TATA INSTITUTE OF SOCIAL SCIENCES
SCHOOL OF SKILL EDUCATION

"Tata Institute of Social Sciences (TISS), Mumbai (declared as an Institution deemed to be University under Section 3 of the UGC Act, 1956), a grant-in-aid Institute under Ministry of Education, Government of India".

PROSPECTUS
2024-25

Rules are subject to modifications from time to time. Modified rules will be accordingly communicated as applicable.

The nomenclature (title) of the undergraduate programmes in skill education offered by Tata Institute of Social Sciences through the School of Skill Education, is changed to 'Bachelors' (Bs). (Ref: Letter of UGC dated 8th June, 2023 [Recommendations of the Expert Committee to Review the Notification on the Specification of Degrees and Suggest New Degree Nomenclature (s)]).

For details of the Bachelor programmes in skill education from TISS, visit: https://sve.tiss.edu/

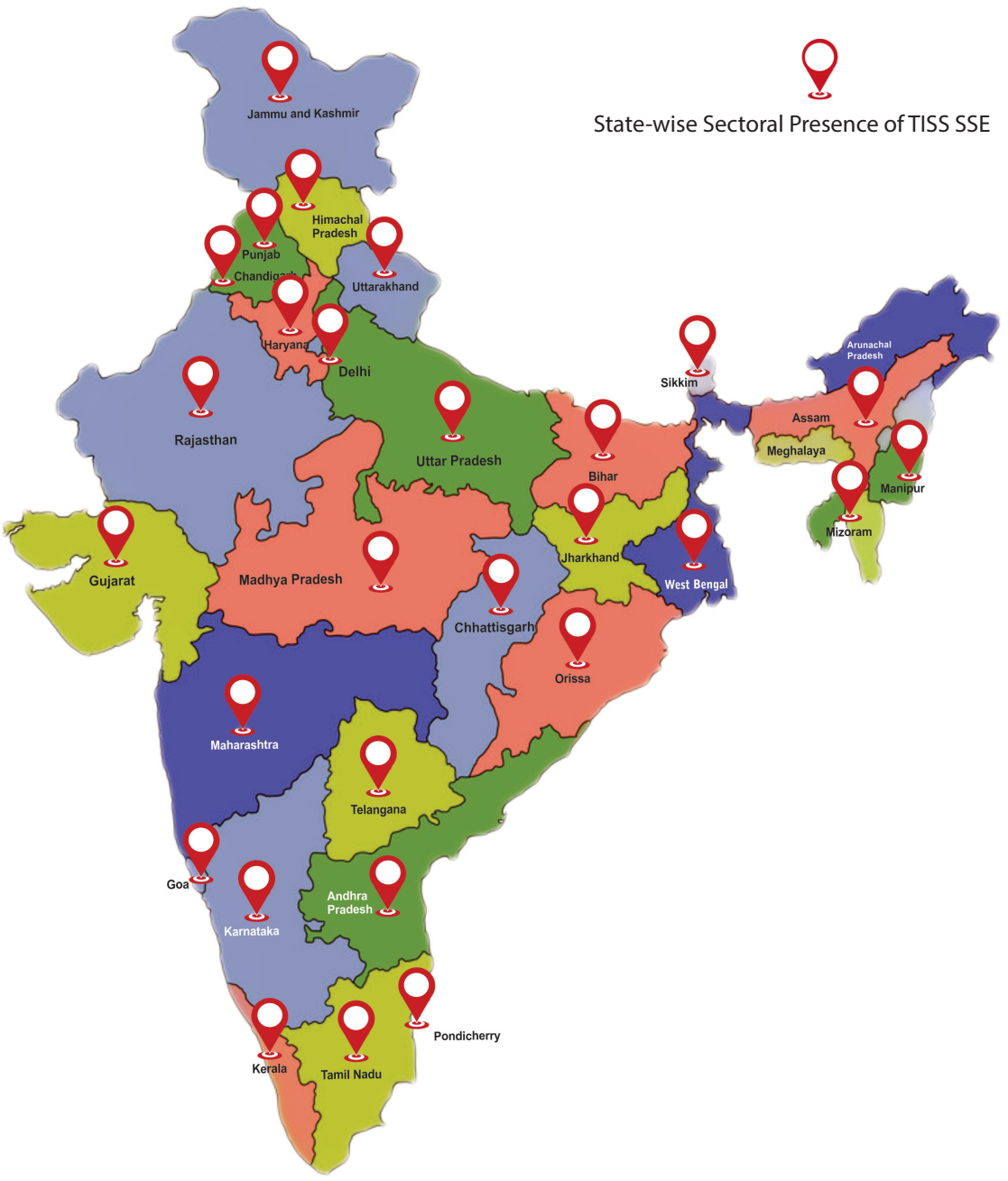
INSTITUTE DEEMED TO BE UNIVERSITY

Number F, 11-22/62-U2,
Government of India
Ministry of Education
New Delhi, the 29th April, 1964

NOTIFICATION

In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956 (3 of 1956) the Central Government, on the advice of the Commission, hereby declared that the Tata Institute of Social Sciences, Bombay, which is an institution for higher education, shall be deemed to be a University for the purpose of the said Act.

Sd/-
(PREM KRIPAL)
Secretary



"Vasudahaiva Kutumbakam - One Earth, One Family, One Future" (G20 2023)

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TATA INSTITUTE OF SOCIAL SCIENCES

The Tata Institute of Social Sciences (TISS), a multi campus, community engaged Public University, established in 1936 as the Sir Dorabji Tata Graduate School of Social Work in Mumbai, aimed to create human service professionals to address the issues of unemployment and poverty in the context of the great depression of the 1930s.

The Institute was renamed as 'Tata Institute of Social Sciences' in 1944, and on 29th April, 1964 the Government of India declared TISS as 'Deemed to be a University' under Section 3 of the University Grants Commission (UGC) Act, 1956. It has been graded as a Category I Deemed to be University in the year 2018 as per the UGC categorization of Deemed to be University under UGC Regulations, 2018.

TISS has four campuses located in Mumbai (Main campus and Naoroji campus), Tuljapur (established in 1986), Hyderabad and Guwahati (both established in 2011). The Institute also offers teaching, training, research and development support from its centres at Chennai, Tamil Nadu, (2012), Patna, Bihar (2015), and Chuchuyimlang, Nagaland (2015).

The vision of the Institute is to stand out as an institution of excellence in higher education that continually responds to the changing social realities through the development and application of knowledge towards creating a people-centred, ecologically sustainable and just society that promotes and protects the dignity, equality, social justice and human rights for all.

TISS occupies a unique position among the higher learning institutions in the country. In 2002, the National Assessment and Accreditation Council (NAAC) awarded the Tata Institute of Social Sciences with a **5-star** rating and reaccredited it as 'A' Grade institution in 2010. In its assessment cycle of February 2016, NAAC for the third time, awarded TISS a score of **3.33 A+** out of **4.00**, the second highest score among the accredited universities.

Currently the institute stands out as a Grade I University bearing Letter Grade A++ with a NAAC score of 3.89/4 and National Institutional Ranking Framework (NIRF, 2022) rank of 60 among the Indian universities and 99th rank among the overall 200 higher educational institutions accredited by NAAC. At the global level QS I-Gauge has rated TISS with Diamond rating and the World University Rankings has ranked TISS among the top 200 universities for Sustainable Development Goals (SDGs) - 1, 5, 10 and among top 300 for SDGs - 7, 9, 12, 16 and 17.

SCHOOL OF SKILL EDUCATION

Realizing the need to involve higher education institutions in the provision of Skill education, the Ministry of Human Resource Development (MHRD) approached the Tata Institute of Social Sciences (TISS) in 2011, with a request to incubate a National Vocational University (NVU). Given its experience and expertise, the Institute made an alternative suggestion that a School of Skill Education be started at TISS, Mumbai as a precursor to the NVU. The suggestion was accepted and a Memorandum of Understanding (MoU) was signed between the Tata Institute of Social Sciences (TISS) and the All India Council for Technical Education (AICTE) on 27th March 2012, at Delhi, to start a School that will follow the work-integrated model of education. A seed grant was given to TISS and the School of
Vocational Education was born, renamed as School of Skill Education November 3, 2023.

Since then the school has been offering various Bachelors' programmes, Diploma courses and PG Diploma courses in various skill sectors in partnership with the leading industries pan India. Currently, TISS SSE is offering
34 bachelor's programmes in 18 sectors, namely Agriculture, Automotive, Electronics, Healthcare, Media and Entertainment, Financial Services and Insurance (BFSI), Management and Entrepreneurship, Power, Retail Association, Tourism and Hospitality, Sports, Life Sciences, Logistics, IT-ITeS, Capital Goods, Child Care, Education, and Food Processing.
Besides these bachelor's programmes the School also offers 6 standalone Diploma programmes in 4 sectors, namely Agriculture, Automotive, ITeS and Healthcare; and 18 PG Diploma programmes in 9 sectors, namely Agriculture, BFSI, Child Care, Healthcare, IT-ITeS, Logistics, Management and Entrepreneurship, and Food Processing to thousands of students in different regions of India, across 94 locations spread over 28 states.

VISION AND MISSION OF SSE

Vision:
To build a poverty free, self-reliant society that embraces and practices social justice, equality, equity and dignity for all by providing industry-relevant skills education and training to millions of youth in India, with special focus on the first generation learners hailing from marginalized communities, that would initiate sustainable sources of income through better employment, promote better livelihood, brighter future and subsequently contribute to the economy of the nation as well.

Mission:
- To create a niche ecosystem that furnishes innovative solutions to the existing/emerging skill gaps, unemployment, under-employment and mismatched employment challenges in the work space by producing competent students with holistic learning/education and growth through the delivery of relevant generic knowledge and practical skill training of comparable quality/standard acceptable in the regional/national/global platforms across all the Undergraduate, Post Graduate Diploma and Certificate programmes/courses it offers in 18 sectors.
- To provide the students a platform to learn cutting-edge job skills via on-the-job training given at the real shop floor of the active/ leading industries/companies along with classroom taught knowledge under the Work Integrated Training Programme developed by TISS SSE.
- While pursuing a course opted for, the students may get an opportunity to work during their on-the-job training and may earn stipends by fulfilling the required terms and conditions.

DEMOGRAPHIC DIVIDEND AND SKILL DEVELOPMENT

India is known for its demographic dividend against the growing ageing population and the need for human resource, and skilled workforce across the globe. The average age of the population projected in 2020 for India was 29 years as against 40 years in USA, 46 years in Europe and 47 years in Japan (MSDE Annual Report, 2015). The Statistical Compilation of Gender related Indicators of India, titled, "Women and Men in India 2022" *(https://mospi.gov.in/sites/default/files/publication_reports/women-men22/WomenMen2022.pdf)* projected that between '2011-2036, 735 million people or 60.7% of India's population was in the working age group i.e., 15-59 years in 2011 and this population group is expected to increase over the years and would reach 988.5 million in 2036'.

To capitalize this demographic dividend, India recognized investment in human resource development - skill education and training of the youth - those in the working age group, as driving forces of economic growth and social development for any country with the setting up of the Ministry of Skill Development and Entrepreneurship in 2015. It was launched with a vision to make "India as Skill Capital of the World".
In this initiative, the first Annual Report of Ministry of Skill Development and Entrepreneurship stated that countries with higher levels and better standards of skills adjust more effectively to the challenges and opportunities in domestic and international job markets. It also recognized that the task ahead was big - estimated that only 4.69% of the total workforce in India has undergone formal skill training as compared to 68% in UK, 75% in Germany, 52% in USA, 80% in Japan and 96% in South Korea. While the debate on the exact quantum of the challenge continues, there is no disputing the fact that it is indeed a challenge of formidable proportion (MSDE Annual Report, 2015).

TISS SSE programme is a direct outcome of India's recognition of giving the most relevant skill education to millions of youth through appropriately designed undergraduate level Skill educational programmes with a focus on holistic education that integrates general knowledge/Skill and job-specific skills through a combination of classroom taught sessions for general and domain pecific education, and practical skill training, a skilling/learning platform which has no space in conventional higher educational institutions.

THE APPROACH OF TISS SSE

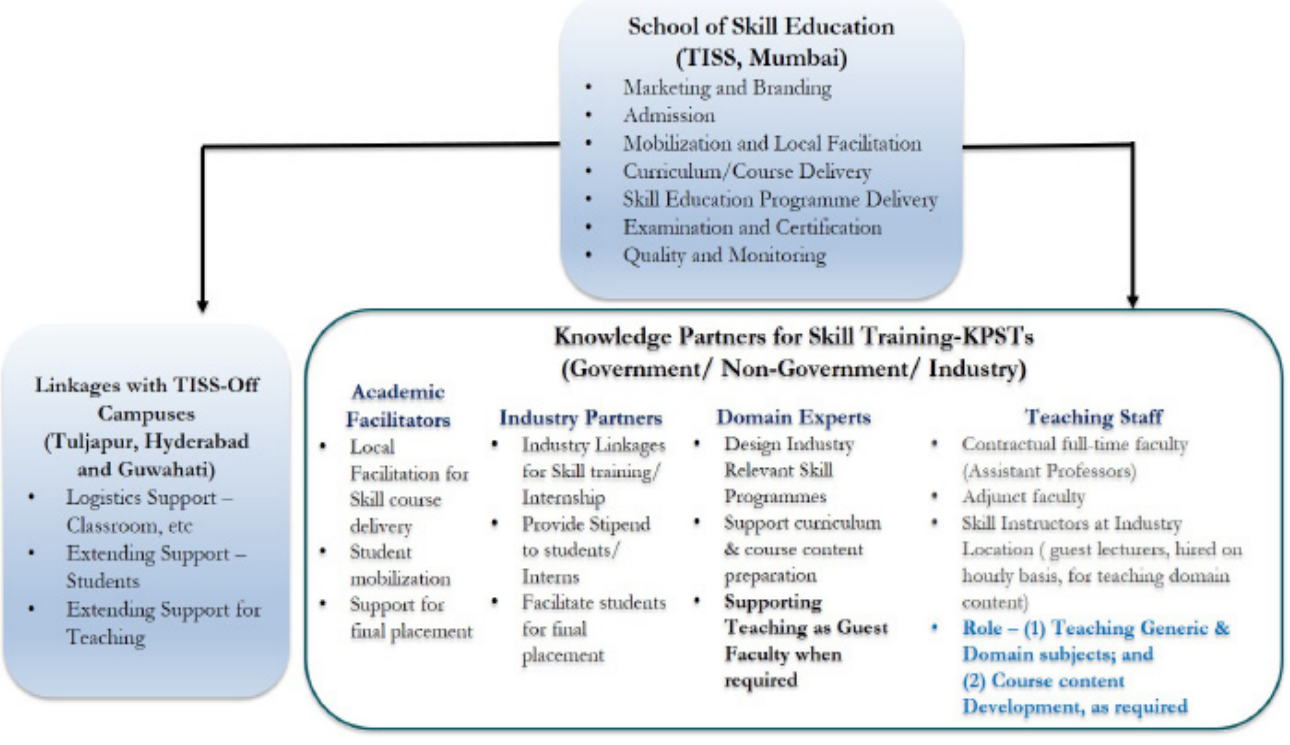
The TISS SSE considers that the best approach/strategy that can be adopted to capitalize India's demographic advantage and also to alleviate unemployment issue is to develop the job specific skills of the youth in various fields that would facilitate their personal growth, income and eventually accelerate the country's economic growth as well.

This can be achieved by incorporating the curriculum content and pedagogy in the higher education system that would produce well-groomed graduates who possess the adequate employment knowledge and skills of various industrial sectors and entrepreneurship through a contextual, need-based, engaging partnership between the industrial sector and higher educational institutions.

The focus, engagement process and goal/outcome trajectory of TISS SSE goes beyond the general conventional attempts of universities, adopting the Work Integrated Training Programme (WITP) process. It is a skill educational programme of a kind which is implemented for the first time in India that focuses on imparting job-specific knowledge and skills to the students through a blend of synchronous field experience and classroom teaching. While the general component and domain specific component sessions are conducted in the classroom in hybrid modes of online and offline, the job oriented/job specific skills are acquired through the cutting edge practical training platform provided in the field by the Knowledge Partners for Skill Training (KPSTs) of the School.

The TISS SSE WITP pedagogy involves internship embedded training/education wherein the students undergo a rigorous hands-on training on the real shop floor of the industries and gain a meaningful, long lasting learning experience, thereby enhancing their employability and entrepreneurship competencies/ capacity. This system/process of education not only ensures a holistic classroom taught and practical knowledge to the students, it also contributes to the wellbeing of the country's economy by balancing the skilled workforce demand of the big industries and its supply to a great extent, and reducing employability skill gaps among the fresh graduates of the country.

Skill Education Programme Ecosystem - Robust academic programmes developed with Industrv Collaboration



The National Skills Qualifications Framework (NSQF) and UGC Guidelines

The UGC mandates that the curriculum for undergraduate programmes should be designed in such a way that at the completion of year-1, year-2 and year-3, students are able to meet the standard learning outcomes described at levels 4.5, 5 and 5.5 of NSQF respectively and are work ready at each exit point.

The curriculum for all the programmes/courses should have a blend of **general education** and **skill development components**. **The general education** should be of the normal university standards for holistic development, not exceeding 40% of the total curriculum weightage with adequate emphasis on language and communication skills.

The skill/professional development components should focus on equipping the students with appropriate knowledge, skills, practice, aptitude and attitude relevant to the industry requirements, to make them fit for employment at the local, national and global level industries/organisations. The curriculum should meet the National Occupational Standards (NOSs) specified for specific job roles in the industrial sector (s) so that the students meet the learning outcomes specified in the NOSs.

Bachelor Programmes in Skill Education under the NSQF/NCrF

TISS SSE embeds all the accurate NSQF levels with the flexibility of issuing/awarding the qualification/ certification attained at every exit point provided, and conforms to the latest National Credit Framework (NCrF) guidelines of UGC, April 2023 in imparting the generic knowledge, domain knowledge and building competencies required for every specific job roles under all the programmes it offers, for the employability of its passed out graduates, year after year. Through the unique and scalable delivery mechanism it devised, TISS SSE currently has 269 batches of students pursuing Bachelor's programmes and conducts examinations every year.

The School offers Bachelor of Skill Education programmes across six semesters, at - NSQF levels 4.5 for the first year (issuing a certificate on completion of 2 semesters/1 year); NSQF level 5 for the second year (issuing diploma on completion of 4 semesters/2 years); and NSQF level 5.5 (awarding Bachelor's degree certificate on completion of the overall 6 semesters/ the intended 3 years' degree course).

The certification at different levels /years:

Duration	Semester	Corresponding NSQF/NCrF Levels	Total Hours / Credits	Award
1 Year	2	4.5	1200 hrs/40	Undergraduate Certificate
2 Years	4	5	1200 hrs/40	Undergraduate Diploma
3 Years	6	5.5	1200 hrs/40	Bachelor's Degree (BA/BSc)

Every certificate awarded by TISS SSE in each year at the accurate NSQF level is a stand-alone certification recognized across the national and international universities. The students who have completed 12th standard or possess equivalent qualification can pursue these programmes based on the admission criteria laid out for each of the programmes offered.

In line with the National Credit Framework 2023 guidelines, all the Bachelor programmes are for a duration of 1200 learning hours, out of which classroom-taught sessions are for 600 hours, i.e., 40 credits per year. The skill training component is 50-60% ranging from 600 to 720 hours per year, depending on the industry requirement. The skill training component includes on-the-job training and internship.

Employability

The work-integrated learning approach adopted by TISS SSE through its On-the-Job Training (OJT) programme/process at the shop floor/workplace of the industries/companies as part of the Bachelor's programmes, provide students not only the opportunity to practice, learn, and experience the job roles but it also increases their employment chances because the organizations already know the students working with them as interns during their OJT and often prefer/favour to upgrade them as full-time employees.

Curriculum

The curriculum of all the programmes offered in each year/level is composed of a judicious blend of **general education and skill development components**.

1. **General Education Component (Generic Subjects):**
   - The general education component not exceeding 40% of the total curriculum adheres to the latest university standards as laid out by the NCrF in April, 2023 emphasizing on courses that would provide holistic development.
   - Adequate emphasis is given to language and communication skills.

2. **Skill Development Components (Domain Knowledge):**
   - The focus of skill development component is to equip students with appropriate knowledge, practice, aptitude and attitude relevant to the current industry requirements and demand so that they are work-ready at every exit point.
   - The curriculum necessarily embeds itself with the National Occupational Standards (NOSs) of each of the specific job roles within the industry, which enable the students' performances outcomes meet the learning outcomes as specified in the NOSs.
   - The overall focus of the skill development component for all the job roles in the field/ course selected is designed such that it leads to a comprehensive specialization in one or two domains.
   - The curriculum constantly focuses on work-readiness skills in each exit point and throughout the three years' time.

Pedagogical Process

The classroom taught component is divided into **contact and online sessions.**

The contact classes have two sub components – **generic and domain**. Generic component classes are conducted in online/offline/blended mode and domain component classes are conducted in the Campus or at the locations of Knowledge Partners for Skill Training (KPST).
Wherever it is not possible to conduct classes at the location of a Knowledge Partner for Skill Training, the TISS SSE arranges a '**neutral venue'** within the geographical reach of KPST for the purpose.

The students may be required to come to the campus for **7 to 10 working days** in one semester to attend the contact classes.

ACADEMIC CALENDAR 2024–2025*

ACADEMIC ACTIVITY	SEMESTERS I, II, III, IV AND V
Reopening of the Institute (For Faculty)	1st August 2024
Commencement of Classes	1st August 2024
Announcement of Examination Time Table	7th - 11th October 2024
Last Lecture Day	4th January 2025
Examination Preparatory Period	5th -11th November 2025
Semester Pen Paper Examinations	13th - 18th January 2025 (Pan India) & 12th, 20th, 27th January 2025 for Sunday Exam (TISS CAMPUS)
Semester Practical Examinations	19th January - 2nd February 2025
Submission of Grades	19th January - 8th February 2025
Declaration of I/II/III/IV/V Semesters Results	1st April - 15th April 2025
Conduct of Supplementary I /Improvement/ Re-Evaluation of I/II/III/IV/V Semester Courses (ONLY THEORY PAPERS)	1st May - 3rd May 2025
Result Declaration of Supplementary/ Improvement/Re-Evaluation of I/II/III/IV/V Semester Courses	15th May - 17th May 2025
Conduct of Supplementary II /Improvement/ Re-Evaluation of I/II/III/IV/V Semester Courses (ONLY THEORY PAPERS)	28th May - 30th May 2025
Result Declaration of Supplementary/ Improvement/Re-Evaluation of I/II/III/IV/V Semester Courses	9th June - 13th June 2025

ACADEMIC ACTIVITY	SEMESTERS I, II, III, IV AND V
Commencement of Classes	3rd February 2025
Announcement of Examination Time Table	8th April - 12th April 2025
Last Lecture Day	12th July 2025
Examination Preparatory Period	13th July-19th July 2025
Semester Pen Paper Examinations	21st - 26th July 2025 (Pan India) & 20th, 27th July 2025 & 3rd August 2025 for Sunday Exam TISS Campus.
Semester Practical Examinations	27th July - 10th August 2025
Commencement of Classes for II,III,IV,V,VI	11th August 2025
Submission of Grades	27th July - 14th August 2025
Declaration of I/II/III/IV/V Semesters Results	27th September - 12th October 2025
Conduct of Supplementary I /Improvement/ Re-Evaluation of I/II/III/IV/V Semester Courses (ONLY THEORY PAPERS)	27th October - 29th October 2025
Result Declaration of Supplementary/ Improvement/Re-Evaluation of I/II/III/IV/V Semester Courses	15th May - 17th May 2025
Conduct of Supplementary II /Improvement/ Re-Evaluation of I/II/III/IV/V Semester Courses (ONLY THEORY PAPERS)	24th November - 26th November 2025
Result Declaration of Supplementary/ Improvement/Re-Evaluation of I/II/III/IV/V Semester Courses	11th December - 16th December 2025

SSE PROGRAMMES IN 18 SKILL INDUSTRY SECTORS

AGRICULTURE
1. Bachelor/B.Voc. in Agriculture
2. Post Graduate Diploma in Agribusiness Management
3. Diploma in Agriculture and Agri Input Management

AUTOMOTIVE
1. Bachelor in Automotive Servicing Technology
2. Bachelor in Automotive Manufacturing Technology
3. Diploma in Auto Diagnosis and Repair

BFSI
1. Bachelor in Banking, Financial Services and Insurance
2. Post Graduate Diploma in Banking, Financial Markets and Insurance
3. Post Graduate Diploma in Bank Credit Management
4. Post Graduate Diploma In Markets, Banking and Operations

CHILD CARE
1. Bachelor in Child Protection
2. Bachelor in Early Child Development
3. Post Graduate Diploma in Early Childhood Development and Education

CAPITAL GOODS
1. Bachelor in Industrial Tool Manufacturing
2. Bachelor in Mechatronics Technology
3. Bachelor in Production Technology

ELECTRONICS
1. Bachelor in Electronic Manufacturing Services
2. Bachelor in Office Automation
3. Bachelor in Refrigeration and Air Conditioning

EDUCATION
Bachelor in Social Research and Data Management

HEALTHCARE
1. BSc in Medical Imaging Technology
2. BSc in Medical Laboratory Technology
3. BSc in Dialysis Technology
4. B. Optom (Bachelor of Optometry)
5. BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care
6. Post Graduate Diploma in Dialysis Technology
7. Post Graduate Diploma in Emergency Medical Services
8. Post Graduate Diploma in Critical Care Technology
9. Post Graduate Diploma in Medical Laboratory Technology
10. Post Graduate Diploma in Histotechnology and Cytotechnology
11 Diploma in Operation Theatre Techniques
12. Diploma in Emergency Medical Technician
13. Diploma in Geriatric Care

IT - ITeS
1. Bachelor in Software Development
2. BSc in Artificial Intelligence and Machine Learning
3. Post Graduate Diploma in Computer Applications
4. Post Graduate Diploma in Software Development
5. Post Graduate Diploma in Cyber Security (Joint teaching program with Rashtriya Raksha University)
6. Diploma in Computer Applications

LOGISTICS
1. Post Graduate Diploma in Supply Chain and Logistics Management
2. Post GraduateDiploma in Data Science for Logistics
3. Post Graduate Diploma in Drones Operations

LIFE SCIENCES
1. BSc in Pharmaceutical Manufacturing
2. BSc in Manufacturing Technology (Pharmaceutical Chemistry)

MANAGEMENT & ENTREPRENUERSHIP
1. Bachelor in Sales and Marketing
2. Bachelor in Operations
3. Post Graduate Diploma in HR and Administration
4. Post Graduate Diploma in Marketing
5. Post Graduate Diploma in Digital Marketing
6. Post Graduate Diploma in Training and Development

MEDIA & ENTERTAINMENT
1. Bachelor in Graphics and Multimedia
2. Bachelor in Journalism

POWER
Bachelor in Renewable Energy Technology

RETAIL ASSOCIATION
1. Bachelor in Retail Management (The Retail Ready Programme)

2a. Bachelor in Retail Management with Specialisation in Automotive Retail

2b. Bachelor in Retail Management with Specialisation in Automotive Retail (in Collaboration with Maruti Suzuki India Ltd.)

SPORTS
Bachelor in Sports Management

TOURISM & HOSPITALITY
1. Bachelor in Travel and Tourism
2. Bachelor in Hospitality Management
3. Bachelor in Hotel Management
4. Bachelor in Hotel Management (Golden Threshold Programme)

FOOD PROCESSING
Post Graduate Diploma in Food Technology

BACHELOR'S PROGRAMMES

Agriculture

Introduction of the Sector

Agriculture is one of the most vital skill sectors accounting for 18% of the Indian economy. It accounts for the livelihood of almost 58% of the Indian population. India being the leading producer of pulses, rice, wheat, spices, and spice products is one of the major players in agriculture sector. Furthermore, with the numerous government policies in place, the agriculture sector continues to show healthy symptoms and steadily climbing through the charts in green. Indian Agriculture sector contributes around 23% of the GDP. It provides employment to more than 65% of the population. The sector is facing an increasing complex business environment due to integration of world market, technological advancement, development of the derivative market, etc. To cater to this complexity skilled manpower is required to respond to the current situation and take quick and right decision.

Bachelor/B.Voc in Agriculture

Programme Introduction

Agriculture is a broad field. It consists of many sub-disciplines and sub-branches. Bachelor in Agriculture covers all aspects of agriculture. Further, the programme itself comprises of various sub-industries like horticulture, floriculture, poultry, organic farming, and each industry has a large number of job roles and opportunities. Above all, there are huge self-employment opportunities in agriculture sector. The curriculum has been designed to include general education and skill development components, having extensive practical and on-the-job training along with regular industry visits so that they can be easily engaged in agriculture industry or become entrepreneurs.

Eligibility for Admission

The eligibility for admission to Bachelor/B.Voc. in Agriculture is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Agriculture domain is capable of generating an abundant amount of job opportunities and different job profiles each year.

Government jobs, private sector jobs, self-employment opportunities are available for a graduate in Agriculture. The State Agriculture Departments (SAD) recruit graduates to fill up officer cadre posts. Private jobs include the managers at ***plantations, officers at fertilizer manufacturing firms, agriculture machinery industries, agricultural products marketing firms, food processing units, etc***.

Semester-Wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
AGR 1.1	Basic Botany and Introduction to Indian Agriculture	2
AGR 1.2	Agronomical Principles and Crop Production Practices (Kharif Season)	2
AGR 1.3	Farm Machinery and Post Harvesting Technology	2
AGR ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
AGR 2.1	Agronomical Principle and Crop Production Practices (Rabi Season)	2
AGR 2.2	Principles of Floriculture and Landscaping and Basic Ideas of Agroforestry	2
AGR 2.3	Indian Horticulture and Principles of Vegetables and Fruit Crops Cultivation	2
AGR ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
AGR 3.1	Concepts of Soil and Nutrient Management	2
AGR 3.2	Principles of Irrigation Management	2
AGR 3.3	Principles of Agriculture Meteorology	2
AGR ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
AGR 4.1	Seed Production Technology	2
AGR 4.2	Diagnosis of Crop Health Problems	2
AGR 4.3	Food Processing and Preservation	2
AGR ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
AGR 5.1	Concept of Agro-service and Agriculture Extension	2
AGR 5.2	Emerging Concepts and Practices in Agriculture	2
AGR 5.3	Insects and their Role in Agriculture	2
AGR ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
AGR 6.1	Application of Microbiology in Agriculture	2
AGR 6.2	Livestock, Poultry and Organic Farming Management	2
AGR 6.3	Agro-processing Projects, Credit Planning and Corporate Farming	2
AGR ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Automotive

Introduction of the Sector

The automotive industry in India is changing rapidly. Hence, competition is very high among the companies to get their share of profit. Automobile exports grew 15.54 percent during April 2018-February 2019. It is expected to grow at a Compound Annual Growth Rate (CAGR) of 3.05 percent during 2016-2026. The automotive industry is among the top hirers in the Year 2017-2018 in India.

Bachelor in Automotive Servicing Technology

Programme Introduction

Automotive Servicing Technology offers the students the techniques of installing, maintaining, repairing and replacing automotive parts. Those who are passionate about servicing the various parts of vehicles such as brake systems, engines, electrical and steering systems, etc. can be immensely benefitted by the programme.

The Indian automotive industry stands as one of the largest across the globe, contributing more than 7% of India's GDP. This highly competitive auto sector sets in motion an equally important automotive servicing and repair industry which is estimated to be worth Rs. 34,000 crores by the year 2020.

Eligibility for Admission

The eligibility for admission to Bachelor in Automotive Servicing Technology is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Automotive Servicing Technology encompasses careers in the inspection, repair and maintenance of a vehicle's mechanical and electronic systems, including those found on cars, trucks, motorcycles, aircraft, marine and industrial vehicles.

Common job titles include ***Automotive Service Technician, Auto Instructor, Vehicle Inspector, Auto Body Technician, Auto Electrician, Auto Mechanic and Auto Engineer, Quality Testing Engineer, Automotive Workshop Manager,*** *and* ***Automotive Assistant Workshop Manager.***

Workers in this field also might choose to specialize in a specific automotive area or equipment, such as tyres, alternative fuel vehicles, diesel vehicles, emissions systems and specialty fabrications. After successfully completing 3 years Bachelor's Degree Programme the student shall be able to start self-entrepreneurship in the similar areas.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
AS 1.1	Engineering Drawing	2
AS 1.2	Applied Mechanic	2
AS 1.3	Metallurgy and Material Science	2
AS ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
AS 2.1	Machine Design and Drawing	2
AS 2.2	Internal Combustion Engine	2
AS 2.3	Strength of Materials and Structural Engineering	2
AS ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
AS 3.1	Shop Floor Practices - I	2
AS 3.2	Quality Management - I	2
AS 3.3	Transport Refrigeration and Air Condition	2
AS ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
AS 4.1	Shop Floor Practices - II	2
AS 4.2	Quality Management - II	2
AS 4.3	Metrology and Machine Tools	2
AS ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
AS 5.1	Automotive Petrol and Diesel Engine	2
AS 5.2	Automotive Fuels and Lubricants	2
AS 5.3	Elective Course (Choose any 1) 1. Supply Chain Management (ASE-01) 2. Vehicle Dynamics (ASE-02) 3. Automotive Electrical and Electronics (ASE-03)	2
AS ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
AS 6.1	Automotive Chassis	2
AS 6.2	Vehicle Performance and Testing	2
AS 6.3	Elective Subject – II (Choose any 1) 1. Supply Chain Management (ASE-01) 2. Vehicle Dynamics (ASE-02) 3. Automotive Electrical and Electronics (ASE-03)	2
AS ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Automotive Manufacturing Technology

Programme Introduction

Bachelor in Automotive Manufacturing Technology is a 3-year degree programme in skill education pertaining to automobile manufacturing sector. The course focuses on mechanics and technology driving the latest variety of cars.

Eligibility for Admission

The eligibility for admission to Bachelor in Automotive Manufacturing Technology is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Bachelor in Automotive Manufacturing Technology encompasses careers in the ***Mechanical Sub-Assembly Technician, Assembler (Automobile), Assembler (Stationery Petrol or Diesel Engine), Assembler (Electrical Accessories), CNC Operator, Machining Technician, Process Engineer, Quality Testing Engineer, Auto Designer, Auto Engineer, Automotive Workshop Manager and Automotive Assistant Workshop Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
AM 1.1	Engineering Drawing - I	2
AM 1.2	Automobile Engineering	2
AM 1.3	Engineering Materials	2
AM ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
AM 2.1	Engineering Drawing – II	2
AM 2.2	Manufacturing Technology – Basics	2
AM 2.3	Engineering Mechanics	2
AM ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
AM 3.1	Manufacturing Technology - Advanced	2
AM 3.2	Shop Floor Practices – I	2
AM 3.3	Quality Management – I	2
AM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
AM 4.1	Shop Floor Practices – II	2
AM 4.2	Quality Management – II	2
AM 4.3	Manufacturing Processes	2
AM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Organisational Behaviour	2
GE 5.2	Personal Grooming	2
AM 5.1	Tool Engineering	2
AM 5.2	Production Technology	2
AM 5.3	Elective Subject – I (Choose any 1) • Automotive Electrical and Electronics (AME 1) • Foundry Technology-Ferrous (AME 2) • CNC Programming (AME 3) • Product Design (AME 4) • Supply Chain Management (AME 5)	2
AM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
AM 6.1	Mechatronics	2
AM 6.2	Total Quality Management and Total Productive Maintenance	2
AM 6.3	Elective Subject – II (Choose any 1) • Automotive Electrical and Electronics (AME 1) • Foundry Technology-Ferrous (AME 2) • CNC Programming (AME 3) • Product Design (AME 4) • Supply Chain Management (AME 5)	2
AM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Banking, Financial Services and Insurance (BFSI)

Introduction of the Sector

Banking, Financial Services and Insurance (BFSI) are set to grow exponentially in India due to the rising per capita income, the introduction of new products, innovation in technology, expanding distribution, networking and increasing customer awareness of financial products. BFSI Industry has continued to be a top priority focus industry for India's economic development based on inclusive growth.

Bachelor in Banking, Financial Services and Insurance

Programme Introduction

Bachelor in Banking, Financial Services and Insurance (BFSI) aims to train the students in various aspects of banking and its allied areas. The programme covers topics such as Banking, Finance, Insurance, Investment, Risk Management, and Cyber Security. Banking sector is growing at a healthy pace in India and is known to generate ample amount of job.

Eligibility for Admission

The eligibility for admission to Bachelor in BFSI is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Students would be in a position to be employed by various banks which includes ***Retail, Corporate, Agriculture, NBFCs & Mutual Funds Organzations, Insurance Companies, Financial Planners, Insurance Advisors and Mutual Fund Advisors.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
BFSI 1.1	Introduction to Banking and Financial Services	2
BFSI 1.2	Microfinance and Operations	2
BFSI 1.3	Mutual Funds and Operations	2
BFSI ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Enivornmental Studies and Sustainability	2
BFSI 2.1	General Insurance and Operations	2
BFSI 2.2	Introduction to Financial Planning	2
BFSI 2.3	Indian Securities Markets	2
BFSI ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
BFSI 3.1	MSME, Agriculture and Corporate Banking	2
BFSI 3.2	Quantitative Techniques	2
BFSI 3.3	Life Insurance and Operations	2
BFSI ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
BFSI 4.1	The Business of Retail Banks and NBFCs	2
BFSI 4.2	Financial Product Management	2
BFSI 4.3	Customer Relationship Management	2
BFSI ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
BFSI 5.1	Loans and Depository Operations	2
BFSI 5.2	Advanced Corporate Banking	2
BFSI 5.3	Investment Analysis and Portfolio Management	2
BFSI ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
BFSI 6.1	Advanced Financial Planning Concepts	2
BFSI 6.2	Introduction to Credit, Treasury, Forex and Risk Management in Banks	2
BFSI 6.3	Cyber Security in BFSI	2
BFSI ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Capital Goods

Introduction of the Sector

Manufacturing Industry has emerged as one of the growing sectors in India. The government of India launched the 'Make in India' initiative in 2014 programme to place India on the world map as a manufacturing hub and give global recognition to the Indian economy. Today, India is the fifth largest manufacturing country in the world accounting for about 3 percent of global manufacturing output and contributing about 17 percent to its GDP. In the third round Quarterly Employment Survey (QES) Report (Oct-Dec, 2021) a part of All India Quarterly Establishment based Employment Survey (AQEES) released by the Ministry of Labour and Employment, Manufacturing Industry is emerging as the largest employer accounting for 39 percent of the formal sector employment pie.

Bachelor in Industrial Tool Manufacturing

Programme Introduction

Bachelor in Industrial Tool Manufacturing is a unique 3-year undergraduate programme offered under the capital goods sector. The curriculum is designed to meet current industrial requirements with an emphasis on new manufacturing technologies and industrial practices.

Eligibility for Admission

The eligibility for admission to Bachelor in Industrial Tool Manufacturing is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

In today's time, all the companies ask for industrial tool manufacturing degree in skill education space. The job positioning after completing degree in Industrial tool manufacturing are as follows: ***Assembly Supervisor, Assistant Plant Manager, Chief Manufacturing Executive, Chief Quality Control Executive, Civil Engineering Supervisor, Quality Assurance Manager and Distribution Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
ITM 1.1	Engineering Graphics	2
ITM 1.2	Metrology and Quality control	2
ITM 1.3	Manufacturing Technology	2
ITM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
ITM 2.1	Basic Electrical and Electronics Engineering	2
ITM 2.2	Engineering Metallurgy	2
ITM 2.3	Metal Forming Technology	2
ITM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
ITM 3.1	Smart Manufacturing and Artificial Intelligence	2
ITM 3.2	Industrial Automation	2
ITM 3.3	Design of Jigs, Fixtures and Gauges	2
ITM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
ITM 4.1	Computer Numeric Control (CNC) Machining Technology	2
ITM 4.2	Press Tool Technology	2
ITM 4.3	Total Quality Management	2
ITM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
ITM 5.1	Mould Technology	2
ITM 5.2	Electrical Drives and Controls	2
ITM 5.3	Process Planning and Cost Estimation	2
ITM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
ITM 6.1	Computer Aided Design (CAD)/ Computer Aided Manufacturing (CAM)/ Computer Integrated Manufacturing (CIM)	2
ITM 6.2	Maintenance Engineering and Management	2
ITM 6.3	Project Work	2
ITM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Mechatronics Technology

Programme Introduction

Bachelor in Mechatronics Technology is a unique multi-disciplinary study dealing with the integration of mechanical devices, actuators, sensors, electronics, intelligent controllers and computers. Many new generations of consumer or commercial products can be classified as mechatronic products as they involve mechanical as well as electronic components. The need for mechatronic education has grown due to the increase in the number and importance of such systems and devices.

Eligibility for Admission

The eligibility for admission to Bachelor in Mechatronics Technology is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

The profession of mechatronics includes *T**echnicians and Engineers who design and maintain automated equipment, Technicians and Engineers working in Laboratories, Offices or on- site Manufacturing Plants.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MT 1.1	Engineering Graphics	2
MT 1.2	Basic Electrical and Electronics Engineering	2
MT 1.3	Manufacturing Technology	2
MT ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
MT 2.1	Electronics and Instrumentation	2
MT 2.2	CNC Machines and Programming	2
MT 2.3	Engineering Metrology and Measurements	2
MT ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MT 3.1	Smart Manufacturing and Artificial Intelligence	2
MT 3.2	Fundamentals of Mechatronics System	2
MT 3.3	Total Quality Management	2
MT ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MT 4.1	Digital Electronics	2
MT 4.2	Electrical Machines and Drives	2
MT 4.3	Manufacturing Automation	2
MT ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MT 5.1	Microprocessors and Applications	2
MT 5.2	Design of Mechatronics System	2
MT 5.3	Micro Electro Mechanical Systems	2
MT ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MT 6.1	Robotics and Machine Vision System	2
MT 6.2	Micro Controller and PLC	2
MT 6.3	Industry 4.0	2
MT ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)

Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)

Caution Deposit (Refundable): Rs.5000/-

Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Production Technology

Programme Introduction

Bachelor in Production Technology is a unique 3-year degree programme designed to meet current industrial requirements with an emphasis on new manufacturing technologies and industrial practices. Production Technology is a ground-breaking initiative to play a constructive role and fill the gap by developing a dynamic eco-system for quality training and skills growth for the capital goods market.

Eligibility for Admission

The eligibility for admission to Bachelor in Production Technology is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Students get job at ***Mechanical Plants, Fabricating Plants, Vehicle Assembling Plants or firms*** where creation procedure is included.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
PT 1.1	Engineering Graphics	2
PT 1.2	Production Technology	2
PT 1.3	Engineering Metrology	2
PT ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
PT 2.1	Theory of Metal Cutting	2
PT 2.2	Basic Electrical and Electronics Engineering	2
PT 2.3	Metal Joining Technology	2
PT ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
PT 3.1	Smart Manufacturing and Artificial Intelligence	2
PT 3.2	Material Science and Metallurgy	2
PT 3.3	CNC Machines and Programming	2
PT ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
PT 4.1	CAD/CAM	2
PT 4.2	Industrial Engineering and Management	2
PT 4.3	Fundamentals of Mechatronics System	2
PT ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
PT 5.1	Production Planning and Control	2
PT 5.2	Applied Hydraulics and Pneumatics	2
PT 5.3	Non-Destructive Evaluation and Testing	2
PT ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
PT 6.1	Total Quality Management	2
PT 6.2	Manufacturing Automation	2
PT 6.3	Project Work	2
PT ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Child Care

Introduction of the Sector

Child care is a broad area that covers a wide spectrum of professionals, institutions, contexts, activities, social, and cultural conventions. The child care sector plays a crucial role in nurturing early childhood development by providing a stable environment that is sensitive to a child's health and nutritional needs with protection from threats, opportunities for early learning, and interactions that are responsive, emotionally supportive and developmentally stimulating. This nurturing care is essential for laying the foundations for a child's survival and thriving throughout their life. The sector covers two components - early child development and child protection.

Bachelor in Early Child Development

Programme Introduction

There is an acute shortage of professionally trained personnel to provide comprehensive services to children in difficult circumstances. There is a large number of personnel working in existing institutions, whether run by government or by non-governmental organizations, who need to be provided with adequate skills and hands-on experiences for dealing with children in an effective manner and providing them quality services.

The cadre prepared through this programme will contribute to the Ministry of Women and Child Development's plans to holistically examine methods of rationalizing programmes and approaches for creating a strong protective environment for children, diversify and provide essential services for children, mobilize inter-sectoral response for strengthening child protection and set standards for care and services.

The importance of early care and education for children's lifelong learning has been widely established and acknowledged. The early childhood period, spanning from pre-natal to 8 years, is the most critical and sensitive period in the life span of an individual as it coincides with phenomenal brain development. Children's exposure to quality experience in the early years of life is critical to their development and learning outcomes.

Eligibility for Admission

The eligibility for admission to Bachelor in Early Child Development is 10+2 or equivalent, in any stream.

Career Prospects

Students can be employed at government sector, private sector, NGOs, Integrated Child Development Services (ICDS) projects, etc. They can become ***Aganwadi workers, Baal Wadi Teachers, Pre-school Teachers, Pre Primary Asst. Teachers (Diploma), Teachers (Degree) or Supervisor for ICDS projects (Degree) and Coordinator at NGO. They can also establish Day Care Centres (Government and Private government organizations).***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
ECD 1.1	Introduction to Child Growth and Development	2
ECD 1.2	Curriculum and its implementation for foundation stage - I	2
ECD 1.3	Child Rights and Inclusion in Early Child Education	2
ECD ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
ECD 2.1	Child Development and its Assessment	2
ECD 2.2	Curriculum and its Implementation for Foundation Stage – II	2
ECD 2.3	ECD Centre Management and Community Participation I	2
ECD ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
ECD 3.1	Learning and Cognition	2
ECD 3.2	Personal and professional development in ECD	2
ECD 3.3	Developmentally Appropriate Pedagogical Skills and Practices - I	2
ECD ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
ECD 4.1	Child Development and Children with Special Needs	2
ECD 4.2	ECD Centre Management and Community Participation – II	2
ECD 4.3	Developmentally Appropriate Pedagogical Skills and Practices - II	2
ECD ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
ECD 5.1	Theories of Child Development and Pedagogical Skills	2
ECD 5.2	Leadership and Inclusive Education	2
ECD 5.3	Action Research and Easing the Transition	2
ECD ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
ECD 6.1	Professional Leadership	2
ECD 6.2	Early Years Programme Assessment and Action Research	2
ECD 6.3	ECD Government Policies and The Global Perspective	2
ECD ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 30,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Child Protection

Programme Introduction

'Children' and 'childhood' are perceived differently in various cultures and periods of time. This leads to power dynamics in relationships between an adult and a child. At each stage of growth, a child has different needs for which he/she may be dependent on adults. However, in many cases, these needs are not met due to a range of factors like rural-urban and class-caste divides, poverty and income insecurity, socio-economic and geo-political circumstances, or discriminatory attitude leading to deprivation or abuse. This necessitates an understanding of child vulnerability and child protection.

Violence, abuse, and exploitation of children are widespread and remain a harsh reality for millions of children from all socio-economic groups in India. These have long-lasting consequences on children's lives. Child Protection requires working with families and community resources to ensure children are safe through sensitive child-friendly initiatives to effectively deliver services, mobilize an inter-sectoral response and engage in designing, implementing as well as strengthening Child Protection Systems in India.

Eligibility for Admission

The eligibility for admission to Bachelor in Child Protection is 10+2 or equivalent, in any stream.

Career Prospects/Job Role

Students can work as ***Social Workers, Programme Specialists, Child Protective Specialists, Family Case Managers, Social Service Assistants, School Counselors, and Behavioral Counselors in government settings, institutions under DCPUs (District Child Protection Units) of ICPS (Integrated Child Protection Schemes), etc.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
CP 1.1	Understanding Child and Childhood	2
CP 1.2	An Introduction to Child Rights and Legal Provisions for Children	2
CP 1.3	Basic Skills for Working with Children	2
CP ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
CP 2.1	Child Protection	2
CP 2.2	Child Protection Mechanisms in India: State's Response	2
CP 2.3	Working with Individuals, Groups and Communities – Basic	2
CP ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
CP 3.1	Approaches and Interventions for Child Protection	2
CP 3.2	Welfare Policies and Schemes for Children in India	2
CP 3.3	Working with Children, Families and Other Stakeholders	2
CP ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
CP 4.1	Important Laws and Legislations for Children in India: An In-depth View	2
CP 4.2	Dealing with Personal and Professional Challenges of a Child Protection Practitioner	2
CP 4.3	Working with Individuals, Groups and Communities - Advanced	2
CP ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
CP 5.1	Vulnerability Assessment and Interventions with Vulnerable Categories of Children	2
CP 5.2	Analysis of Legislations from a Child Rights Perspective and an Introduction to Child Budgeting	2
CP 5.3	Life Skills Education and Arts Based Work with Children	2
CP ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
CP 6.1	Project Management	2
CP 6.2	Social Action on Child Protection	2
CP 6.3	Skills of a Child Protection Practitioner	2
CP ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 30,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Education

Introduction of the Sector

The social research and data management sector is crucial for understanding and addressing societal issues. It involves designing and conducting studies, analyzing data, and providing insights that inform policy, shape public opinion, and drive social change. Professionals in this field work in diverse settings, including academia, government, non-profits, and market research firms. Their work uncovers trends, evaluates programs, and offers evidence-based solutions to social challenges. As reliance on data-driven insights grows, the demand for skilled social researchers and data analysts increases, making this a vital and dynamic field with significant career opportunities.

Bachelor in Social Research and Data Management

Programme Introduction

The Bachelor in Social Research and Data Management programme is designed for individuals with no or minimal technical experience as this programme is a blend of engaging and interactive learning experiences with theoretical knowledge and real-world applications, fostering a holistic understanding of social research. This programme introduces students to the philosophy, significance, and processes involved in social research, emphasizing the technical aspects of research and data management. By the end of the programme, students will understand the importance of social research and will be equipped with the skills to manage and analyze research data effectively.

Eligibility for Admission

Candidates who have completed 10+2 or equivalent in any stream are eligible for admission.

Career Prospects/Job Roles

Graduates of this programme can pursue careers as research scientists. These professionals design and analyze information collected from laboratory investigations and experiments. Research scientists can work in various settings, including government labs, environmental organizations, and research institutions.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
SR 1.1	Foundations of Social Research	2
SR 1.2	Qualitative Research and Quantitative Research	2
SR 1.3	Mixed Research	2
SR ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
SR 2.1	Research Design	2
SR 2.2	Types of Research Design	2
SR 2.3	Formulation of Research Instrument	2
SR ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
SR 3.1	Introduction to Micro Datasets	2
SR 3.2	Descriptive Statistics for Social Science Research through Analytical Platforms	2
SR ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
SR 4.1	Data Structures: Analysis of Time Series, Cross-Sectional, Panel, and Relational Data	2
SR 4.2	Descriptive Analytics and Visualization	2
SR 4.3	Inferential Statistics	2
SR ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
SR 5.1	Dissertation Phase I	2
SR 5.2	Predictive Statistics	2
SR 5.3a	Elective (1/2) Health Research	2
SR 5.3b	Elective (2/2) Environment and Social Impact Assessment	2
SR ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
SR 6.1	Dissertation Phase II	2
SR 6.2	Research Ethics	2
SR 6.3a	Electives (1/2) Market Research	2
SR 6.3b	Elective (2/2) Social Network Analytics	2
SR ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 60,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Electronics

Introduction of the Sector

The Indian electronics industry is one of the largest and fastest growing industries in the world. Electronics manufacturing industry in India is growing at a much faster pace due to the ever - growing demand for consumer electronics, IT and telecom goods. India is an attractive hub for foreign investments in the manufacturing sector as well. Several mobile phones, luxury and automobile brands, among others, have set up or are looking to establish their manufacturing bases in the country. Here rises the demand for skilled professional Electronics Manufacturing Service providers.

Bachelor in Electronic Manufacturing Services

Programme Introduction

Bachelor in Electronic Manufacturing Services is specifically designed for students to gain skills and knowledge of Electronic Manufacturing so that they can relate themselves to the expected surge in Electronic Manufacturing industry.

Eligibility for Admission

The eligibility for admission to Bachelor in Electronics Manufacturing Services is 10+2 or equivalent, in any stream.

Career Prospects/ Job Roles

The job prospects after completion of the course of Bachelor in Electronic Manufacturing Services, are ***Line Supervisor, Production Supervisor, Quality Engineer, Product Quality Control Engineer, Incoming Quality Control Engineer Material Controller and Material Controller.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
EMS 1.1	Fundamentals of Electrical Power Supply	2
EMS 1.2	Identification of components, tools, SOP and Work instructions	2
EMS 1.3	Tools, Equipment and Safety Measures	2
EMS ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
EMS 2.1	Fundamentals of Electronics	2
EMS 2.2	Soldering and De-soldering of Components and Emergency Actions	2
EMS ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
EMS 3.1	Fault Analysis and Repairs	4
EMS 3.2	Good Manufacturing Concept and Practices - I	2
EMS ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
EMS 4.1	Good Manufacturing Concepts Practices - II	2
EMS 4.2	Manufacturing and Quality Norms	2
EMS 4.3	Good Manufacturing Concepts and Practices - III	2
EMS ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
EMS 5.1	Valuation and Storage	2
EMS 5.2	Shelf Life, Warehouse Operations Management and Material Transactions	4
EMS ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
EMS 6.1	Pre-Production Activities	2
EMS 6.2	5S and Supervision	4
EMS ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 30,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Office Automation

Programme Introduction

Students will acquire technical skill for developing embedded based Industrial Automation and Electronic Circuit Development. They will develop strong technical knowledge for establishing instrumentation-based automation system in various industries.

Eligibility for Admission

The eligibility for admission to Bachelor in Office Automation is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

After successfully completing the course students can acquire job in ***Soldering, Calibration, Instrumentation, Piping, PLC, Virtual Instrumentation as Embedded Technician / Supervisor / Manager / Engineer***. ***They can work as Administrative Assistant, Computer Operator, Desktop Support Engineer, Field Support Engineer (IT), Network Engineer, IT Admin.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
OA 1.1	Fundamentals of Electricity and Electronics	2
OA 1.2	Introduction to Biometric Machines, Security Camera with Backup Storage and RFID Tags	2
OA 1.3	Introduction to IRIS Scanner, Fire Alarm, Burglar Alarm and Electronic Locks and Safes	2
OA ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
OA 2.1	Introduction to Printer, Scanner, Photocopier, LED/ LCD Projector and Video Conferencing Equipment	4
OA 2.2	Introduction to Audio System, Sensor Based Lighting and Automatic Doors	2
OA ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
OA 3.1	Computer and its Peripherals	2
OA 3.2	Installation of PC, Peripheral Devices, OS, Drivers and Basic Software	2
OA 3.3	Maintenance and Troubleshooting of Peripheral Devices	2
OA ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
OA 4.1	Introduction to Mobile	2
OA 4.2	Introduction to 3D Printing and Solid State Inverters	4
OA ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
OA 5.1	Basics of Network and Devices	4
OA 5.2	Installation of Networking Devices	2
OA ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
OA 6.1	Maintenance and Troubleshooting of Networking Devices	4
OA 6.2	Brief Overview of MS Office	2
OA ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 30,000/-per annum)

Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)

Caution Deposit (Refundable): Rs.5000/-

Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Refrigeration and Air Conditioning

Programme Introduction

Bachelor in Refrigeration and Air Conditioning Technology programme provides a broad introduction to air conditioning and refrigeration systems, including everyday operation and important refrigerant safety practices. The course is a great overview for maintenance technicians, multi-craft tradespeople, building managers, HVAC technicians or anyone seeking to improve their RAC operation and maintenance skills.

Students are taught common practices and some tricks-of-the-trade for general operation and maintenance of their RAC systems. They will learn about maintenance schedules and servicing, system diagnostics, troubleshooting and fine-tuning to gain maximum efficiency.

The course also covers an introduction to commercial and industrial chillers, regulatory laws and energy conservation.

Eligibility for Admission

The eligibility for admission to Bachelor in Refrigeration and Air Conditioning Technology is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Bachelor in Refrigeration and Air Conditioning Technology industry is on a fast track growth trajectory, provides very dynamic and exciting careers with many different job opportunities such as ***RAC Field Engineer, RAC Mechanical Designers, RAC Installers Sales and Marketing representative, HVAC Operator and HVAC Engineer.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
RAC 1.1	Fundamentals of Electricity and Electronics	2
RAC 1.2	Introduction to Refrigerators A. Domestic Applications B. Commercial Applications C. Modern Technologies and Developments	2
RAC 1.3	Installation and Maintenance/ Servicing, Emergency actions and First-Aid/Safety (Refrigerator)	2
RAC ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
RAC 2.1	Introduction to Air Conditioners and Comfort Cooling: A. Domestic Applications B. Commercial Applications C. Modern Technologies and Developments	4
RAC 2.2	Safety Precautions, Installation and Maintenance/Servicing	2
RAC ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
RAC 3.1	New Technologies and Diagnosis and Repairing of Refrigerators	4
RAC 3.2	New technologies and Developments in Air Conditioners	2
RAC ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
RAC 4.1	Diagnosis and Repairing of Air Conditioners	2
RAC 4.2	Basic Components of Commercial Refrigeration System	4
RAC ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
RAC 5.1	Commercial Applications of Refrigerators	2
RAC 5.2	Commercial Applications of Air Conditioners - I	4
RAC ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
RAC 6.1	Commercial Applications of Air Conditioners - II	2
RAC 6.2	Commercial Air Conditioner Controls and Operating	4
RAC ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 30,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Healthcare

Introduction of the Sector

Healthcare comprising of hospitals, medical devices, clinical trials, outsourcing, telemedicine, medical tourism, health insurance and medical equipment has become one of India's largest sectors – both in terms of revenue and employment. With increased awareness about health, domestic healthcare, medical tourism and health insurance markets are gaining momentum, offering opportunities for trained personnel.

BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care

Programme Introduction

A graduate of BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care is an all-rounder as far as critical care is concerned. The course envisages to build an overall expertise in the students, of managing patients with care, whether it is an in-patient or someone in the OPD. Apart from general patient care the students will specialize in geriatric care and palliative care. They would be capable of offering a range of services like cardiac care or care of cancer patients. The focus of the course will be on geriatric care and palliative care. Data from National Family Health Survey (NFHS) and census shows that life span has increased in general. Hence, provisions for care and support for older population need to have more thrust in the development initiatives.

This includes integrating healthcare components required for older population and developing multi-level interdisciplinary professionals to provide quality care and support to them. In addition to geriatric care, palliative care also is a need of the time. It has been estimated that in India, the total number of people who need palliative care is likely to be 5.4 million people a year. Palliative care is explicitly recognized under the human right to health. The goal of palliative care is to improve quality of life. It is required for a wide range of diseases like cardiovascular diseases, cancer, chronic respiratory diseases, AIDS, diabetes and so on. Palliative care treats a wide range of issues that can include pain, depression, anxiety, fatigue, shortness of breath, constipation, nausea, loss of appetite and difficulty in sleeping.

The need for such professionals has been expressed not only by the healthcare sector employers, but also by the patients. This course will enable students to deliver quality care in all three areas i.e., patient care, geriatric care and palliative care. Students may get job opportunities as nursing assistants in private hospitals, in the home care setting as well as in various developed countries where the life span has increased.

The course thus, aims to fill the gap between the demand for these professionals and dearth of their availability. That apart, the course creates the grounds for enhancing vertical growth opportunities for the Patient Care Management graduate.

The complexity of skill development increases with each level, in correspondence with the standards set by the National Skills Qualification Framework. Thus, each activity would be having an increasing number of tasks every progressive year.

Eligibility for Admission

The eligibility for admission to BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

After completing BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care, the students will be able to find jobs at ***Hospitals (In patient, palliative care OPD) Hospice, Rehabilitation centers, Home care, settings and Nursing Homes.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
PCM 1.1	Foundations of Patient Care - I	2
PCM 1.2	Introduction to the Human Body	2
PCM 1.3	Meeting Basic Needs of the Patient	2
PCM 1.4	Methods of Prevention and Control of Infection in the Hospital	2
PCM ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
PCM 2.1	Foundations of Patient Care - II	2
PCM 2.2	Introduction to Pharmacology and Drug Administration	2
PCM 2.3	First Aid	2
PCM 2.4	Introduction to Palliative and Geriatric Care	2
PCM ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
PCM 3.1	Documentation and Store Keeping	2
PCM 3.2	Common Conditions and Symptom Management in Palliative and Geriatric clients	2
PCM 3.3	Therapeutic Patient Care - I and Pre and Post-Operative Care, Including Wound Care	2
PCM ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Health and Wellness	2
PCM 4.1	Family Health Care	2
PCM 4.2	Pain Management and End of Life Care	2
PCM 4.3	Therapeutic Patient Care - II	2
PCM 4.4	Home Based Palliative and Geriatric Care	2
PCM ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
PCM 5.1	Advanced Patient Care - Respiratory and Cardiac Care	2
PCM 5.2	Advanced Patient Care - Gastrointestinal and Urinary Tract Disorders	2
PCM 5.3	Meeting the Needs of Special Patients - (Maternal and Child Healthcare)	2
PCM 5.4	Emergencies in Palliative and Geriatric care and Rehabilitation	2
PCM ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
PCM 6.1	Advanced Patient Care: Important Neurological Disorders and Miscellaneous Conditions	2
PCM 6.2	Advanced Patient Care - Care of the Patient with Communicable Diseases and Disorders of Eye, Ear, Nose and Throat	2
PCM 6.3	Mental health Care; Interpersonal Relationship, Therapeutic Communication, Patient and Family Education and Counselling	2
PCM 6.4	Psychosocial Legal and Ethical Aspects of Palliative and Geriatric Care	2
PCM ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

BSc in Medical Imaging Technology

Programme Introduction

BSc in Medical Imaging Technology is an undergraduate Medical Lab Technologist course. Medical Imaging is the technique and process of creating visual representations of the Interior of Human Body (i.e., Anatomy) as well as visual representation of the function of some organs or tissues (i.e., Physiology) used for Clinical Analysis and Diagnosis of Medical Intervention.

Eligibility for Admission

The eligibility for admission to BSc in Medical Imaging Technology is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

After completing BSc in Medical Imaging Technology course the students will be able to find jobs in establishments such as ***Diagnostic Centres, Medical Offices, Educational and Research Institutes, Healthcare Management or Administration, Hospitals and Radiology Clinics.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Cred-its**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MIT 1.1	Anatomy and Physiology	2
MIT 1.2	Clinical Pathology	2
MIT 1.3	Radiation Physics and Image Processing Techniques	2
MIT ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
MIT 2.1	Radiology: Equipment, Positioning Techniques and Procedures	2
MIT 2.2	Radiological Procedures	2
MIT 2.3	Radiology : Quality Control and Patient Care	2
MIT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MIT 3.1	Computed Tomography - I	2
MIT 3.2	Computed Tomography - II	2
MIT 3.3	Ultrasound Imaging	2
MIT ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MIT 4.1	Computed Tomography - III	2
MIT 4.2	Mammography, Bone Densitometry and Orthopantomography	2
MIT 4.3	MRI Physics, Systems and Components	2
MIT ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MIT 5.1	MRI – Physics and Angiography	2
MIT 5.2	Protocols in MRI	2
MIT 5.3	Recent advances in Radiology	2
MIT ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MIT 6.1	Effective Administration Skills	2
MIT 6.2	Doppler Ultrasound and PET Scan	2
MIT 6.3	Interventional Radiology and Radiation Therapy	2
MIT ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

BSc in Medical Laboratory Technology

Programme Introduction

A graduate of BSc in Medical Laboratory Technology is an all-rounder as far as technologies in a medical laboratory is concerned. The course envisages to build in an overall expertise in the students, of performing medical laboratory tests, whether it is routine or special tests. The students would be capable of performing a range of tests such as those related to phlebotomy, clinical biochemistry, haematology, serology, cytogenetics, etc. Besides, skills related to lab management and ethics, biomedical waste disposal, personality development, effective communication skills, attitude of health care workers etc. would also be developed in them.

The course creates the grounds for enhancing vertical growth opportunities for the Medical Laboratory Technician graduate.

The course aims to impart students with knowledge regarding Anatomy, so that they understand the investigative aspect adequately to equip themselves to perform laboratory procedures. It will not only help the students to perform investigative procedures more accurately but also help them to perform better in a Pathology Lab.

Eligibility for Admission

The eligibility for admission to BSc in Medical Laboratory Technology is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

Depending upon one's training and qualification, the BSc in Medical Laboratory Technology professionals may work as ***technologists or technicians at medical laboratories.*** The student may start off by working as a technician. Some of the common job profiles available in front of graduates include ***Lab Technician, Lab Technologist, Lab Supervisor and Lab Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MLT 1.1	Anatomy - I	2
MLT 1.2	Physiology - I and Laboratory Basics - I	2
MLT 1.3	Phlebotomy and Waste Management - I	2
MLT ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
MLT 2.1	Anatomy - II	2
MLT 2.2	Physiology II and Clinical Biochemistry - I	2
MLT 2.3	Haematology - I and Clinical Pathology - I	2
MLT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MLT 3.1	Bacteriology and Clinical Biochemistry - II	2
MLT 3.2	Laboratory basics - II and Waste management - II with Lab Ethics	3
MLT 3.3	Histopathology, Cytology and Digital Pathology	3
MLT ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MLT 4.1	Clinical Pathology II (Part 1)	2
MLT 4.2	Virology and Mycology	3
MLT 4.3	Haematology and Blood Banking	3
MLT ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MLT 5.1	Clinical Pathology II (part 2)	2
MLT 5.2	Endocrinology I and Parasitology	2
MLT 5.3	Molecular Biology I	3
MLT ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MLT 6.1	Immunology - II and Endicronology - II	4
MLT 6.2	Molecular Biology - II, Bio Banking (Cell Storing with Cytogenetics)	3
MLT 6.3	Toxicology, Quality Control/ Accreditation Procedures	2
MLT ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

B. Optom (Bachelor of Optometry)

Programme Introduction

B. Optom (Bachelor of Optometry) is a 4-year degree programme in the advanced study of the clinical skills involved in professionally measuring eyesight, prescribing corrective lenses and detecting eye diseases. In this course candidates specialize in the area of Sports Vision, Low Vision Aids, Contact Lens, Paediatric Optometry, Orthotics, Behavioural Optometry, etc. It is the primary health care provider for the treatment and management of the Refractive Disorders and Information Processing. It is career promising in nature and provide many job opportunities for the candidates after the successful completion.

Eligibility for Admission

The eligibility for admission to B. Optom (Bachelor of Optometry) is 10+2 or equivalent, in preferably science stream.

Career Prospects/Job Roles

Successful graduates get employment across both private and government sectors, in areas such as ***Eye Clinics, Optician Showrooms, Contact Lens and Ophthalmic Lens Industry, In hospital OPD Settings of Ophthalmology Department, etc.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
OPT 1.1	Biochemistry and Nutrition	2
OPT 1.2	General Anatomy	2
OPT 1.3	General Physiology	2
OPT 1.4	Physical Optics	2
OPT ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
OPT 2.1	Quality and Patient Safety and Research Methodologies and Biostatistics	2
OPT 2.2	Ocular Anatomy	2
OPT 2.3	Ocular Physiology	2
OPT 2.4	Geometrical Optics	2
OPT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Cred-its**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
OPT 3.1	General and Ocular Pathology	2
OPT 3.2	General and Ocular Microbiology	2
OPT 3.3	Visual Optics	2
OPT 3.4	Optometric Optics	2
OPT ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
OPT 4.1	Ocular Disease I	2
OPT 4.2	Optometric Instruments	2
OPT 4.3	Clinical Examination of Visual Systems	2
OPT 4.4	Public Health and Community Optometry and Introduction to medical psychology	2
OPT ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
OPT 5.1	Ocular Disease II	2
OPT 5.2	Systemic Diseases Affecting Eye, and Basic & Ocular Pharmacology	2
OPT 5.3	Contact Lens	2
OPT 5.4	Ophthalmic Operating Theatre Practice	2
OPT ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
OPT 6.1	Low Vision Care	2
OPT 6.2	Dispensing Optics, Occupational Optometry	2
OPT 6.3	Geriatric Optometry and Paediatric Optometry	2
OPT 6.4	Binocular Vision	2
OPT ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VII		
Course Code	**Course Name**	**Credits**
OPT CI	Clinical Internship	25
OPT RP 1	Research Project 1	5

SEMESTER VIII		
Course Code	**Course Name**	**Credits**
OPT CI	Clinical Internship	25
OPT RP 2	Research Project 2	5

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement. * Year 4 amended as per ordinance.

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

BSc in Dialysis Technology

Programme Introduction

The 3-year undergraduate programme provides students with the opportunity to study the Principles of Dialysis, basic medical science of the kidney, fluid and electrolyte balance, hematologic aspects, infectious diseases, dialysis systems and equipment, vascular access to circulation, blood chemistry, complications of renal failure, psycho-social aspects and an overview of peritoneal dialysis and renal transplantation.
In short, students are trained to operate Dialysis Equipment, inspect and maintain it. Other than technical training, subjects like Human Anatomy and Physiology, Renal Diseases, other relevant diseases, Blood Chemistry, etc. are also covered in this course.

Eligibility for Admission

The eligibility for admission to BSc in Dialysis Technology is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

A career in ***research,*** following the completion of a higher degree is an option chosen by some graduates. Graduates are also eligible for employment overseas where their qualifications, training and experience are highly regarded.
They are also employed in hospitals and private practices as Dialysis Technicians.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DT 1.1	Introduction to Human Anatomy	2
DT 1.2	Introduction to Human Physiology	2
DT 1.3	Introduction to Kidney Disease and Renal Replacement Therapy	2
DT ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DT 2.1	Pathology and Microbiology	2
DT 2.2	Biochemistry and Basic Nutrition.	2
DT 2.3	Principle and Types of Dialysis	2
DT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
DT 3.1	Pharmacology Related to Dialysis Technology	2
DT 3.2	Concept of Kidney Disease	2
DT 3.3	Applied Dialysis Technology - I	2
DT ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
DT 4.1	Equipment in Dialysis.	2
DT 4.2	Patient Care	2
DT 4.3	Applied Dialysis Technology - II	2
DT ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
DT 5.1	Applied Dialysis Technology - III	2
DT 5.2	Clinical Dialysis - I	2
DT 5.3	Renal Nutrition	2
DT ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
DT 6.1	Advance Dialysis Technology	2
DT 6.2	Clinical Dialysis II	2
DT 6.3	Instrumentation	2
DT ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Tourism and Hospitality

Introduction of the Sector

Hospitality comes into picture when any service is offered to the guests. With the expansion of vast tourism industry which employs over 10% of the world's employed population, number of opportunities have opened up for Hospitality Services, be it hotels, restaurants, clubs, spas, vineyards, casinos, cruises, malls, airports, airlines, car rental services and many more. A job in any of these industries can be highly exciting and adventurous and even pays more. The hospitality industry is one of the key drivers of growth among the service sector in India. The growth in the hospitality sector and its contributions to the GDP will continue to be substantially higher than other sectors of the economy on the back of huge tourism potential in the country.

Bachelor in Hospitality Management

Programme Introduction

Bachelor in Hospitality Management is an undergraduate level programme me with the objective to provide adequate knowledge and skills related to Tourism, Travel and Hospitality Management for employment and entrepreneurship.

Eligibility for Admission

The eligibility for admission to Bachelor in Hospitality Management is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

There are numerous opportunities available in hospitality management. Graduates can apply for work at any ***Travel Agencies, Hotels, Restaurants, Tour Operating Companies, Aviation Companies, Event Management companies, Visitor Bureaus, etc.*** Besides these, many hotels and resorts also look for skilled professionals in hotel management.

Some profiles available after Bachelor in Hospitality Management are ***Front Office Executive, Inflight services executives, Spa Managers, Resort Managers, Food and Beverage Executives, Sales Manager, Customer Relationship Executives, Customer Service agents, Managers, Executive Housekeepers, Event Manager, Convention Service Managers and Front Office Managers.*** The graduates can also opt for further education in hotel management.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
THM 1.1	Introduction to Tourism and Hospitality Industry	2
THM 1.2	Overview of Aviation Industry and Foundation Course in Front Office	2
THM 1.3	Food and Beverage Production and Service	2
THM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
THM 2.1	Basics of Event Management - World Geography and Time Zones	2
THM 2.2	Menu Planning and House Keeping - I	2
THM 2.3	Food and accompaniments - Indian and Continental	2
THM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Cred-its**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
THM 3.1	Food and Beverage Production and Service - II	2
THM 3.2	Housekeeping - II and Inflight Services	2
THM 3.3	Food Accompaniment – Oriental and Food Safety and Hygiene	2
THM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
THM 4.1	Food and Beverage Service - III and Restaurant Service	2
THM 4.2	Front Office Operations - II and MICE Activities	2
THM 4.3	Service in Specific Sector and Cabin Crew Career	2
THM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V (Specialization in Hotel Management)		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
THM 5.1	Food and Beverage Management and Services - V	2
THM 5.2	Allied Hospitality Management and Introduction to Cruise Industry	2
THM 5.3	Learning Foreign Language (Spanish)	2
THM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI (Specialization in Hotel Management)		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
THM 6.1	Introduction to SPA Industry Introduction to Car Rental Industry	2
THM 6.2	Food and Beverage Services - IV Entrepreneurship Development	2
THM 6.3	Airline Customer Services	2
THM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Hotel Management

Programme Introduction

Bachelor in Hotel Management is a 3-year job-oriented skill education and training programme in the hotel management domain. The programme imparts skills and knowledge related to hotel management. Hotel management is about the techniques of managing a hotel business including Front Office, Administration, Marketing, Foods and Beverages Management, Housekeeping and Accounts. With the rapid expansion of Tourism industry, the demand for good hotel management professionals has increased tremendously. Hotels and restaurants are looking for skilled professionals who can handle all their activities and help them increase their sales.

Eligibility for Admission

The eligibility for admission to Bachelor in Hotel Management is 10+2 or equivalent, in any stream.

Career Prospects /Job Roles

There are numerous opportunities available in Hotel Management. Graduates can apply for work at various ***Hotels, Restaurants, Cruises, Airlines, Airports, Spa, Travel Agencies, Tour Operating Companies, Event Management Companies, etc.*** Most hotels and resorts always look for skilled professionals in Hotel Management.

Some profiles available after being a Bachelor in Hotel Management are ***Front Desk Executive, Food and Beverage Executive, Housekeeping Executive, Sales Manager, Chef, Resident Managers, Executive Housekeepers, Convention Service Managers and Front Office Managers.*** They can also opt for further education in Hotel Management.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
HM 1.1	Introduction to Hospitality and Overview of Tourism Industry	2
HM 1.2	Foundation Course in Food and Beverage Production and Service - I	2
HM 1.3	Foundation Course in Front Office and House Keeping Operations - I	2
HM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
HM 2.1	Food and Beverage Production and Service - II	2
HM 2.2	Front Office and House Keeping Operations - II	2
HM 2.3	Basics of Event Management and Technology in Hotel Sales	2
HM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
HM 3.1	Food & Beverage Production and Service - III	2
HM 3.2	Front Office & House Keeping Operations - III	2
HM 3.3	Hotel Accountancy and Hotel Automation	2
HM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
HM 4.1	Food and Beverage Production and Service - IV	2
HM 4.2	Front Office and House Keeping Operations - IV	2
HM 4.3	Hospitality Marketing and Allied Hospitality Management	2
HM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
HM 5.1	Food & Beverage Production and Service - V	2
HM 5.2	Front Office and House Keeping Operations - V	2
HM 5.3	Food and Beverage Management and Hotel Costing	2
HM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Cred-its**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
HM 6.1	Food and Beverage Production and Service - VI	2
HM 6.2	Front Office and House Keeping Operations - VI	2
HM 6.3	Hospitality Law and Entrepreneurship Development	2
HM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)

Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)

Caution Deposit (Refundable): Rs.5000/-

Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Hotel Management (Golden Threshold Programme)

Programme Introduction

Golden Threshold Training programme gives a new dimension to higher education in Hospitality Management. School of Skill Education, TISS, manages the academic aspect, covering theory classes and conducting examinations, over six semesters according to approved syllabus. The students will learn on the job in IHCL hotels, as per professionally drawn schedule, covering all aspects of Hotel Management. IHCL will guide, train, mentor and monitor the on-the-job training, with periodic formal evaluations. On successful completion of 6 semesters and corresponding practical training in IHCL hotels, TISS will award Bachelor in Hotel Management. IHCL will pay a stipend covering cost of tuition fees and some other expenses as well.

Eligibility, Programme Requirements and Highlights

- Recent Class XII pass-outs between 17-21 years of age as on July 1, 2023 are eligible to apply.
- Selected candidates must be proficient in written and spoken English.
- TISS SSE will confer a Bachelor's degree upon satisfactory completion of the six-semester course.
- IHCL, through the monthly stipend, will cover the cost of tuition for selected candidates and help defray expenses.
- Deserving students will be offered career placement with IHCL upon graduation.
- The degree does not require any bonds and students are free to pursue other opportunities.

Interested candidates should send their applications to: **GTP@tajhotels.com**

Please include: Name, School, Class X marks (mention your Board), Hobbies, Extracurricular Activities (if any), Accolades (if any)

Programme Locations: Mumbai, Delhi and Bengaluru.

Career Prospects /Job Roles

Deserving students ***will be offered career opportunities with IHCL upon graduation. On joining IHCL, the students can progress in their careers as per the career progression policies of the company.***

The option to join Hotelier Development Programme (in-house Taj Management Training Programme) or Hotels Operations Training (in-house Taj Supervisory Training Programme) will also be opened on programme completion.

The students will not be required to fill any bond and will be free to pursue any available opportunities in any other company or pursue further studies upon completion of the programme. They can also work as Housekeepers, Convention Service Managers and Front Office Managers.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
HM 1.1	Introduction to Hospitality and Overview of Tourism Industry	2
HM 1.2	Foundation Course in Food and Beverage Production and Service - I	2
HM 1.3	Foundation Course in Front Office & House Keeping Operations - I	2
HM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
HM 2.1	Food and Beverage Production and Service - II	2
HM 2.2	Front Office & House Keeping Operations - II	2
HM 2.3	Basics of Event Management & Allied Hospitality Management	2
HM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
HM 3.1	Food & Beverage Production and Service - III	2
HM 3.2	Front Office & House Keeping Operations - III	2
HM 3.3	Hotel Accountancy and Hotel Automation	2
HM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
HM 4.1	Food & Beverage Production and Service - IV	2
HM 4.2	Front Office and House Keeping Operations - IV	2
HM 4.3	Hospitality Marketing & Technology in Hotel Management	2
HM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
HM 5.1	Food and Beverage Production and Service - V	2
HM 5.2	Front Office and House Keeping Operations - V	2
HM 5.3	Food and Beverage Management and Hotel Costing	2
HM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTERI VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
HM 6.1	Food & Beverage Production and Service - VI	2
HM 6.2	Front Office and House Keeping Operations - VI	2
HM 6.3	Hospitality Law and Entrepreneurship Development	2
HM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme fees: Rs. 48,000/-per annum
Examination fees: Rs.1,600/- per semester and Rs. 3,200 per annum
Caution Deposit (Refundable): Rs.5000
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Travel and Tourism

Programme Introduction

The programme defines Tourism, the concepts and principles of tourism industry history, growth and development of Tourism (Historical References), Motivators of tourism, Types of tourism and Categories of tourists.

Eligibility for Admission

The eligibility for admission to Bachelor in Travel and Tourism is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

The employment opportunities visualized for Bachelor in Travel and Tourism are ***Tourist Assistant, Travel Agent, Tour Guide, Tour and Travel Management, Event Management, Entrepreneurship in Tourism Industries and Hotel Assistant.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
TT 1.1	Introduction to Tourism	2
TT 1.2	Modes of Transport	2
TT 1.3	Tourism resources and Products - I	2
TT ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
TT 2.1	Tourism Geography	2
TT 2.2	Travel Agency and Tour Operations - I	2
TT 2.3	Accommodation Sector	2
TT ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
TT 3.1	Tourism Resources and Products - II	2
TT 3.2	Travel Agency and Tour Operations - II	2
TT 3.3	Fare Construction	2
TT ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
TT 4.1	Passenger Ground Service	2
TT 4.2	Marketing	2
TT 4.3	Guiding Skills - I	2
TT ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
TT 5.1	Tourism Demand and Supply	2
TT 5.2	Tourism Marketing	2
TT 5.3	New Concepts in Tourism	2
TT ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
TT 6.1	World Geography and popular destinations	2
TT 6.2	Entrepreneurship in Tourism	2
TT 6.3	Impacts of Tourism	2
TT ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

IT - Information Technology Enabled Services (IT-ITeS)

Introduction of the Sector

In today's digital era Information and Communication Technology have become one of the basic requirements of society. It is difficult to think of any event without the use of digital devices. ITeS sector includes IT services, engineering design, Research and Development (R&D) services and Business Process Outsourcing (BPO) services.

IT includes a wide variety of operations that uses information technology to improve the efficiency of any organization. ITeS services are delivered over telecom or data network to a range of external business areas. The changing economic and business conditions, rapid technological innovation, the proliferation of the internet and globalization are creating an increasingly competitive environment.

The role of technology has evolved from supporting corporations to transforming them. All these factors have made IT-ITeS a competent vertical among others.

Bachelor/BSc in Software Development

Programme Introduction

Software development is the process of conceiving, specifying, designing, programming, documenting, testing and bug fixing involved in creating and maintaining applications, frameworks or other programming segments.

Software development may likewise be called application development and software design. Software development is a procedure of composing and maintaining the source code, however in a broader sense, it incorporates all that is included between the conceptions of the desired software through to the final manifestation of the software.

System software underlies applications and the programming procedure itself and is often developed independently.

Software developers are the creative personalities behind computer programmes. Some develop the applications that enable individuals to do specific assignments on a computer or another device. Others build up the fundamental frameworks that run the gadgets or that control networks. Every business firm or association needs a software programme to perform different tasks which can ease out the work of a person and reduce the requirement of labour.

It is a well-known fact that for any kind of Software application, development of software is required.

Bachelor/BSc in Software Development not only covers programming aspect but also covers other capabilities required in the overall process of software development.

Eligibility for Admission

The eligibility for admission to Bachelor/BSc in Software Development is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Career prospects after Bachelor/BSc in Software Development are working as a ***Software Developer, Front-end Developer, Backend Developer, Web Developer, Desktop Developer, Mobile Developer, Software Engineer, Database Administrator, IT Architect, Network Administrator, Systems Analyst, Graphics Developer, Game Developer, Data Scientist, Big Data Developer, Customer relationship management (CRM) Developer, Software Development Engineer in Test (SDET)***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
SD 1.1	IT Foundations and Programming Concepts	2
SD 1.2	Web Designing	2
SD 1.3	Programming in Python	2
SD ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
SD 2.1	Database Management Systems	2
SD 2.2	Object Oriented Programming with Python	2
SD 2.3	Computer Communication and Networks	2
SD ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
SD 3.1	Programming with Visual Basic.Net	2
SD 3.2	Data Structure	2
SD 3.3	Web Development Using PHP	2
SD ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
SD 4.1	Object Oriented Programming with JAVA	2
SD 4.2	Linux Operating System - Operations and Management	2
SD 4.3	Software Engineering	2
SD ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
SD 5.1	Concepts of Data Mining	2
SD 5.2	Software Testing and Project Management	2
SD 5.3	Multimedia Tools and Applications	2
SD ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
SD 6.1	Android Mobile Application Development	2
SD 6.2	Technology Trends in IT	2
SD 6.3	Web Application Development with ASP.NET MVC and C#	2
SD ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**
Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

BSc in Artificial Intelligence and Machine Learning

Programme Introduction

As per a report published by Gartner, Artificial Intelligence is expected to create a huge job market with around 2.3 million opportunities during 2020-2021. This number gets bigger with each passing day as more and more companies are transforming themselves to harness the power of data lying with them.

"Data is the new oil", there is a deeper truth to this saying than being mere words. Data has been growing by leaps and bounds like never before. Most industries across the globe, adopted data analytics as one of their chief functions since the last decade. This has fueled the development of Artificial Intelligence (AI) and Machine Learning (ML) as chief disciplines. Data analysis has multi-faceted functions; it has helped businesses attain key goals, decipher actionable insights, formulate critical decisions and generate innovative products and services.

The course brings an overall platter of knowledge and skills, needed to hop on the ML and AI domains. With a diligently crafted course curriculum, students will gain a root-level understanding of concepts driving the ML algorithms. Successful completion of the courses will enable students to take on multiple job roles in the data analytics discipline.

Eligibility for Admission

The eligibility for admission to BSc in Artificial Intelligence and Machine Learning is 10+2 Science and Maths

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Career Prospects/Job Roles

Skills in ML can also lead to fresh graduates becoming ***junior data scientists. T***hey can take up the role of a ***Data Scientist in Deep Learning.*** Those interested in end-point security can have a career in ***Automation with ML, for example to recognize file malware threats and deal with them effectively. Many jobs are available as Scientist in Analytics and Machine Intelligence.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
AI 1.1	Foundational Course on Artificial Intelligence (AI) and Machine Learning (ML)	2
AI 1.2	Mathematics for Data Science	2
AI 1.3	Programming Concepts and Problem Solving Using Python	2
AI ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
AI 2.1	Fundamental Programming Using R	2
AI 2.2	Statistics for Data Science	2
AI 2.3	Machine Learning Methods Using Python and R - I	2
AI ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Cred-its**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
AI 3.1	Database Management Systems and Data Warehousing	2
AI 3.2	Programming for AI and ML using Python and R	2
AI 3.3	Advance Statistics for Data Science	2
AI ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
AI 4.1	Machine Learning Methods using Python and R - II	2
AI 4.2	Big Data and NoSQL	2
AI 4.3	Data Visualization and Storytelling with Tableau	2
AI ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
AI 5.1	Natural Language Processing with Machine Learning	2
AI 5.2	Artificial Intelligence and Robotics	2
AI 5.3	Machine Learning for Business Domains - Marketing Analytics	2
AI ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
AI 6.1	Computer Vision Using Artificial Intelligence	2
AI 6.2	Machine Learning for Business Domains - HR Analytics	2
AI 6.3	Machine Learning for Business Domains - Finance and Risk Analytics	2
AI ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 60,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Life Sciences

Introduction of the Sector

The pharmaceutical industry in India ranks 3rd in the world in terms of volume and 14th in terms of value, the Indian pharmaceutical market has a growth of 10 percent year by year.
India contributes the second-largest share of the pharmaceutical workforce in the world. It has 3000 drug companies and about 10, 500 manufacturing units.

With the expected growth rate of 14% per annum, the Indian Pharmaceutical sector is expected to create more jobs in India in the future. The 'Pharma Vision 2020' by the government's Department of Pharmaceuticals aims to make India a major hub for an end to end drug discovery. The pharma sector has a competitive advantage of prospering steadily and thus attracts lots of young professionals looking at pharmaceutical as their prospective career option.

BSc in Pharmaceutical Manufacturing

Programme Introduction

By considering the latest practices in pharmaceutical industry, the syllabus is designed to meet the theoretical aspects required for Skill Education. The syllabus is designed in consultation with subject matter experts from industry and colleges operating in Pharmaceutical domain. The syllabus also offers electives to choose by considering different pharmaceutical products.

Eligibility for Admission

The eligibility for admission to BSc in Pharmaceutical Manufacturing is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

BSc in Pharmaceutical Manufacturing offers opportunities to become ***Health Inspector, Analytical Chemist, Research Officer, Chemical/ Drug Technician, Drug Therapist, Data Manager, Drug Inspector, Hospital Drug Coordinator, Medical Transcriptionist, Regulatory Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
PM 1.1	Pharmaceutical Dosage Forms - I	2
PM 1.2	Pharmaceutical Technology - I	2
PM 1.3	Liquid Dosage Forms and Technology	2
PM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
PM 2.1	Pharmaceutical Dosage Forms - II	2
PM 2.2	Pharmaceutical Technology - II	2
PM 2.3	Good Manufacturing Practices - I	2
PM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
PM 3.1	Pharmaceutical Microbiology	2
PM 3.2	Pharmaceutical Dosage Form - III	2
PM 3.3	Pharmaceutical Chemistry - I	2
PM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
PM 4.1	Pharmaceutical Technology - III	2
PM 4.2	Pharmaceutical Packaging	2
PM 4.3	Quality Control - I	2
PM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
PM 5.1	Pharmacology - I	2
PM 5.2	Good Manufacturing Practices - II	2
PM 5.3	Enterprise Resource Planning and Documentation	2
PM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
PM 6.1	Pharma Regulatory Affairs	2
PM 6.2	Pharmacology - II	2
PM 6.3	Quality Control - II	2
PM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 42,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

BSc in Manufacturing Technology (Pharmaceutical Chemistry)

Programme Introduction

By considering the latest practices in pharmaceutical industry, the syllabus is designed to meet the theoretical aspects required for Skill Education in consultation with subject matter experts from industry and colleges operating in Pharmaceuticals domain.

Eligibility for Admission

The eligibility for admission to BSc in Manufacturing Technology (Pharmaceutical Chemistry) is 10+2 or equivalent, in science stream.

Career Prospects/Job Roles

BSc in Manufacturing Technology (Pharmaceutical Chemistry) opens opportunities for the graduates to work as ***Health Inspector, Analytical Chemist, Research Officer, Chemical/Drug Technician, Drug Therapist, Data Manager, Drug Inspector, Hospital Drug Coordinator, Medical Transcriptionist, Regulatory Manager.***

Semester-wise Listing of Courses

SEMESTER I

Course Code	Course Name	Credits
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MTPC 1.1	Manufacturing Operations I – Size Reduction Techniques	2
MTPC 1.2	Applied Physics	2
MPTC 1.3	Applied Chemistry	2
MTPC ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II

Course Code	Course Name	Credits
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
MTPC 2.1	Applied Chemistry Part II and Basics of Total Productive Maintenance (TPM)	2
MTPC 2.2	Manufacturing Operations II	2
MTPC 2.3	Pharmaceutical Chemistry I	2
MTPC ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III

Course Code	Course Name	Credits
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MTPC 3.1	Manufacturing Operations - III	2
MTPC 3.2	Pharmaceutical Chemistry - II	2
MTPC 3.3	Pharmaceutical Chemistry - III	2
MTPC ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV

Course Code	Course Name	Credits
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MTPC 4.1	Project Management and Supply Chain Management: Introduction	2
MTPC 4.2	Pharmaceutical Chemistry IV and Pharmaceutical Analysis I	2
MTPC 4.3	Manufacturing Operations IV	2
MTPC ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Cred-its**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MTPC 5.1	Manufacturing Operations V	2
MTPC 5.2	Enterprise Resource Plan-ning and Environmental Sciences	2
MTPC 5.3	Supply Chain Management and Strategy	2
MTPC ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MTPC 6.1	Manufacturing Operations VI	2
MTPC 6.2	Good Engineering Practices and Engineering Drawing	2
MTPC 6.3	International Regulatory Perspective of New Drug Development	2
MTPC ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 42,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Management and Entrepreneurship

Introduction of the Sector

Management is a key skill of getting things done through and with people, whereas Entrepreneurship is a mindset that requires creativity, innovation and professional skills while addressing a new opportunity. The process of improving professional skills and knowledge of entrepreneurs and to increase the number of entrepreneurs is the salient aim of the sector.

Bachelor in Sales and Marketing

Programme Introduction

The programme is meant to give the students an initial understanding of what is sales, its brief history, the concept, and processes. The objective of this course is to give the students an insight into the various types of sales and its application to business.

Eligibility for Admission

The eligibility for admission to Bachelor in Sales and Marketing is 10+2 or equivalent, in any stream.

Career Prospects

After completing Bachelor in Sales and Marketing Management course, the graduate will be able to find jobs in sectors and establishments such as ***Retail Chains, Retail Stores, Supply Chain Management Firms, Advertising Firms, Public Relations (PR) Firms, Branding Firms, Sales and Marketing Agencies, Sales and Marketing Consultancy and Market Research Assistant.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
SM 1.1	Understanding Sales	2
SM 1.2	Skills for Effective Sales	4
SM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
SM 2.1	Market Analysis	2
SM 2.2	Sales Process	2
SM 2.3	Methods of Effective Sales	2
SM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
SM 3.1	Sales Distribution Network	2
SM 3.2	B2B and B2C Sales	2
SM 3.3	Reimbursements and Incentives	2
SM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
SM 4.1	Sales in Rural Markets	2
SM 4.2	Use of Social Media for Sales	2
SM 4.3	Market Segmentation	2
SM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
SM 5.1	Retail Sales - I	6
SM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
SM 6.1	Retail Sales - II	6
SM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Operations

Programme Introduction

Bachelor in Operations is concerned with minimizing the total cost of inventory and transportation. The course covers the fundamental principles of supply chain and inventory management, inventory management measurements and techniques are well explained.

Understanding of these techniques will allow students to grasp the technical details of Supply Chain and Inventory Management and apply it to understand the role of Inventory Management in supporting the supply chain process.

Eligibility for Admission

The eligibility for admission to Bachelor in Operations is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

After completing this course, a student will be able to find work at ***logistics management firms such as supply chain management firms.*** In the supply chain management firms, one will be able to perform the roles of ***Logistics Manager, Operations Manager and Assistant Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
OM 1.1	Supply Chain Management	4
OM 1.2	Maintaining a Safe Workplace	2
OM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
OM 2.1	Maintenance of Machine	2
OM 2.2	Quality Management	4
OM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
OM 3.1	Principles of Operations Management	4
OM 3.2	Shop Floor Practices	2
OM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
OM 4.1	Basic Operations Research	2
OM 4.2	Project Management (Basic)	2
OM 4.3	Environmental Studies	2
OM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course-Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
OM 5.1	Project Management (Advanced)	2
OM 5.2	Enterprise Resource Planning (ERP)	4
OM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
OM 6.1	Introduction to Labour Laws	2
OM 6.2	Total Productive Maintenance and TQM	4
OM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Media and Entertainment

Introduction of the Sector

Media and Entertainment industry is powered by technological pace. No doubt the pace of the technology will be doubled and tripled soon. But the main concern is that there should be industry ready workforce. This skilled workforce is created by skill education and training. It is high time to grab the opportunity.

India has a large broadcasting and distribution industry, comprising approximately 900 satellite TV channels, 6000 Multi-system operators, around 60,000 local cable operators, 7 DTH operators and few IPTV service providers.

Bachelor in Graphics and Multimedia

Programme Introduction

Graphics and Multimedia is the combined use of text, graphics, sound, animation, and video. The primary objective of this programme is to teach the students the basic understanding of multimedia. This course also introduces to the students the basics and foundation of Visual Design and Multimedia Design.

Eligibility for Admission

The eligibility for admission to Bachelor in Graphics and Multimedia is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

After completing this course, a student will be skilled to work as ***Executive Producer, Producer/ Project Manager, Creative Writer, Multimedia Designer, Art Director, Visual Designer, Artist, Interface Designer, Subject Matter Expert, Instructional Designer/ Training Specialist, Script Writer, Animator 2D, 3D and Sound Producer.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MEGM 1.1	Introduction to Multimedia Development	2
MEGM 1.2	Introduction to Design and Graphic Design	2
MEGM 1.3	Advanced Graphics Design	2
MEGM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
MEGM 2.1	Typography	2
MEGM 2.2	Digital Video - I	2
MEGM 2.3	Digital Video - II	2
MEV01 ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MEGM 3.1	Branding and Identity	2
MEGM 3.2	Modeling and Texturing	2
MEGM 3.3	Introduction to 3D Animation	2
MEGM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Cred-its**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MEGM 4.1	Art Direction	2
MEGM 4.2	Lighting and Rendering	2
MEGM 4.3	Advanced Animation	2
MEGM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MEGM 5.1	Information Design	2
MEGM 5.2	Motion Graphics - I	2
MEGM 5.3	Motion Graphics - II	2
MEGM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MEGM 6.1	Navigation and Layout	2
MEGM 6.2	Basics of Web Design	2
MEGM 6.3	Advanced Web Design	2
MEGM 6.1	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Journalism

Programme Introduction

The course will cater to well-rounded introduction to the basics of freelance journalism. The key components of writing news, features and vox pops is discussed. The evolution of print media and the designing of news are discussed in detail.

Eligibility for Admission

The eligibility for admission to Bachelor in Journalism is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Print media, internet media, TV, broadcast media
– all forms of mass communication require skilled
journalists to obtain, write, edit, print and broadcast news, events and information. TV Production firms, AIR, Radio Stations, Digital Media firms, Internet Media firms, Print Media firms and NEWS Channels are some of the prime recruiters for Journalism graduates.

In the above mentioned places, graduates may work as a ***Reporter, Editor, Anchor, Broadcast Technician, Cameraman/Photographer, Columnist, Analyst, Writer and Photojournalist.*** Graduates interested in ***self-employment*** can become a ***Freelance Journalist, an Independent Investigative or Photojournalist***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
MEJ 1.1	Communication	2
MEJ 1.2	Design, Graphics and Layout - I	2
MEJ 1.3	Introduction to Print News	2
MEJ ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environment Sciences	2
MEJ 2.1	Media Law and Ethics	2
MEJ 2.2	Design, Graphics and Layout - II	2
MEJ 2.3	Introduction to Broadcast News	2
MEJ ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
MEJ 3.1	New Media	2
MEJ 3.2	Writing for Print	2
MEJ 3.3	Writing for Radio	2
MEJ ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
MEJ 4.1	Writing for Web	2
MEJ 4.2	Writing for Television	2
MEJ 4.3	Photography and Photojournalism	2
MEJ ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
MEJ 5.1	Features, Editorials and Other Formats	2
MEJ 5.2	Development Journalism	2
MEJ 5.3	Documentary	2
MEJ ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
MEJ 6.1	Media Management	2
MEJ 6.2	Alternative Media, Disaster and Minority Reporting	2
MEJ 6.3	Advertising	2
MEJ ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Power

Introduction of the Sector

Power is the most critical requirement towards the development and social parity of any country. With the increasing focus on Sustainable Development and resulting Sustainable Development Goal it is pertinent to harness the Renewable Sources of the Energy to its fullest. The existing source of power generation are also gradually being converted into more sustainable alternatives viz. Solar, Wind, Biomass, etc.

India has a vast supply of renewable energy resources, and it has one of the largest programmes in the world for deploying renewable energy products and systems. Newer renewable electricity sources are targeted to grow massively in the coming years.

The Government of India's estimates, a $100 billion investment, and a strong policy framework to stimulate the immense growth of solar and wind energy markets.

Renewable Energy is generated through various natural resources such as biomass, sun, wind, tides waves and water (hydroelectric power).

According to the Renewables 2022 Global Status Report by REN21, energy-policy think tank, India ranks 4th in renewable energy installed capacity (excluding large hydro), 4th in wind power capacity, and 4th in solar power capacity.

As a part of the Paris Agreement, the Government of India has set an ambitious target of achieving 175 GW of renewable energy capacity by 2022, and 500 GW by 2030.

The awareness for clean energy in domestic and industrial setups with government incentives points to a bright future for trained professionals.

Bachelor in Renewable Energy Technology

Programme Introduction

Bachelor in Renewable Energy deals with each source of renewable energy and the technical aspects associated with them. Let us consider solar energy as an example. The academic programme deals with various aspects of solar energy such as photovoltaic technology, solar power system, solar panels, installation, configuration, cost estimation, etc.

Eligibility for Admission

The eligibility for admission to Bachelor in Renewable Energy Technology in shall be 10+2 or equivalent OR 10 + ITI (Trade : Wireman, Electrician).

Career Prospects/Job Roles

Various sectors in engineering are electrical, environmental, mechanical, biochemical, IT and more. All types of engineers have a great career in the renewable energy sector as their role is to solve problems and develop new technologies.

Some of the prime recruiters are ***Solar Energy Firms, Wind Energy Technology Firms, Tidal Energy Technology Firms and Equipment Manufacturing Firms.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Cred-its**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
RET 1.1	Fundamentals of Solar Energy	2
RET 1.2	Solar Radiation and Energy Conversion	2
RET 1.3	Solar Thermal Engineering and Application	2
RET ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Subject Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
RET 2.1	Solar Photo Voltaic System and Plants	2
RET 2.2	Site assessment Array Structural Design	2
RET 2.3	Solar Energy Storage and Load Management	2
RET ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
RET 3.1	Bio-Gas, Bio-Mass and Bio Fuels	2
RET 3.2	Environmental Impact Assessment (EIA) Waste to Energy Conversions	2
RET 3.3	Micro-Hydro Power, Hydrogen Energy and Fuel Cell	2
RET ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
RET 4.1	Wind Energy Technology and Systems	2
RET 4.2	Other Renewable Energy Resources	2
RET 4.3	Solar Architect and Green Concept in building	2
RET ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
RET 5.1	Power Plant Engineering	2
RET 5.2	Energy Management Auditing and Energy Conversion	2
RET 5.3	Economics and Financing of Renewable Energy Systems	2
RET ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
RET 6.1	Introduction to Energy Financing	2
RET 6.2	Grid Integration and Distributed Generation of RE	2
RET 6.3	Operations and Maintenance and plant safety.	2
RET ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 36,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Retail Association

Introduction of the Sector

Retailing is a vital part of the business industry that involves selling products and services to consumers. With the tremendous growth of the economy, retail management has emerged as one of the fastest growing careers in India. The enormous expansion of the sector has thrown up a big demand for skilled professionals in the field. The Indian retail industry has undergone drastic changes with the consumers looking at convenience with multiplicity of choices under one roof. It has generated huge employment opportunities. This has changed the face of retailing in India. As the sector is booming in India, a career in Retail sector has promising growth potential for the ambitious youngsters.

Bachelor in Retail Management (The Retail Ready Programme)

Programme Introduction

A graduate of Bachelor in Retail Management is an all-rounder as far as managing a retail store is concerned. The course envisages to build an overall detailed understanding in the student, in following adequate retail store practices, process management and developing professional and communication skills. Besides, advanced knowledge related to handling of accounts, distribution of products, navigating through e-sales shall be imparted to the learners.

The need for such professionals has been expressed by not only the retail industry employers, but also the consumers of this industry.

Eligibility for Admission

The eligibility condition for admission to Bachelor programme in Retail Management (The Retail Ready Programme) is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Career in retail sector can be developed as ***Customer Sales Associate, Team Leader, Departmental Manager, Floor Manager, Store Manager, Retail Operations Manager, Retail Buyers and Merchandisers, Visual Merchandisers, Logistic Managers, Warehouse Managers*** and many more.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
RMRR 1.1	Introduction to Retail Store operations	2
RMRR 1.2	In-store Cashiering and Merchandising Operations – I	2
RMRR 1.3	Retail Sales Process Management	2
RMRR ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
RMRR 2.1	In-store Cashiering and Merchandising Operations – II	2
RMRR 2.2	Customer Relationship Management	2
RMRR 2.3	FMCG / FMCD Sales Management	2
RMRR ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
RMRR 3.1	Consumer Behaviour	2
RMRR 3.2	Rural Retailing	2
RMRR 3.3	E commerce and Online Retailing	2
RM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
RMRR 4.1	Retail Sales and Marketing	2
RMRR 4.2	Emerging Trends and Technologies in Retail	2
RMRR 4.3	Safety and Security at Retail Stores	2
RM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
RMRR 5.1	International Retailing	2
RMRR 5.2	Managing Store Operations	2
RMRR 5.3	Team Management	2
RMRR ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
RMRR 6.1	Legal Aspects in Retail Business	2
RMRR 6.2	Economics and Sustainability	2
RMRR 6.3	Role of a Leader at a Retail Store	2
RMRR ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200 per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Retail Management with Specialization in Automotive Retail

Programme Introduction

Bachelor in Retail Management with specialization in Automotive Retail is an undergraduate programme that allows students to acquire excellent technical and soft skills in automobile sales. This unique course enables the students to achieve fast-paced career growth in this industry / sector. The course curriculum covers full spectrum of business processes involved in automobile retail field that allows the students to learn about various aspects of retail business through on-the-job training (OJT) in Automobile showrooms.

Eligibility for Admission

The eligibility for admission to Bachelor in Retail Management with Specialization in Automotive Retail is10+2 or equivalent, in any stream.

Career Prospects/Job Roles

Graduates with specialization in Automotive Retail have the prospects of becoming Customer Sales Associate, Team Leader, Departmental Manager, Floor Manager, Store Manager, Retail Operations Manager, Auto Retailer etc.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
RMAU 1.1	Introduction to Retail Store Operations	2
RMAU 1.2	In Store Cashiering and Merchandising Operations – I	2
RMAU 1.3	Retail Sales Process Management	2
RMAU ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
RMAU 2.1	In Store Cashiering and Merchandising Operations – II	2
RMAU 2.2	Customer Relationship Management	2
RMAU 2.3	Basics of Automobile Technologies	2
RMAU ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
RMAU 3.1	Business Mathematics for Auto Retail	2
RMAU 3.2	Consumer Behaviour	2
RMAU 3.3	Retail Branding	2
RMAU ST3	Skill Training	2
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
RMAU 4.1	Auto Accessories Sales	2
RMAU 4.2	Rural Retailing	2
RMAU 4.3	Auto Finance and Auto Insurance Sales	2
RMAU ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
RMAU 5.1	Legal Aspects of Retail Business and Franchise Management	2
RMAU 5.2	Institutional Sales	2
RMAU 5.3	Value Added Services (VAS-showroom hostess, Ambience, Tele-calling, Negotiations, intro of ERP)	2
RMAU ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
RMAU 6.1	Preowned Vehicle Sales	2
RMAU 6.2	Vehicle Maintenance (Service and Sales)	2
RMAU 6.3	Spare Parts and Inventory Management	2
RMAU ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Bachelor in Retail Management with Specialization in Automotive Retail (in Collaboration with Maruti Suzuki India Ltd.)

Programme Introduction

Bachelor in Retail Management with specialization in Automotive Retail is an undergraduate programme that allows students to acquire excellent technical and soft skills in automobile sales. This unique course which is designed in collaboration with MSIL will enable the students to achieve fast-paced career growth in the automobile retail industry. The course curriculum covers full spectrum of business processes involved in automobile retail field that allows the students to learn about various aspects of retail business through OJT in Maruti Suzuki showrooms. In the first year, students will be required to attend classroom training and in second and third year, they will be required to attend 5 days of OJT per week at Maruti Suzuki Dealership in Mumbai. Students will have an opportunity of 'earn while you learn' and get stipend for 24 months starting with Rs. 8000/- per month in the second year and Rs. 9000/- per month in the third year**.**

Eligibility for Admission

The eligibility for admission to Bachelor in Retail Management with Specialization in Automotive Retail is 10+2 or equivalent, in any stream.

Preferred Age: 18 years to 22 years.

(Minimum 18 years of age is mandatory during the commencement of OJT in second year).

Admission will be through an 'Aptitude Based Entrance Test' and 'Personal Interview'.

Candidates with good communication skills (elementary knowledge in English) are preferred.

Career Prospects/Job Roles

There is placement opportunity at Maruti Suzuki Dealerships and build a fast-paced career in automobile retail. The graduates start career as a ***Relationship Manager*** and move up the ladder based on performance. This programme is focused on imparting industry relevant technical and soft skills to the students, making them readily employable in the automobile retail value chain. Other job prospects comprise of Retail ***Departmental Manager***, ***Retail Store Manager and Visual Merchandiser.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
RMMSIL 1.1	Introduction to Retail Store Operations	2
RMMSIL 1.2	In-store Cashiering and Merchandising Operations – I	2
RMMSIL 1.3	Retail Sales Process Management	2
RMMSIL ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
RMMSIL 2.1	In Store Cashiering and Merchandising Operations – II	2
RMMSIL 2.2	Customer Relationship Management	2
RMMSIL 2.3	Basics of Automobile Technologies	2
RMMSIL ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
RMMSIL 3.1	Business Mathematics for Auto Retail	2
RMMSIL 3.2	Consumer Behaviour	2
RMMSIL 3.3	Retail Branding	2
RMMSIL ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
RMMSIL 4.1	Auto Accessories Sales	2
RMMSIL 4.2	Rural Retailing	2
RMMSIL 4.3	Auto Finance and Auto Insurance Sales	2
RMMSIL ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
RMMSIL 5.1	Legal Aspects of Retail Business and Franchise Management	2
RMMSIL 5.2	Institutional Sales	2
RMMSIL 5.3	Value added Services (VAS-Showroom Hostess, Ambience, Tele-calling, Negotiations, Intro of ERP)	2
RMMSIL ST 5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
RMMSIL 6.1	Pre-owned Vehicle Sales	2
RMMSIL 6.2	Vehicle Maintenance (Service and Sales)	2
RMMSIL 6.3	Spare Parts and Inventory Management	2
RMMSIL ST 6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 48,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

SPORTS

Introduction of the Sector

The sports sector is a dynamic and vibrant space where people come together to pursue their passions and push their limits. Athletes strive for excellence, coaches motivate, and fans celebrate. From local clubs to international competitions, sports create lasting bonds and unforgettable memories. As the industry advances, it is essential to stay current with cutting-edge technologies and innovative approaches to training and fan engagement. Whether you're an athlete, coach, or fan, the sports sector is a powerful force that inspires talents transforms lives. The sports sector provides a wide range of career opportunities for students in fitness training, coaching various sports and physical education.

Bachelor in Sports Management

Programme Introduction

The Bachelor in Sports Management Programme aims at creating a strong foundation in various aspects of sports and administration. The programme incorporates the requirements of various sports in an innovative, holistic and flexible manner while developing well-equipped graduates. The syllabus is designed in such a way that it provides the skill development required to be a professional sports manager. Students benefit from a rich educational experience that equips them to have a successful career in the sports management industry. The objective is to enable the students gain industry relevant knowledge, skill and experience in the field of sports management along with the foundation of Bachelor's level education. The programme is a blend of classroom sessions, industry visits, assignments and master classes conducted by industry experts from respective domains.

Eligibility for Admission

The eligibility for admission to Bachelor in Sports Management is 10+2 or equivalent, in any stream.

Career Prospects/Job Roles

The programme is tailored for aspirants who wish to establish a successful career in sports management and administration. The Programme focuses on various aspects of sports management and administration as well as the management of sports events, finances and other important avenues of sports. With the growing demand for sports management professionals in India, there is an increase in, but not limited to the following career opportunities:

- Coaches
- Track and field experts
- Sports medicine experts
- Trainers
- Sports nutrition experts
- Sports psychologists
- Competition managers
- Sports photographers

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital LIteracy	2
SM 1.1	Introduction to Sports Management	2
SM 1.2	Sports Governance and Sports Organisations	2
SM 1.3	Introduction to Sports Marketing (Part 1)	2
SM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
SM 2.1	Introduction to Sports Marketing (Part 2)	2
SM 2.2	Sports Finance & Budgeting	2
SM 2.3	Sports Event Management	2
SM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
SM 3.1	Sports Sponsorships	2
SM 3.2	Business Development	2
SM 3.3	Partnerships in Sports	2
SM ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
SM 4.1	Fan Engagement	4
SM 4.2	Sports Operations	2
SM 4.3	Facility and Infrastruture Management	2
SM ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER V		
Course Code	**Course Name**	**Credits**
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
SM 5.1	Grassroots, S4D and CSR in Sports	2
SM 5.2	Digital Marketing in Sports	2
SM 5.3	Sports Law	2
SM ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER VI		
Course Code	**Course Name**	**Credits**
GE 6.1	Entrepreneurship	2
GE 6.2	Employment Readiness	2
SM 6.1	**Special Modules Part I**	2
	Media and Broadcasting in Sports	
	Athlete Development and Management	
SM 6.2	**Special Modules Part II**	2
	Sports Merchandising and Retail	
	Introduction to Sports Sciences	
	Sports Technology and Data Analytics	
	Esports and Gaming	
SM 6.3	**Special Modules III**	2
	Sports Technology and Data Analytics	
	Esports and Gaming	
SM ST6	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: (Rs. 1,20,000/-per annum)
Examination Fees: (Rs. 1,600/- per semester and Rs.3200/- per annum)
Caution Deposit (Refundable): Rs.5000/-
Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Post Graduate Diploma Programmes

Post Graduate Diploma Programmes

Post Graduate Diploma under the National Skills Qualifications Framework (NSQF) Level 6

All the PG Diploma programmes offered incorporate specific job roles and their corresponding National Occupational Standards (NOS). This would enable the graduates acquire the desired knowledge, gain appropriate employment, or become entrepreneurs in their fields of interest/ expertise. In this way the students will become self-reliant and subsquently participate/contribute in accelerating the growth of our country's economy.

Objectives of the Programmes

The main goal of the Post Graduate Diploma is to produce highly efficient professionals with the necessary knowledge, skills and attitude to manage effectively, a wide range of pertinent problems faced stream of occupation.

The eligibility criteria have been laid out under each of the programmes offered.

Course Structure

Duration	Semesters	Corresponding NSQF Level	Corresponding NCrF Levels*	Total Hours/ Credits	Award
1 Year	2	6	6 / 6.5	1200 hrs/ 40	Post-Graduate Diploma

The Post-Graduate Diploma Programmes are for a duration of 1 year running across 2 semesters. The total learning hours is 1200 hours and total credits is 40 credits.

*The students can gain/ receive the Post Graduate Diploma at the following two levels of the National Credit Framework (NCrF):

i. Students pursuing the PGD programme after 3-year Bachelor's degree/ 2 semesters of the 2-year Master's degree programme will be awarded the PG Diploma at National Credit Framework (NCrF) Level 6.

ii. Students pursuing the PGD programme after 4-year bachelor's degree will be award the PG Diploma at National Credit Framework (NCrF) Level 6.5 **(Table 5 (C-1: Sr. No.5); page 50: NCrF, April 2023:).**

Agriculture

Introduction of the Sector

Agriculture is one of the most vital skill sectors accounting for 18% of the Indian economy. It accounts for the livelihood of almost 58% of the Indian population. India being the leading producer of pulses, rice, wheat, spices, and spice products is one of the major players in agriculture sector. Furthermore, with the numerous government policies in place, the agriculture sector continues to show healthy symptoms and steadily climbing through the charts in green. Indian Agriculture sector contributes around 23% of the GDP. It provides employment to more than 65% of the population. The sector is facing an increasing complex business environment due to integration of world market, technological advancement, development of the derivative market, etc. To cater to this complexity skilled manpower is required to respond to the current situation and take quick and right decision.

Post Graduate Diploma in Agri Business Management

Programme Introduction

PG Diploma in Agri Business Management aids to skill graduates on Agri business management for managerial position in Agriculture and Allied Industries.

The course will teach the students in working in and as a team, handle extremely stressful conditions and sharpen their decision making capabilities in the field of agriculture.

The broad objectives of the course is to create ready-to-be-employed workforce of Agri business professionals, who would be:

- Having a sound knowledge of the basic protocols and procedures of functioning of Agri business industries.
- Equipped with the right set of aptitudes and attitudes that would make them all encompassing Agri Business Managers.

Eligibility for Admission

The candidate should be a graduate in any discipline. Students with graduation in agriculture and allied sector are desirable.

Employability/Skill Enhancement

Undergoing the PG Diploma in Agri Business Management will give the students an upper hand in comparison to others as they will receive additional specialized training as follows:

- Awareness about agriculture and allied sector
- Adaptability to the dynamic market forces and facing competition.
- Special training in exports, dairy and food technology.
- Ability to assist effectively in managerial decision making.
- Ability to work independently and lead teams.
- Effective handling of assigned tasks.
- Awareness regarding various techniques in agriculture and allied industries.

Career Prospects/Job Role

Agriculture domain is capable of generating an abundant amount of job opportunities and different job profiles every year.

The students with Post Graduate Diploma in Agri Business Management can procure jobs in managerial positions in ***Food Production Companies, Food Processing Companies, Farming Industries, Farming Equipment Manufacturing Industries, Agro-chemical Industries in both Public and Private Sectors.*** Marketing Industries and Retail Industries.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
ABM 1.1	Agri Business Management	2
ABM 1.2	Food Technology and Processing Management	2
ABM 1.3	Dairy Technology and Management	2
ABM 1.4	Agriculture Supply Chain Management	2
ABM 1.5	Marketing Research in Agri Business	2
ABM P1	Domain Project	2
ABM ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
ABM 2.1	Sales and Distribution	2
ABM 2.2	Advance Agriculture Export	2
ABM 2.3	Costing and Financial Management	2
ABM 2.4	Rural Marketing	2
ABM 2.5	Agricultural Economics	2
ABM P2	Domain Project	2
ABM ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 84,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Banking, Financial Services and Insurance

Introduction of the Sector

Banking, Financial Services and Insurance (BFSI) are set to grow exponentially in India due to the rising per capita income, the introduction of new products, innovation in technology, expanding distribution, networking and increasing customer awareness of financial products. BFSI Industry has continued to be a top priority focus industry for India's economic development based on inclusive growth.

Post Graduate Diploma in Banking, Financial Markets and Insurance

Programme Introduction

Post Graduate Diploma in Banking, Financial Markets and Insurance. The programme aims to train the students in various aspects related to banking and its allied areas. The programme covers topics such as banking, finance, insurance, investment, risk management, and more. Banking sector is growing at a healthypace in India. This sector is known to generate ample amount of job.

Eligibility for Admission

The candidate should be a graduate (preferably commerce) from a recognized university in India or abroad.

Employability/Skill Enhancement

Undergoing the Banking, Financial Markets and Insurance diploma will give the students an upper hand in comparison to others, as they will receive additional specialized training as follows:

- Awareness on the functioning of Banks, Financial Markets and Insurance Companies
- Skill training in Baking and Insurance operations
- Ability to assist effectively in processing financial transaction in different fields
- Ability to observe and analyze financial data

- Ability to determine the different kinds of facilities that would be required by customers.
- Effective handling of customer requests and queries
- Awareness regarding various techniques used in financial analysis

Career Prospects/Job Role

Post Graduate Diploma in Banking Financial Markets and Insurance course equips the candidates to function within changing financial conditions and develop already existing skills in the area of Banking and Finance. This course helps to develop cognitive, critical and intellectual as well as research skills to understand how domestic and international banking systems work.

Candidates with a PGDBFMI can be easily employment in ***Corporate Banks, Financial Sector, Banking Sector, and Educational Institutes, etc. They hold positions like Business Analyst, Loan Counsellor, Investment Banker, Finance Manager, Equity Research Analyst, Market Analyst, and Personal Financial Advisor.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
BFMI 1.1	Finance and Bank Accounting	3
BFMI 1.2	General and Retail Banking	3
BFMI 1.3	Advanced Corporate Banking	3
BFMI 1.4	Priority Sector Banking	3
BFMI P1	Domain Project	2
BFMI ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
BFMI 2.1	Indian Financial Markets	4
BFMI 2.2	Insurance Services in India	4
BFMI 2.3	Financial Services Marketing	4
BFMI P2	Domain Project	2
BFMI ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Markets, Banking and Operations

Programme Introduction

Post Graduate Diploma in Markets, Banking and Operations aims to train the students in various aspects related to banking and its allied areas. The program covers topics such as Markets, Banking, risk management, and operations. Banking sector is growing at a healthy pace in India and consequently will generate ample amount of job.

Eligibility for Admission

The candidate should be a graduate (preferably commerce) from a recognized university in India or abroad.

Employability/Skill Enhancement

Undergoing the Markets, Banking and Operations Diploma will give the students an upper hand in comparison to others, as they will receive additional specialized training in specific skill sets mentioned as follows:

- Awareness on the functioning of Banks, Financial Markets and Mutual Funds
- Skill training in Banking and Financial Market operations
- Ability to assist effectively in processing financial transactions in different fields
- Ability to observe and analyze financial data
- Ability to determine the different kinds of facilities that would be required by customers
- Effective handling of customer' requests and queries
- Awareness regarding various techniques used in financial analysis

Career Prospects/Job Roles

This programme enhances the skills of the candidates in the areas of ***Financial Accounts, Customer Behaviour, Effective Business Communication, Investment Banking, Products and Procedures and Banking Services, etc.*** Candidates with the PGDMBO get coveted positions in private as well as government banks as Financial Consultant, Financial Analyst and Customer Relations.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
MBO 1.1	Indian Financial Markets & Securities	4
MBO 1.2	Mutual Funds & Fund Operations	3
MBO 1.3	Principles of Financial Accounting	3
MBO P1	Domain Project	2
MBO ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
MBO 2.1	Banking Products and Operations	4
MBO 2.2	Financial Securities Operations	3
MBO 2.3	Financial Services Marketing	3
MBO 2.4	Domain Project	2
MBO P2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Programme Fees: Rs. 96,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Bank Credit Management

Programme Introduction

Post Graduate Diploma in Bank Credit Management aims to train the students in various aspects related to banking and its allied areas. The programme covers topics such as Banking, Credit management, and operations. Banking sector is growing at a healthy pace in India. Consequently, the sector will generate ample amount of job.

Eligibility for Admission

The candidate should be graduate (preferably commerce) from a recognized University in India or abroad.

Employability/Skill Enhancement

Undergoing the Bank Credit Management diploma will give the students an upper hand in comparison to others as they will receive additional specialized training as follows:

- Awareness of Bank's functioning
- Skill training in Credit Analysis
- Ability to assist effectively in processing credit proposals
- Ability to observe and analyze financial data
- Ability to determine whether to lend to a customer
- Effective handling of customers' requests and queries
- Awareness regarding various techniques used in financial analysis
- Understanding and active participation Credit appraisal and loan processing

Career Prospects/Job Roles

After completing the PGD in Bank Credit Management the students get an opportunity to hold positions as like ***Business Analyst, Loan Counsellor, Investment Banker, Finance Manager, Equity Research Analyst, Market Analyst, and Personal Financial Advisor.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
BCM 1.1	Advanced Corporate Banking	3
BCM 1.2	Financial and Bank Accounting	3
BCM 1.3	Financial Analysis for Lending	4
BCM PR1	Project Report - Financial Modelling using MS Excel	2
BCM ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
BCM 2.1	Banking Advances and Operations	4
BCM 2.2	Loan Monitoring and Review	3
BCM 2.3	Banking and Credit Management: A Risk Management Perspective	3
BCM 2.4	Financial Services Marketing	4
BCM PR2	Project Report – Applied Financial Analysis	2
BCM ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Child Care

Introduction of the Sector

Child care is a broad area that covers a wide spectrum of professionals, institutions, contexts, activities, social, and cultural conventions. The sector covers two components early child development and child protection.

Post Graduate Diploma in Early Childhood Development and Education

Programme Introduction

There is an acute shortage of professionally trained personnel to provide comprehensive services to children in difficult circumstances. There are a large number of personnel working in existing institutions, whether run by government or by non-governmental organizations, who need to be provided with adequate skills and hands-on experiences for dealing with children in an effective manner and providing them quality services.

The cadre prepared through this course will contribute to the Ministry of Women and Child Development's plans to holistically examine methods of rationalizing programmes and approaches for creating a strong protective environment for children, diversify and provide essential services for children, mobilize inter-sectoral response for strengthening child protection and set standards for care and services.

The importance of early care and education for children's lifelong learning has been widely established and acknowledged. The early childhood period, spanning from pre-natal to 8 years, is the most critical and sensitive period in the life span of an individual as it coincides with phenomenal brain development. Children's exposure to quality experience in the early years of life is critical to their development and learning outcomes.

Eligibility for Admission

The candidate should be a graduate in any discipline.

Employability/Skill Enhancement

Undergoing the PG Diploma in Early Childhood Development and Education will give the students an upper hand in comparison to others as they will receive additional specialized training as follows:

- Awareness of government programmes/schemes for young children's holistic development.
- Adaptability to Early Childhood Care education and development settings.
- Special training in execution of programmes and government schemes for young children's holistic development effectively.
- Ability to function effectively as teachers of Anganwadi centre, private pre-schools and play schools as well as voluntary sectors.
- Understanding of pre-school as well as other ECCE programmes/centers catering to young children and their development.
- Ability to develop professional approach regarding their roles and responsibilities, ethics and rights of the children.
- Ability to administer plans and practices related to children's development, behavior and learning needs.
- Training for Reflective practice and becoming a reflective practitioner.
- Ability to learn practical application of knowledge related to children's development.
- Awareness regarding various techniques of professional development programmes that exist for teachers of Anganwadi centres, private and voluntary sectors.

Career Prospects/Job Roles

The job options for a student with Post Graduate Diploma in Early Childhood and Development is specialised because it is a coveted course which only focuses on early childhood education. Due to this, job options are restricted to teaching areas like ***Schools, Anganwadis, Pre-Schools, Tuitions, Day Care Centres etc***. The job profiles also range from being an elementary teacher, curriculum designer and academic coordinator.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
ECDE 1.1	Child Development	2
ECDE 1.2	Teaching Learning Strategies	2
ECDE 1.3	Activities and experiences for Children	2
ECDE 1.4	Curriculum Planning and Implementation	2
ECDE 1.5	Health, Hygiene and Safety	2
ECDE 1.6	Rights of Children: Implications for ECCE Practice	2
ECDE ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
ECDE 2.1	Introduction to Children with Special Needs	2
ECDE 2.2	Assessment of ECCE Programmes	2
ECDE 2.3	Partnering with Parents and Community	2
ECDE 2.4	Personal and Professional Development	2
ECDE 2.5	Organization, Management and Leadership	2
ECDE 2.6	Guiding Children in Contemporary Context	3
ECDE P2	Project	2
ECDE ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 84,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Healthcare

Introduction of the Sector

Health Care comprising of hospitals, medical devices, clinical trials, outsourcing, telemedicine, medical tourism, health insurance and medical equipment has become one of India's largest sectors – both in terms of revenue and employment. With increased awareness about health, domestic healthcare, medical tourism and health insurance markets are gaining momentum, offering opportunities for trained personnel.

Post Graduate Diploma in Medical Laboratory Technology

Programme Introduction

A Post Graduate Diploma in Medical Laboratory Technology is a programme that envisages to build in an overall expertise in the student, to perform lab services including special tests. The students would be capable of performing a range of tests such as those related to clinical biochemistry, haematology, serology, cytogenetics in an emergency situation.

Eligibility for Admission

The eligibility criteria for the PG Diploma in Medical Laboratory Technology is a qualified graduate holding a degree in Science/Applied Science/ Bachelor in Medical Laboratory Technology from any University of repute.

Career Prospects/Job Roles

Once the student completes the course, he/she will be able to work in various pathology laboratories, hospitals as ***Lab Technician, Senior Lab Technician, Medical Lab Technician, Lab Technician, Lab Manager*** based on the experience.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDMLT 1.1	Anatomy	2
PGDMLT 1.2	Physiology and Laboratory Basics	2
PGDMLT 1.3	Phlebotomy and Waste Management	2
PGDMLT 1.4	Biochemistry and Lab Ethics	3
PGDMLT 1.5	Haematology and Immunology	4
PGDMLT 1.6	Parasitology and Toxicology	3
PGDMLT P1	Project	4
PGDMLT ST 1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDMLT 2.1	Clinical Pathology	2
PGDMLT 2.2	Bacteriology, Mycology and Histopathology	2
PGDMLT 2.3	Virology	2
PGDMLT 2.4	Endocrinology and Blood Banking	2
PGDMLT 2.5	Molecular Biology	2
PGDMLT 2.6	Operational Management	2
PGDMLT P2	Project	2
PGDMLT ST 2	Skill Training	10
CDPNE	*Domain Practicum	NC

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,20,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Emergency Medical Services

Programme Introduction

A Post Graduate Diploma in Emergency Medical Services (PGDEMS) is a programme that envisages to build an overall expertise of medical professionals, in attending medical emergencies.

The main goal of the programme is to produce highly efficient medical resource with the necessary knowledge, skill and attitude to manage a wide range of clinical problems in emergencies. Special emphasis is placed on the relatively common emergencies.

The participants will be updated about all the current protocols in diagnosing and treatment of all medical and surgical emergencies.
As a result of training in this course, the medical professional would become competent in life saving emergency interventions during Pre Hospital Emergency Care efficiently and promptly to save the critically ill patient within the golden hour that is most required.

On successful completion of the course the participant will be prepared to act as first responder in an event of mass disaster and provide medical relief in prehospital settings, will have highly demanding skills and competencies to work in the field of Prehospital Emergency and Accident and Emergency Departments of Hospitals. The versatile nature of training also makes a candidate the choice for employment in 'A&E' room of a hospital, EMS systems, and On-site clinics of the factories and off shore installations.

The course lays foundation for diverse kinds of skills and competencies relevant for the specific job-role. The course is designed as per standards set by industry.

Eligibility for Admission

The candidate should have completed graduation in one of the following degree courses: MBBS/ BHMS/ BAMS/BUMS/BDS/B.Sc. (Nursing)/ B.Voc. in EMS, BPMT (Anaesthesia), BPMT (EMS) or equivalent.

Employability/Skill Enhancement

- Students will be skillfully trained and will have an upper hand in:
- Awareness of entire skill set required in Pre- Hospital Medical and Traumatic Emergencies
- Adaptability to efficiently deliver emergency care, work and operate emergency medical services.
- Special training in handling Airway, Breathing, Circulation and Deformity
- Ability to assist Emergency Physicians effectively in entire spectrum of pre-hospital emergencies and emergency room patient care.
- Understanding of careful handling of medical and traumatic emergencies in adults, children and infants
- Ability to observe and deliver emergency care as per the standard prehospital care protocols.
- Ability to administer efficient emergency care on the streets, patients' home and Emergency Departments of the Hospitals.
- Training in administering life-saving medication under the guidance of the Emergency Physician or Medical Director of the EMS System
- Ability to work in EMS systems
- Effective handling of Ambulance operations
- Awareness regarding various techniques in managing the Airway, Breathing, Circulation, Defibrillation, Lifts and Carrying the patient, routes of administration of medications, bandaging and splinting and other lifesaving medical and surgical interventions

Career Prospects/Job Roles

The students with PG Diploma in Emergency Medical Services have wide avenues open.
They have many employment opportunities in provincial emergency and rescue services, private emergency services, the mining industry, as well as international occupational health, safety and emergency services. They get placed as ***Clinical Investigator, Clinical Research Physician, Medical Coordinator, Quality Analyst, Scientific Affairs Medical Advisor, Strategy Manager, Surgery Coder and Technology Analyst.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Cred-its**
PGDEMS 1.1	Patient Assessment and Airway Management - I	7
PGDEMS 1.2	Pharmacology and Trauma manage-ment	7
PGDEMS SL1	Practical Skill Lab	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Cred-its**
PGDEMS 2.1	Medical Emergencies Management	2
PGDEMS 2.2	Special Patient Population and Operations	2
PGDEMS SL2	Practical Skill Lab	4
PGDEMS P1	Project	4
PGDEMS ST1	Skill Training	12

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,20,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Critical Care Technology

Programme Introduction

This course is created to address the manpower shortage in the Intensive Care arena. The future medical environment will require versatile trained individuals in a variety of medical interventions. Currently clinicians are overwhelmed by technical advancements in the health care and it has become imperative that trained technicians are available to deliver competent care to the patients using current technology and be equipped to address future modifications in the current practice. Addition of trained ICU Technicians capable of handling mechanical ventilators and other ICU related equipment are an asset that strengthens and facilitates the functioning of an Intensive Care Unit.

Eligibility for Admission

The candidate should have completed BSc Nursing, BHMS, BAMS and BUMS, PGDEMS with 2 years' experience of working in Intensive Care Department/Emergency Department/ EMS; MBBS, BSc Nursing with Certificate in Critical Care Nursing/Emergency Care Nursing; BHMS, BAMS, BUMS with PGD in Emergency Medical Service or equivalent BSc (EMT)/ B.Voc (EMS) or equivalent

Employability/Skill Enhancement

The employability for Intensive Care Technologist is in large hospitals, major nursing homes having ICU/ NICU.

Career Prospects/Job Roles

The students with PG Diploma in Critical Care Technology have wide range of job opportunities open. They get job as ***Intensive Care Unit Technologist, Emergency Medicine Physician, CAT Technician, Dialysis Assistant, Respiratory Therapist and Critical Care Technician.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDCCT 1.1	Basic Ventilation	4
PGDCCT 1.2	Basics of Critical Care Technology - I	4
PGDCCT SL1	Practical Skills Lab	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDCCT 2.1	Advance Ventilation	4
PGDCCT 2.2	Basics of Critical Care Technology - II	4
PGDCCT SL 2	Practical Skill Lab	4
PGDCCT P1	Project	4
PGDCCT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Dialysis Technology

Programme Introduction

Post Graduate Diploma in Dialysis Technology specifically aims at those pursuing a professional career in Dialysis Technology. It is designed to provide specialized training both in basic scientific principles of modern Dialysis Technology and in the application of these principles.

Eligibility for Admission

Following will be the criteria for selection of the candidates:

a) Bachelor's Degree in Science
b) BSc. Nursing.
c) B.Voc. in Dialysis Technology
d) BSc in Dialysis Technology.

Employability/Skill Enhancement

Considering the rigorous, work integrated education and training/skilling process that the SSE students undergo the industry are oftentimes open to employ the students attached with them as full-time employees.

Career Prospects/Job Roles

Dialysis Technologist can function as ***Dialysis Technician, Research Assistant or Lecturers***. They could also be employed in the technical line of dialysis equipment repair and maintenance.

The professionals will be able to provide high standards of care to patients who have chronic kidney diseases. They get mastery in renal replacement therapy and expertise to bring forth new ideas in the field of renal dialysis.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDDT 1.1	Fundamental of Dialysis Technology	2
PGDDT 1.2	Technical aspect of Dialysis Technology	2
PGDDT 1.3	Applied Dialysis Technology	2
PGDDT1.4	Fundamentals of Management	2
PGDD ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDDT 2.1	Clinical Dialysis	2
PGDDT 2.2	Research Methodology	2
PGDDT 2.3	Technical aspect of Dialysis Technology II	2
PGDDT 2.4	Advance Dialysis	2
PGDDT P2	Project / Case Study	8
PGDDT ST 2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 84,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Advanced Histotechnology and Cytotechnology

Programme Introduction

Histotechnology is highly demanding especially in the context of cancer diagnosis. Although informal short-term training is available, a structured training course is lacking. Diploma courses in medical laboratory technology offer a very cursory introduction to the subject with little or no practical training. Moreover, the theoretical underpinnings of the specialty are under emphasized. A specialized Histotechnology course conducted by a dedicated histopathology laboratory is the need of the hour.
Cytotechnology is the microscopic study of body cells to detect cancer, viral and bacterial infections, and other abnormal conditions. Cytotechnologists usually work closely with a pathologist.

Programme Objectives

- Prepare the students to independently organize and manage a histopathology laboratory with all necessary infrastructure.
- At the end of the training the students should be able to process tissues independently, cut sections and stain them by the routine haematoxylin and eosin staining procedure and be able to do the most commonly used special staining techniques wherever required. They will be confident of performing IHC and other histology related techniques.
- The students should also be acquainted with quality procedures, and be able to prevent and rectify problems if they should arise. They should also be familiar with quality assurance standards that pertain in this country.
- The objective of cytotechnology is to centralize information on both the infrastructure of cell technology and the applied use of cell cultures to generate a better understanding of the many facets and disciplines needed to develop successful cell culture process.

Eligibility for Admission

The candidate should have completed BSc (Life Sciences/Microbiology/Biosciences/Chemistry with Biology + MLT, BSc. MLT, MSc MLT and B.Voc. MLT)

Career Prospects/Job Roles

The career prospects for a histotechnologist is in large hospitals, major pathology laboratories where a histopathology division is functional. Other avenues are ***veterinary services, private research labs, pharmaceutical companies, research organisations, and forencic labs. Employment opportunities abroad*** are also bright**.**

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDHC 1.1	Basics of Tissue Processing - I	3
PGDHC 1.2	Microtomy and Basic Chemistry	3
PGDHC P1	Project	4
PGDHC ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDHC 2.1	Frozen Section and Enzyme Histochemistry	3
PGDHC 2.2	Cytology, Molecular Pathology and Quality Control	3
PGDHC P2	Project	4
PGDHC ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,08,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

IT - Information Technology Enabled Services (IT-ITeS)

Introduction of the Sector

In today's digital era Information and Communication Technology have become one of the basic requirements of society. It is difficult to think of any event without the use of digital devices. ITeS sector includes IT services, engineering design, R & D services and BPO services.

IT includes a wide variety of operations that uses information technology to improve the efficiency of any organization. ITeS services are delivered over telecom or data network to a range of external business areas. The changing economic and business conditions, rapid technological innovation, the proliferation of the internet and globalization are creating an increasingly competitive environment.

The role of technology has evolved from supporting corporations to transforming them. All these factors have made IT-ITeS a competent vertical among others.

Post Graduation Diploma in Computer Applications

Eligibility for Admission

The students who have successfully completed graduation in any stream or equivalent course are eligible to take admission.

Employability/Skill Enhancement

Considering the rigorous, work integrated education and training/skilling process that the SSE students undergo the industry are oftentimes open to employ the students attached with them as full-time employees.

Pursuing Post Graduation Diploma in Computer Applications will give the students, an upper hand in comparison to others as they will receive additional specialized training as follows:

- Basic understanding of computer and its terminology
- Manage, co-ordinate and resolve incidents as quickly as possible at primary support level
- Dealing with basic service requests and incidents at the IT help desk
- Build and maintain positive and effective relationships with customers
- Problem-solving approaches in different situations
- Select appropriate technology to use to develop any given application
- Background knowledge of programming languages such as C#, MVC, etc.
- Skills of Accounting and Financial Management
- Plan and organizing the work in order to complete it to the required standards on time
- Work effectively with colleagues, either in own work group or in other work groups within organization
- Analyze inputs from appropriate people to identify, resolve and record design defects and inform future designs
- Develop basic programming structures to implement functionality.

Career Prospects/Job Roles

PGDCA students can get in to job roles like ***Software Engineer, Computer Programmer and Analyst, Interface Engineer, Information Security Analyst and IT Consultant, SEO, Web Marketing Analysis.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDCA 1.1	Fundamentals of Computers and Information Technology	2
PGDCA 1.2	Operating System - Windows	2
PGDCA 1.3	Office Automation	2
PGDCA 1.4	Basics of HTML and CSS	2
PGDCA 1.5	Database Management Systems	2
PGDCA 1.6	Accounting and Financial Management	2
PGDCA P1	Domain Project	2
PGDCA ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDCA 2.1	Advance Office Automation	2
PGDCA 2.2	Web Application Development with ASP.NET, MVC and C#	2
PGDCA 2.3	Fundamentals of E-Commerce	2
PGDCA 2.4	Web Marketing Analytics	2
PGDCA 2.5	Search Engine Optimization	2
PGDCA 2.6	Work Management and Health and Safety at Work Place	2
PGDCA P2	Domain Project	2
PGDCA ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 84,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Software Development

Programme Introduction

Post Graduate Diploma course in Software Development is of one-year duration in IT sector. The course has strong components of skill based and work integrated training in order to meet the demands of the Industry for skilled workforce with higher qualification at the postgraduate level.

The objective of this programme is to develop system programmers and analysts to meet the manpower requirement of fast developing software industry. The programme is designed to enrich the programming and analysis ability of students.

The course content includes Advance programming Languages such as JAVA, ASP.NET MVC and C#, Web development using PHP, Packages such as MS Office and Database management systems. It also includes the module of Mobile application development and Software project management which lead to enhance their knowledge towards different phases of software project.

The programme is designed to produce a dynamic breed of computer professionals with excellent managerial skills. Emphasis is given to in-depth studies of numerous application - oriented subjects, covering various methodologies to develop software products efficiently by utilizing advance networking technologies and application software.

Eligibility for Admission

BSc IT, BCA, B. Tech - IT or equivalent with relevant qualification in Computers.

Employability/Skill Enhancement

Considering the rigorous, work integrated education and training/skilling process that the SSE students undergo the industry are oftentimes open to employ the students attached with them as full-time employees.

Undergoing the Post Graduate Diploma in Software Development will give the students, an upper hand in comparison to others as they will receive additional specialized training as follows:

- Basic understanding of computer and its terminology
- Dealing with basic service requests and incidents at the IT help desk
- Manage, co-ordinate and resolve incidents as quickly as possible at primary support level
- Build and maintain positive and effective relationships with customers
- Problem-solving approaches in different situations
- Select appropriate technology to use to develop any given application
- Background knowledge of programming languages such as C#, MVC, etc.
- Skills of Accounting and Financial Management
- Plan and organizing the work in order to complete it to the required standards on time
- Work effectively with colleagues, either in your own work group or in other work groups within your organization
- Analyze inputs from appropriate people to identify, resolve and record design defects and inform future designs
- Develop basic programming structures to implement functionality.

Career Prospects/Job Roles

PGSD students can get in to job roles like ***Software Engineer, Computer Programmer and Analyst, Interface Engineer, Java Developer, Project Manager, Information Security Analyst and IT Consultant.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDSD 1.1	Advance Computing and MS Office	2
PGDSD 1.2	Database Management Systems	2
PGDSD 1.3	Object Oriented Programming with JAVA	3
PGDSD 1.4	Web Development Using PHP	3
PGDSD P1	Project	2
PGDSD ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDSD 2.1	ASP.NET MVC and C#	3
PGDSD 2.2	Android Mobile Application Development	3
PGDSD 2.3	Software Engineering and Project Management	3
PGDSD 2.4	Big Data Hadoop	3
PGDSD P2	Project	2
PGDSD ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Cyber Security (joint teaching program with Rashtriya Raksha University, Gandhinagar,Gujarat)

Introduction of the Sector

In today's digital era Information and Communication Technology (ICT) have become one of the basic requirements of society. It is difficult to think of any day to day activity without the use of digital devices. IT-ITeS sector includes IT services, engineering design, R & D services, BPO services. IT includes a wide variety of operations that uses information technology to improve the efficiency of any organization. IT enabled services are delivered over telecom or data network to a range of external business areas. The changing economic and business conditions, rapid technological innovation, the proliferation of the internet and globalization are creating an increasingly competitive environment. The role of technology has evolved from supporting corporations to transforming them. All these factors have made IT-ITeS a competent vertical among others. Information and Communication Technology (ICT) is very pertinent for the young generation in their education, employment and also for compliance of law and order in society.

Programme Introduction

Cybersecurity is an increasingly important field in our interconnected world, with the rise of digitalization and the internet of things. Cyber-attacks can have severe consequences, including data breaches, financial losses, and reputational damage. It is essential to have robust cybersecurity measures in place to protect against these threats. Implementing a cybersecurity programme can help to reduce the risks of cyber-attacks and safeguard valuable data and information.

The Post Graduate Diploma in Cyber Security is a one-year full time post graduate program, which is a joint teaching program offered by TISS, School of Skill Education and Rashtriya Raksha University, Gandhinagar (RRU).

This is a specialized program that equips students with the knowledge and skills to identify, prevent, and respond to cyber threats. The programme covers many topics, including cyber law, network security, cryptography, ethical hacking, cybercrime investigations, and risk management.

In this joint teaching programme, the Semester I will be conducted at TISS,Mumbai campus and semester II will be conducted at RRU Campus, Gandhinagar. The students are expected to stay at Gandhinagar for approximately 3 months in semester II.

Eligibility for Admission

Bachelor's degree in Computer Sciences, Information Technology (BE / B-Tech in IT / CS , BSc - IT, BCA) or any other Bachelor's degree with programming knowledge. In addition in-service personnel from Police, Defence, Paramilitary forces and related units with basic knowledge of programming can apply.

Career Prospects/Job Roles

Post Graduate Diploma in Cyber Security can help individuals pursue careers in the Cyber security field, including positions such as Cyber security Analyst, Information Security Consultant, Network Security Engineer, Cyber security Specialist in the field of Computer forensics and Data Security.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGCS101	Information Technology and Basics of Networking	2
PGCS102	Programming Language	3
PGCS103	Cyber Security and Security Architecture	3
PGCS104	Cyber Law	3
PGCS105	Emerging Technologies and Trends	3
PGCSST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGCS201	Industrial Control System and Security	3
PGCS202	Contemporary Cyber Threats and Mitigation	3
PGCS203	Governance, Risk and Compliance	2
PGCS204	Digital Forensics and Incident Response	2
PGCS205	Capstone Project	4
PGCSST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Programme Fees: Rs. 1,60,000/- per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

LOGISTICS

Introduction of the Sector

The logistics sector serves as the backbone of global commerce, facilitating the movement of goods from manufacturers to consumers with efficiency and precision. It encompasses a wide range of activities including transportation, warehousing, inventory management, and distribution. According to the Bureau of Labor Statistics (BLS), employment in the transportation and logistics sector is projected to grow by 18% from 2022 to 2032, which is faster than the average for all occupations. The rise of e-commerce is a significant driver, with global sales projected to reach $6.38 trillion by 2024, as reported by Statista.
Consequently, there is an escalating need for robust logistics infrastructure to fulfil orders and manage deliveries. From supply chain analysts to inventory managers, the sector offers diverse career paths across various skill levels. As businesses continue to expand their operations and adapt to evolving consumer demands, the logistics industry remains a promising field for employment and career growth.

Post Graduate Diploma in Supply Chain and Logistics Management

Programme Introduction

The Post Graduate Diploma in Supply Chain and Logistics Management is a one-year, full time post graduate diploma programme, which is offered by the School of Skill Education, TISS.

The programme intends to prepare students for a wide range of highly industry relevant careers both inside and outside the logistic industry, including Foreign Trade, Logistics, Legal and Regulations, Marketing Management, and Industrial Management by equipping students with knowledge in supply chain management, including buying, inventory control, supplier development, customer service, logistics, and distribution.

Eligibility for Admission

Bachelor's degree in any stream

Career Prospects/Job Roles

1. Supply Chain Manager: Overseeing the entire supply chain process, from procurement to distribution, ensuring efficiency and cost-effectiveness.
2. Logistics Manager: Managing the transportation, warehousing, and distribution of goods, optimising routes and delivery schedules.
3. Procurement Manager: Responsible for sourcing goods and services, negotiating contracts with suppliers, and ensuring timely delivery of materials.
4. Operations Manager: Overseeing day-to-day operations within a company's supply chain, ensuring smooth functioning and coordination between different departments.
5. Inventory Manager: Managing inventory levels, optimising stock levels to meet demand while minimising excess inventory and holding costs.
6. Distribution Manager: Managing the distribution network, including warehouses and distribution centres, to ensure timely delivery to customers.
7. Supply Chain Analyst: Analysing data and trends within the supply chain to identify areas for improvement and cost savings.
8. Transportation Manager: Managing transportation operations, including selecting carriers, negotiating rates, and optimising shipping routes.
9. Warehouse Manager: Overseeing the efficient operation of warehouses, including inventory management, picking, packing, and shipping processes.
10. Consultant: Providing advisory services to companies on optimising their supply chain processes, improving efficiency, and reducing costs.
11. Logistics Coordinator: Coordinating the movement of goods, tracking shipments, and ensuring timely delivery to customers.

12. Procurement Specialist: Focusing on specific areas of procurement, such as strategic sourcing, supplier relationship management, or contract negotiation.
13. Quality Assurance Manager: Ensuring products meet quality standards throughout the supply chain, implementing quality control measures and conducting audits.
14. Supply Chain Planner: Forecasting demand, planning production schedules, and coordinating with suppliers to ensure the availability of materials.
15. Sustainability Manager: Developing and implementing sustainable practices within the supply chain, such as reducing carbon emissions and minimising waste.

Knowledge Partner for Skill Training

Redington – COLTE, Chennai

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGSCLM 1.1	Introduction to Logistics and Supply Chain	2
PGSCLM 1.2	Applied GIS and Spatial Data Analytics	2
PGSCLM 1.3	Logistic Documentation - International Trade Procedures	2
PGSCLM 1.4	Optimisation Technique - Distribution Manage-ment for Global Supply Chain	2
PGSCLM 1.5	Data Analytics	2
PGSCLM 1.6	Strategic Management	2
PGSCLM P1	Project	2
PGDSCLM ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGSCLM 2.1	Containerization and Multimodal Transport	2
PGSCLM 2.2	Inventory Control - Procurement, Storage and Warehouse Management	2
PGSCLM 2.3	Project Management - Plant Location and Layout	2
PGSCLM 2.4	Port and Airport Management for Logistics	2
PGSCLM 2.5	Operation and Supply Green Chain Risk Modelling and Management	4
PGSCLM P2	Project	2
PGDSCLM ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs.1,20,000/-per annum
Examination Fees: Rs. 5000/- per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Data Science for Logistics

Introduction of the Sector

The logistics sector serves as the backbone of global commerce, facilitating the movement of goods from manufacturers to consumers with efficiency and precision. It encompasses a wide range of activities including transportation, warehousing, inventory management and distribution. According to the Bureau of Labor Statistics (BLS), employment in the transportation and logistics sector is projected to grow by 18% from 2022 to 2032, which is faster than the average for all occupations. The rise of e-commerce is a significant driver, with global sales projected to reach $6.38 trillion by 2024, as reported by Statista.
Consequently, there is an escalating need for robust logistics infrastructure to fulfil orders and manage deliveries. From supply chain analysts to inventory managers, the sector offers diverse career paths across various skill levels. As businesses continue to expand their operations and adapt to evolving consumer demands, the logistics industry remains a promising field for employment and career growth.

Programme Introduction

The Post Graduate Diploma in Data Science for Logistics is a one-year, full time post graduate diploma programme which is offered by the School of Skill Education, TISS.
In today's rapidly evolving business landscape, data science has emerged as a pivotal tool for unlocking insights, optimising processes, and driving strategic decision-making across industries. Within the realm of logistics and supply chain management, the integration of data science holds immense promise for enhancing efficiency, reducing costs, and mitigating risks. This Post Graduate Diploma Programme aims to equip students with the specialised skills and knowledge required to navigate this intersection between data science and logistics.

Eligibility for Admission: Bachelor's degree in any stream

Career Prospects/Job Role

1. Data Analyst: Analyses transportation data and optimises supply chain efficiency.
2. Supply Chain Analyst: Optimises inventory management and procurement processes.
3. Project Manager: Leads logistics projects using data-driven insights.
4. Operations Analyst: Improves port and airport operations efficiency.
5. Sustainability Specialist: Develops green supply chain strategies.
6. Blockchain Logistics Specialist: Implements blockchain for transparency and security.
7. IoT Analyst: Monitors and optimises logistics processes in real-time.
8. Documentation Specialist: Streamlines logistic documentation processes.
9. Supply Chain Manager: Optimises supply chain networks and decision-making.
10. Machine Learning Engineer: Develops AI solutions for logistics optimisation.
11. Revenue Manager: Analyse data to optimise revenue and distribution strategies.
12. Quality Assurance Analyst: Utilises data analytics to ensure product quality and compliance with industry standards throughout the supply chain. 1
13. Customer Experience Manager: Analyses customer data to enhance satisfaction and loyalty, optimising delivery processes and personalised services based on customer preferences.
14. Regulatory Compliance Manager: Ensures compliance with regulatory requirements and industry standards, leveraging data analytics to monitor and enforce compliance across logistics processes.
15. Forecasting Analyst: Uses predictive modelling techniques to forecast demand, inventory levels, and transportation needs, optimising resource allocation and reducing stockouts.
16. Vendor Relations Manager: Manages relationships with suppliers and vendors, using data analytics to evaluate performance, negotiates contracts, and optimises procurement processes for cost savings and efficiency gains.
17. Global Trade Compliance Specialist: Ensure compliance with international trade regulations and customs requirements, using data analytics to manage risks and streamline cross-border logistics processes.

Knowledge Partner for Skill Training

Redington – COLTE, Chennai

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Cred-its**
PGDDSL 1.1	Supply Chain Management	2
PGDDSL 1.2	Data Analytics and Statistics	2
PGDDSL 1.3	Inventory Control	2
PGDDSL 1.4	Fundamentals of Logistics	2
PGDDSL 1.5	Optimisation Technique 1	2
PGDDSL 1.6	Plant Location and Layout	2
PGDDSL P1	Project	2
PGDDSL ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDDSL 2.1	Supply Chain Applications of Block Chain	2
PGDDSL 2.2	Concept and Applications of Internet of Things	2
PGDDSL 2.3	Logistic Documentation	2
PGDDSL 2.4	Advanced Logistics	2
PGDDSL 2.5	Machine Learning Concepts	2
PGDDSL 2.6	Revenue and Distribution Management	2
PGDDSL P2	Project	2
PGDDSL ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs.1,20,000/-per annum
Examination Fees: Rs. 5000/- per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Drones Operations

Introduction of the Sector

The logistics sector serves as the backbone of global commerce, facilitating the movement of goods with efficiency and precision. With the rise of e-commerce driving demand, employment in the transportation and logistics sector is projected to grow by 18% from 2022 to 2032, according to the Bureau of Labor Statistics (BLS), which is faster than the average for all occupations.

Concurrently, drones, or Unmanned Aerial Vehicles (UAVs), have emerged as a disruptive force, offering unparalleled speed and efficiency in logistics operations. With the global drone logistics market expected to reach $29.06 billion by 2027, the integration of drones into the logistics sector promises to revolutionise inventory management, warehouse operations, and transportation logistics. This convergence presents diverse career opportunities for professionals skilled in both logistics and drone technology, offering faster delivery times, reduced costs and increased efficiency in supply chain management.

Programme Introduction

The Post Graduate Diploma in Drones Operations - Logistics is a one-year, full time post graduate diploma programme which is offered by the School of Skill Education, TISS.

This is a specialised programme that equips students with a comprehensive understanding of drone manufacturing, programming, and operations. Students shall gain practical experience through lab sessions, project work, and flight training. The programme prepares graduates for a wide range of careers in the rapidly growing drone industry. Graduates may find employment opportunities with drone suppliers, defense organizations, government agencies, and startups, working in areas such as manufacturing, logistics, telecommunications, and rural development. By completing this programme, students will develop the skills and knowledge needed to leverage drone technology to address real-world challenges across various sectors. The programme aims to produce skilled professionals who can contribute to the advancement and responsible use of drone technology in society.

Eligibility for Admission: Bachelor's degree in any stream

Career Prospects/Job Role

1. Drone Risk Analyst: Identifies and mitigates risks in drone operations for safe logistics.
2. ODC Monitoring Specialist: Monitors Over Dimensional Cargo (ODC) during loading, transit, and unloading for optimised transportation
3. Inventory Management Specialist - Drones: Manages inventory using drones for efficient stock control.
4. Data Analyst - Drones: Analyses drone data to improve inventory management and supply chain efficiency.
5. Warehouse Surveillance Officer - Drones: Utilises drones for warehouse security surveillance, minimising risks of theft or damage.
6. Supply Chain Optimization Specialist - Drones: Optimises supply chain processes using drone data insights.
7. Logistics Technology Consultant - Drones: Advises on drone technology integration for enhanced logistics operations.
8. Drone Operations Manager: Oversees drone operations for inventory management, security, and ODC monitoring in logistics.
9. Drone Cargo Specialist: Specialises in the transportation of goods via drones, optimising payload configurations and delivery routes for efficient logistics operations.
10. Logistics Drone Deployment Strategist: Develops strategies for the effective deployment of drones in logistics, considering factors such as route optimisation, regulatory compliance, and operational efficiency.
11. Drone Integration Specialist: Integrates drone technology into existing logistics systems, ensuring compatibility, functionality, and efficiency in supply chain management processes.

Knowledge Partner for Skill Partner

Redington – COLTE, Chennai

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDDO 1.1	Introduction to Drones	2
PGDDO 1.2	Pre-flight Inspections	2
PGDDO 1.3	Drone Data Management I	2
PGDDO 1.4	Drone Data: Inventory Management	2
PGDDO 1.5	Monitoring Over Dimensional Cargo	2
PGDDO 1.6	Handling Situations: Aviation Security Environment	2
PGDDO P1	Project	2
PGDDO ST1	Skill Training	10
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDDO 2.1	Drone Based Warehouse Security and Surveillance	2
PGDDO 2.2	Optimisation of Drone Based in Plant Supply	2
PGDDO 2.3	Application of Drones in Warehouse Logistics	2
PGDDO 2.4	Drone Data Management II	2
PGDDO 2.5	Big Data in Drone Based Logistics	2
PGDDO 2.6	Legal Aspects of Drones in Logistics	2
PGDDO P2	Project	2
PGDDO ST2	Skill Training	10
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs.1,60,000/-per annum
Examination Fees: Rs. 5000/- per annum
Caution Deposit (Refundable): Rs.5000/-

Management, Entrepreneurship and Professional Skills

Introduction of the Sector

Management is a key skill of getting things done through and with people, whereas Entrepreneurship is a mind set that requires creativity, innovation and professional skills while addressing a new opportunity. The process of improving professional skills and knowledge of entrepreneurs and to increase the number of entrepreneurs is the salient aim of the sector.

Post Graduate Diploma in HR and Administration

Programme Introduction

The Programme seeks to give the participant an initial understanding of HR Administration, its brief history, the concept, and processes. **The objective of this course** is to give the participant an insight into the various types of HR. In various small and mid-sized organizations, the HR admin functions are clubbed together as it may not require separate teams to handle these functions. Moreover, the complexities involved .In such cases it is imperative that the professionals handling such roles are conversant with both the functions. Thus this course of PG Diploma in HR and Administration will provide the candidate with the knowledge related to some of the core (transactional) functions of HR as well as some functions of Admin work.

Eligibility for Admission

- Any Graduate
- Jr. working professional from HR and Administrative departments and personnel in other line departments/Strategic Business UNITS (SBUs) of Public Sector Enterprise

Employability/Skill Enhancement

This programme will enable carrying out of the HR functions in the enterprise by other department personnel as well, where there is a need for getting a greater effectiveness by performing the needed HR functions for performing the core/line activities of the organization, strengthening the Human Resource Delivery Systems. This programme shall impart knowledge as well as practical skills in the areas of recruitment, compensation, training, performance management and administration

Career Prospects/Job Roles

After pursuing the PG Diploma in Human Resource Administration the students can start their own Consultancy, can get jobs as ***Employee Relation Manager, Training and Development Manager, Staffing Director, Compensation Manager, HR Generalist, etc.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDHR 1.1	Introduction to Human Resource Management	2
PGDHR 1.2	Recruitment and Selection	2
PGDHR 1.3	Administrative Management	2
PGDHR 1.4	Training and Development	2
PGDHR P1	Project	4
PGDHR ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDHR 2.1	Performance Management	2
PGDHR 2.2	Compensation and Payroll Management	2
PGDHR 2.3	Industrial Relations and Labour Laws	2
PGDHR 2.4	HR Analytics & HR Audit	2
PGDHR P2	Project	4
PGDHR ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,20,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Marketing

Programme Introduction

The importance of marketing for a business is that it makes the customers aware of the products or services, engages them, and helps them make the buying decision. A course in marketing gives you an edge in your career as you have a much better understanding of how to cater for your clients based on their needs and wants.

Eligibility for Admission

- Any Graduate
- Working professional from Marketing/Sales and Administrative departments and personnel in other line departments/Strategic Business UNITS(SBUs) of Public Sector Enterprise

Employability/Skill Enhancement

After attending this course, participants will have a clear understanding of how to measure and monitor the iron line traffic. Using this information, they would be able to update their marketing campaigns to drive increased traffic to the business. The various roles that a participant can take up after successfully completing this programme are as follows:

- Digital Marketing Executive
- Sales Promotion Executive
- Marketing Data Analytics Executive
- Marketing Co-ordinator
- Sales Support Executive
- Online Market Research Executive

Career Prospects/Job Roles

After completing PG Diploma in Marketing the student will have an opportunity to serve as ***Market Research Analyst, Marketing Executive, Marketing Manager, Brand Manager, New Product Manager, Advertising Manager, Marketing Communications Manager, Sales Manager, etc.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDM 1.1	Basics of Sales and the Sales Process	4
PGDM 1.2	Marketing Techniques	2
PGDM 1.3	Management of Modern Trade Outlets	2
PGDM 1.4	Institutional Sales	4
PGDM 1.5	Digital Marketing	2
PGDM 1.6	Sales Organisation, Sales for Management	2
PGDM P 1.7	Project	4
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDM 2.1	Marketing Finance	4
PGDM 2.2	Advertising and Promotion	4
PGDM 2.3	Branding	4
PGDM 2.4	Rural Marketing	2
PGDM 2.5	New Product Development and Pricing Strategy	2
PGDM P 2.6	Project	4
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Training and Development

Programme Introduction

Training and Development is one of the most powerful, strategic and critical functions – not just in the HR department – but across an organisation. It is imperative that the Training managers reach out to the functional managers and impress them on the need to work together with training and development specialist as a business partner for the benefit of their own function. This can significantly contribute to organizational, group and individual effectiveness, efficiency, growth and success.

This programme has thus been designed to help training and development professionals to understand the function thoroughly and to help them acquire the prerequisite skills to be able to perform their task or lead the team proficiently.

The PG Diploma shall consist of 4 core topics covering all elements of training and development. It covers the vital fields like Introduction to Training and Development, Tools in Training and Development, Identifying Training needs, Writing Instructional Design, Conducting Training, Evaluating Training programmes, Technology in Training and Development and Application of Software in Training.

Eligibility for Admission

- Any Graduate
- Jr. working professional from HR and Administrative departments and personnel in other line departments / Strategic Business UNITS (SBUs) of Public Sector Enterprise

Employability/ Skill Enhancement

The Programme aims at equipping a training professional with the skills that he/she needs to be successful in his/her role. It will cover both taught and practical aspects of the topics. The objective of the course will be to help the participants acquire the skills and support them apply them independently. This topic will be useful for professionals who aspire to manage or head training and development function in a corporate or an institution. It will help aspirants who wants to be a trainer, instructional design professional or anyone who is either associated or would like to be associated with learning and skill development processes. On successfully completing this programme the participant shall be able to be employed in the following roles -

- Training Manager
- Trainer
- Content Writer (Instructional Design)
- E-learning Manager

Career Prospect/Job Roles

Training and Development Manager, IT Recruitment Specialist, Global HR Specialist, Executive Recruiter, Staffing Director, Compensation Manager and HR Generalist

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDTD 1.1	Introduction to Training and Development	2
PGDTD 1.2	Building Training Strategy	2
PGDTD 1.3	Training Need Assessment and Program Design	2
PGDTD 1.4	Training Methods	2
PGDTD P1	Project	4
PGDTD ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDTD 2.1	Learning Approaches and Styles	2
PGDTD 2.2	Training Evaluation	2
PGDTD 2.3	Employee Development and Career Management	2
PGDTD 2.4	Trends in Training and Development	2
PGTD P2	Project	4
PGDTD ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,20,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

Post Graduate Diploma in Digital Marketing

Programme Introduction

Digital Marketing' is now an indispensable part of any effective marketing campaign, because of its targeted reach, customized messaging, low costs and huge availability of data for analysis. This program shall enable participants to get a wide as well as deep understanding of the subject and will be able to conduct marketing activities on a host of digital platforms.

Eligibility for Admission

- Any Graduate
- Working professional from Marketing / Sales and Administrative departments and personnel in other line departments/Strategic Business UNITS (SBUs) of Public Sector Enterprise

Employability/ Skill Enhancement

After attending this course, participants will have a clear understanding of how to measure and monitor their online traffic. Using this information, you should be able to update your marketing campaigns to drive increased traffic to your business. The various roles that a participant can take up after successfully completing this programme are as follow:

- Digital Marketing Executive
- Sales Promotion Executive
- Marketing Data Analytics Executive
- Marketing Co-ordinator
- Sales Support Executive
- Online Market Research Executive

Career Prospects/Job Roles

Diploma in Computer Applications helps students to get jobs as ***Software Developer, C++ Developer, Web Designer, Accountant, Computer Operator*** but candidates may also pursue Bachelor's degree and Master's courses in terms of career prospects. The computer operator can work as a receptionist or accountant in any office setting.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDDM 1.1	Digital-Marketing Fundamentals	2
PGDDM 1.2	Search Engine Optimization (SEO)	4
PGDDM 1.3	Search Engine Marketing (SEM)	4
PGDDM 1.4	E-commerce and lead generation	4
PGDDM 1.5	Self Service Technologies in Digital Marketing	2
PGDDM P1	Project	4
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDDM 2.1	Marketing Analytics	4
PGDDM 2.2	Social Media Marketing	4
PGDDM 2.3	Content Marketing and Google Ad Sense	4
PGDDM 2.4	Advertising and Promotion on Web	2
PGDDM 2.5	Google analytics, GDN advertising	2
PGDDM P2	Project	4
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 96,000/-per annum

Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000/-

Food Processing

Introduction of the Sector

The rapidly growing food processing sector / industry is a significant contributor to India's economy, with a projected growth rate of 6.6% from 2021 to 2028. The sector is driven by the demand for processed food products, particularly in the retail sector, and the rise of health-conscious consumers. The Ministry of Food Processing Industries (MOFPI) aims to boost investmentsin the sector by enhancing farmers' income, minimizing wastage, and introducing modern technology. Key initiatives include the Pradhan Mantri Kisan Sampada Yojana (PMKSY), the Mega Food Parks Scheme, and the Production Linked Incentive Scheme for Food Processing Industry

(PLISFPI). The sector is expected to grow significantly, with a projected value of USD 235.67 billion by 2028. The demand for trained professionals in this field is also increasing. The food industry today has become highly diversified, with manufacturing ranging from small, traditional, family-run activities that are highly labour-intensive, to large, capital-intensive and highly mechanized industrial processes.

Post Graduate Diploma in Food Technology

Programme Introduction

This programme is designed to meet the needs of the industry by providing students with the necessary skills and knowledge to succeed in the food industry. The programme will also provide students with hands-on experience through laboratory work and industry projects. Overall, the PG Diploma in Food Technology will provide students with a strong foundation in the field of food science and technology, and prepare them for successful careers in the
food industry.

Eligibility for Admission

- Graduates in Agriculture/Food Technology/ Dairy Technology/ Horticulture/Home Science/ Agriculture Engineering
- Science graduates with Chemistry/Life Science/Biotechnology/Microbiology/BE are eligible for the admission

Employability/Skill Enhancement

- To provide students with advanced knowledge and skills in the field of food science and technology.
- The programme aims to educate students in the principles of food processing, preservation, packaging, and quality control, as well as the latest trends and technologies in the food industry.
- Opportunity to specialize in one of four different food groups, Dairy, Fruits and Vegetables, Meat, Fish, and Poultry, and Cereal, Pulses, and Oilseeds.

Career Prospect/Job Roles

A Postgraduate Diploma in Food Technology can lead to various career opportunities in Food Research and Development, Quality Control and Assurance, Food Processing and Packaging, Food Inspection and Regulation, Food Sales and Marketing, Food Service Management, Entrepreneur, Teaching and Research.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
PGDFT 1.1	Food Science and Nutrition	2
PGDFT 1.2	Food Microbiology	2
PGDFT 1.3	Food Chemistry and Analysis	2
PGDFT 1.4	Cereals, Pulses and Oilseeds	2
PGDFT 1.5	Fruits and Vegetables	2
PGDFT P1	Domain Project	2
PGDFT ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
PGDFT 2.1	Food Engineering and Unit Operations	2
PGDFT 2.2	Meat, Fish and Poultry	2
PGDFT 2.3	Dairy Science and Technology	2
PGDFT 2.4	Food Safety and Quality Management	2
PGDFT 2.5	Food Entrepreneurship and Business Development	2
PGDFT P2	Domain Project	2
PGDFT ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 1,08,000/-per annum
Examination Fees: Rs.2,500/- per semester and Rs. 5000 per annum
Caution Deposit (Refundable): Rs.5000/-

DIPLOMA PROGAMMES

Diploma Programmes

Course details

Duration	Semesters	Total Hours/ Credits	Award
1 Year	2	1200 hrs/40	Diploma

Objectives of the Programmes

The main goal is to produce highly efficient professionals with the necessary knowledge, skills and attitude to manage effectively, a wide range of pertinent problems faced in the stream of occupation. All the programmes focus on preparing the students to become familiar with the job roles and industrial working culture/environment by training/skilling them directly in the workplaces of the industries. All the courses taught incorporate specific job roles and their corresponding National Occupational Standards (NOS) which enable the students acquire the desired knowledge and skills to gain appropriate job after the completion of the course. In this way the students will become self-reliant and eventually contribute to the growth of the country's economy. The eligibility criteria have been laid out under each of the programmes offered.

Diploma in Agriculture and Agri Input Management

Programme Introduction

The programme centres around applying monetary hypothesis to address the rural issues that organizations face every day and conjecture the reasonable results of market and government communications. The diploma will encourage learners to pursue administration of agrarian and other land-based organizations and endeavours that go connected at the tip with horticulture. It will enable one to secure the essential information and abilities to turn into an effective chief of a business and build up aptitudes of basic perception and examination through contact with an assortment of intriguing genuine organizations.

Agri Input Dealers in the country are a prime source of farm information to the farming community, besides the supply of inputs and credit. However, majority of these dealers do not have formal agricultural education. In order to build their technical competency in agriculture and to facilitate them to serve the farmers better and to act as para – extension professionals, one-year Diploma course in Agriculture & Agri Input Management is beneficial.

Eligibility for Admission

The eligibility criteria for admission to Diploma in Agriculture and Agri Input Management is 12th passed or equivalent, in any stream.

Employability/Skill Enhancement

The career prospects for students of Diploma in Agriculture and Agri Input Management is ***Government jobs under the Agriculture Department, Agriculture sales Officer in Private organizations, Self-employment like farm machine shops, repair shops, Poultry Farming, Horticulturist, Professionals in Food production, Agriculture Consultant, Distributor, Researcher and Regional Sales Manager.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DAG 1.1	Basic Horticulture and Introduction to Indian Agriculture	2
DAG 1.2	Agronomical Principles and Crop Production Practices (Kharif Season)	2
DAG 1.3	Farm Machinery and Post Harvesting Technology	2
DAG ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DAG 2.1	Agronomical Principles and Crop Production Practices (Rabi)	2
DAG 2.2	Concepts of Soil - Nutrient Management and Diagnosis of Crop Health problems	2
DAG 2.4	Emerging Concepts and Legislations Related to Agri Input Business Management	2
DAG ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 30,000/-per annum

Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum

Caution Deposit (Refundable): Rs.5000/-

Diploma in Auto Diagnosis and Repair

Programme Introduction

To begin an education in Automotive Repair the first course a student should take is an introductory course. In the course the students are offered to take a general look into the major auto systems, which include engine, cooling and lubrication, steering and suspension, transmission, electrical and braking systems.

Diagnosing and repairing engines and their components is the main focus of this course. Through hands-on experience, students gain knowledge of the disassembly and reassembly of diesel and gasoline engines, head gaskets and timing belts. This is an essential course in any automobile technology programme.

The diploma offers students the opportunity to receive hands-on training in auto repair.

The programme's curriculum covers electrical, fuel, exhaust, and braking systems; front and rear axles; differentials, front end alignments; transmission components; and automotive engine is assembly, repair and rebuilding.

Eligibility for Admission

The eligibility criteria for admission to 1-year Diploma in Auto Diagnosis and Repair is HSC or 10+2.

Career Prospects/Job Roles

The students are absorbed as Mechanic/Service Technicians in Dealership and their expertise would be in Diagnosis and Repair for Passenger and Commercial Vehicles.

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	4
GE 1.2	Computing Skills and Digital Literacy	4
ADR1.1	Automobile Engine - I	2
ADR2.1	Automotive Systems - I	2
ADR3.1	Workshop Technology	2
ADR ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	4
GE 2.2	Environmental Studies	4
ADR1.2	Automotive Engine - II	2
ADR2.2	Automotive Systems - II	2
ADR3.2	Case Study: Passenger and Commercial Vehicles	2
ADR ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 36,000/-per annum

Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum

Caution Deposit (Refundable): Rs.5000/-

Diploma in Emergency Medical Technician

Programme Introduction

The course is aims at producing an Efficient Medical Resource in the field of Emergency Medical Services with the necessary knowledge, skill and attitude to manage effectively, a wide range of clinical problems in Emergencies.

During Pre Hospital Life Saving Emergencies, timely provision of Medical Aid by such adequately trained and qualified personnel, can spell the difference between life and death. Considering the dearth of such well trained and qualified technicians in this field, Diploma in Emergency Medical Services is formulated. The course will facilitate the learner to acquire Highly Demanding Skills and Competencies to work in the field of Pre Hospital Emergency, Accident and Emergency Departments of Hospitals. These acquired skills will not only equip them to assess and efficiently manage Medical and Trauma Emergencies but will also make the learner to work as a team, handle stressful conditions and sharpen his/her decision making capabilities. The **broad objective** of the course is to create ready-to-be-employed workforce of Emergency Medical Technicians, who would be:

- Having a sound knowledge of the Basic as well as advanced protocols and procedures of managing Pre Hospital Medical and Trauma Emergencies.
- Qualified, trained and skilled to execute these skills with strict adherence to rules and safety measures and execute all the required procedures with expertise.
- Equipped with the right set of aptitudes and attitudes that would make them all encompassing Emergency Medical Technicians.

Eligibility for Admission

The candidate should be class XII (Science) pass

Employability/Skill Enhancement

Pursing the Emergency Medical Technician Diploma will give the learners an upper hand in comparison to others as they will receive additional specialized training that involves following set of skills:

- To Maintain Patient's Confidentiality.
- Implement Ethics in Special Situations.
- Record Baseline Vital Signs.
- Select Correct Equipment for Lifting & Moving Patients.
- Select Correct Oxygen Equipment.
- Size Up Scene at the site.
- Perform Initial Assessment of the Patient (i.e., Mental Status, Airway Status, Breathing Status, Circulation Status, Identifying Priority Patients).
- Implement On-going Assessment.

Career Prospects/Job Roles

Depending on a system and its coverage area, career opportunities exists in areas like ***wilderness EMS, special operations, special events, hazardous materials, industrial safety, quality management and other areas. Emergency Medical Technologists work with other health care professionals, including nurses and physicians, as well as firefighters and police officers.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DEMT 1.1	Introduction to Emergency Medical Care and Airway Management	2
DEMT 1.2	Patient Assessment & Medical and Behavioral Emergencies	2
DEMT CR 1	Case Report	2
DEMT ST1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DEMT 2.1	Emergencies in Obstetrics & Gynecology	2
DEMT 2.2	Operations and Understanding ECG	2
DEMT CR2	Case Report	2
DEMT ST2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Personal Grooming	2
DEMS 3.1	Trauma Emergencies & Emergencies in Infants & Children	2
DEMS 3.2	Advanced Airway Elective	2
DEMS CR 3	Case Report	2
DEMS ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Employment Readiness	2
GE 4.2	Health and Wellness	2
DEMS CR 4	Case Report	4
DEMS ST4	Skill Training	12
DEMS P1	Project	2
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 48,000/-per annum
Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum
Caution Deposit (Refundable): Rs.5000/-

Diploma in Operation Theatre Techniques

Programme Introduction

The programme aims to produce quality technicians in the field of Operation Theatre. A considerable number of man hours are lost in training the technician to perform tasks appropriately. This also causes financial loss. Considering the dearth of well trained technicians in this field, Diploma in Operation Theatre Techniques is formulated. The course will train the students in various skills pertaining to operation theatre, so that s/he will be able to carry out various tasks assigned to his/her efficiently.

This course will also teach him/her in working in and as a team, handle stressful conditions and sharpen his decision making capabilities.

Eligibility for Admission

The candidate should be class XII from science stream.

Employability/Skill Enhancement

Undergoing the Diploma of OT Techniques will give the learners an Upper Hand in comparison to others as they will receive Additional Specialized Training in the form of skill sets that are:

- Operation Theatre Set-Up
- Setting Up Trolleys for Various Operatives
- Anesthesia Techniques in OT
- Surgical Equipment Handling and Cleaning of OT
- Pharmacology
- Protocols of OT
- Sterilization and Fumigation of OT
- Emergencies and Casualties in OT

Career Prospects/Job Roles

The students who have diploma in OTT get jobs as ***Lab Technician, Operation Theatre Technician, Anaesthesia Technician, Assistant Operation Theatre Technician and Assistant Lab Technician***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DOTT 1.1	Anatomy	4
DOTT 1.2	Physiology	2
DOTT 1.3	General Principles of Hospital Practice and Patient Care	2
DOTT 1.4	Introduction to Operation Theatre Technology	2
DOTT ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DOTT 2.1	Pathology	2
DOTT 2.2	Surgery – I	2
DOTT 2.3	Anaesthesia – I	2
DOTT ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Cred-its**
GE 3.1	Financial Literacy	2
GE 3.2	Personal Grooming	2
DOTT 3.1	Microbiology – Bacteriology and Virology	2
DOTT 3.2	Surgery – II	2
DOTT 3.3	Anaesthesia – II	2
DOTT ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 4.1	Employment Readiness	2
GE 4.2	Health and Wellness	2
DOTT CR	Case Report	2
DOTT P1	Project	4
DOTT ST 4	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 48,000/-per annum
Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum
Caution Deposit (Refundable): Rs.5000/-

Diploma in Geriatric Care

Programme Introduction

Considering the rising "Geriatric Population" in India, there is an acute need for the individuals who can provide quality care to the geriatric segment. With most of the families going nuclear, the elders are left alone to take care of themselves. This calls for courses such as Diploma in Geriatric Care which will produce quality carers who will provide appropriate service to the elderly population. The course thus aims to produce quality carers who will be able to demonstrate geriatric care, demonstrate understanding of various geriatric health issues, deal with emergencies, communicate well with the service user and the relatives and demonstrate use of geriatric assistance equipment. The diploma is designed for individuals who have not completed higher specialty training as geriatricians, to give recognition to healthcare practitioners who have developed an in-depth critical understanding of the clinical knowledge and skills required in the field of geriatric medicine to provide expert care for older people.

Eligibility for Admission

The candidate should be a matriculate or 10th pass.

Employability/Skill Enhancement

This programme will enable the students to have better employment opportunities as they get training assessing condition of the service user, learn various aspects of geriatric care, deal with various emergencies and understand various health issues related to geriatric age group.

Career Prospects/Job Roles

Gerontological nurses work in a variety of settings, including ***acute care hospitals, rehabilitation care, nursing homes, assisted living facilities, retirement homes, community health agencies, and the patient's home.***

Students get jobs as ***gerontological nurses and work under various designations, like nurses and nursing assistants, social workers, home health and personal care aides, and community service workers.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DGC 1.1	Basics of Gerontology and Geriatric Care	2
DGC 1.2	Basic Geriatric Nursing	2
DGC 1.3	Basic Knowledge of Communication and Medical Technology	2
DGC ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DGC 2.1	Basic Knowledge of Mobility Aids	2
DGC 2.2	Psycho social Support for Geriatric Age Group	2
DGC 2.3	Common Geriatric Issues	2
DGC ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER III		
Course Code	**Course Name**	**Credits**
GE 3.1	Financial Literacy	2
GE 3.2	Personal Grooming	2
DGC 3.1	Emergencies	2
DGC 3.2	Legal and Financial Support to Geriatric Age Group	2
DGC P1	Project	2
DGC ST 3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER IV		
Course Code	**Course Name**	**Credits**
GE 6.2	Employment Readiness	2
GC 4.2	Health and Wellness	2
DGC CR 1	Case Report	4
DGC ST 4	Skill Training	12
DGC P2	Project	2
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 24,000/-per annum
Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum
Caution Deposit (Refundable): Rs.5000/-/-

Diploma In Computer Applications

Programme Introduction

The Diploma program is aims at training candidates for the job of Help desk Executive, Service Desk Executive, Technology Support Executive, IT Support Executive, and Help desk Coordinator in IT and ITES sector.

The course will deal with basic windows OS operation and management, working in and as a team, handle extremely stressful conditions and sharpen the decision making capabilities.

The Diploma programme will provide a platform for learners to start working in key areas of Industry. It helps in developing Basic computer skills in the students. It will provide an exposure of the IT Environment. The programme will help in Learning Practical knowledge about computer and will make the candidate job ready for IT Industry.

The ***broad objectives*** of the course is would be to create ready-to-be-employed workforce of computer technicians, who would be:

- Having a sound knowledge of the basic protocols and procedures of functioning of the hard disc.
- Trained and skilled to execute the activities with strict adherence to rules and safety measures and execute the procedures with expertise

Eligibility for Admission

The candidate should be class XII (Science) pass.

Employability/Skill Enhancement

This programme Diploma in Computer Applications will give the students, an upper hand in comparison to others as they will receive additional specialized training as follows:

- Basic understanding of computer and its terminology
- To Manage, co-ordinate and resolve incidents as quickly as possible at primary support level.
- To deal with basic service requests and incidents at the IT help desk
- To build and maintain positive and effective relationships with customers
- Problem-solving approaches in different situations
- To plan and organize work in order to complete it to the required standards on time.
- Analyze inputs from appropriate people to identify, resolve and record design defects and inform future designs
- Develop basic programming structures to implement functionality in line with requirements defined in BRS/URS, SRS and HLD
- Review codes and UTCs and execute UTCs for documenting results.

Career Prospects/Job Roles

Starting from networking and internet working fields to the software designing industry, a DCA pass out can get placed in any position like ***computer operator, software designer, basic programmer and basic code designer.***

Semester-wise Listing of Courses

SEMESTER I		
Course Code	**Course Name**	**Credits**
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
DCA 1.1	Fundamentals of Computers and Operating Systems	2
DCA 1.2	Web Designing	2
DCA 1.3	Programming in Python	2
DCA ST 1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER II		
Course Code	**Course Name**	**Credits**
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
DCA 2.1	Programming With Visual, Basic.Net	2
DCA 2.2	Desktop Publishing with Adobe Illustrator	2
DCA 2.3	Internet and Web Technology	2
DCA ST 2	Skill Training	12
CDPNE	*Domain Practicum	NC

*Domain Practicum - "Compulsory and Non-credit, non-evaluative component"

Note: Laptop / Desktop is recommended for the programme.

***The skill training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement.**

Programme Fees: Rs. 36,000/-per annum

Examination Fees: Rs.1,600/- per semester and Rs. 3200 per annum

Caution Deposit (Refundable): Rs.5000/-

EXAMINATION & EVALUATION

Eligibility

Attendance

Attendance in class and on-the-job training is compulsory. Every student is expected to maintain regularity and 100% attendance in all taught courses and On-the-job training. However, for examination eligibility purposes following would be considered:

i) Taught classes: A minimum of 75% attendance is required to ensure attendance.

ii) On-the-job training: A minimum of 75% attendance is required to ensure attendance.

iii) Submission of assigned Domain project is mandatory for Exam eligibility.

Attendance policies for programmes

1. Absence up to 25% may be condoned by the Dean of the School. Remaining absenteeism for 25% of the time is not a matter of right, but a measure to support students to meet medical or health issues or for personal and family crises.
2. Attendance between 74% to 67% or (Absence between 26–33%) will make the student ineligible to appear for the examination. The student can, however, appear for the supplementary examination whenever it is scheduled to be held.
3. Attendance below 67% or (Absence above 33%) will automatically lead to the student repeating the course when offered in the next academic year. This includes absence due to medical emergencies as well.
   Students who have attendance less than 67% or (more than 33% absences) in up to 2 subjects will be declared as "Failed and Repeat the semester (FR)". Students who have more than 33% absence in more than 2 subjects will be required to repeat the semester with the forthcoming batches. Students can do multiple repeat semesters within the total time span (5 Years) available for the completion of the programme as stated below.
   - Five (5) years i.e. for B.Voc (regular duration of programme 3 years plus additional extended 2 years)
   - Three (3) years i.e. for Diploma (regular duration of programme 1 year plus additional extended 2 years)
4. Absence for medical or other exigent reasons can be taken with permission through a leave application submitted to the Vertical Manager, which may be granted in consultation with the Dean / Program Head. In no case, it cannot exceed 25%.
5. If the student fails in Supplementary 1 in any of the 2 subjects, he can appear for Supplementary 2. Supplementary 2 can be conducted after 8-10 days of result declaration of supplementary 1 exam.
6. If the student fails in the Supplementary 2 exams, he/she will be declared "Failed and Repeat Semester (FR)" and has to appear for Repeat Semester of Failed Subjects (maximum two subjects) along with the forthcoming main examination.
7. If the Student passes the said exam, it will be reflected in the semester grade card as "RE". If a Student fails in this exam, he/she will have to repeat the entire semester in future. The enrolment for the semester will be subject to the availability of the batch.

As this is the final attempt for the students, some doubt clearing sessions will be arranged as mentioned below:

- For 100 marks subject-arrange 10 doubt clearing sessions of one hour each
- For 50 marks subject-arrange 5 doubt clearing sessions of one hour each
- Students are expected to complete the remaining preparation through self-study mode

Even though the SSE need to conduct significantly fewer classes, the attendance criteria of 75% will still prevail in this case

- All the provisional classes of the succeeding semester that has been attended by the student will stand cancelled till the time the student will clear all subjects of the preceding semester.
- Once the student is promoted to the new semester, he/she needs to ensure all the required eligibility criteria to be met before writing the main examination.

The fees to be paid for the Repeat Semester of failed subjects (maximum two numbers) along with the forthcoming main examination is Rs. 2,000/- per subject plus the entire fees of end term examination i.e. Rs.1600/- irrespective of the number of papers.

For Example -
Rs.2000/- Plus Rs.1600 End Term Exam Fees i.e Total Rs.3600/- for one subject
Rs.4000/- (2000 x 2 subjects) Plus Rs.1600/- End Term Exam Fees i.e. Total Rs.5600/- for two subjects

8. The student is required to clear all pending tuition fees, whatever applicable for that semester apart from the above mentioned Repeat Semester of failed subjects fees and the End term exam fees.
9. If the student fails in a repeat exam, he/she will have to repeat the entire semester in future. The enrolment will be subject to the availability of the batch

Mandatory Documents for a Candidate during Examination

Each candidate appearing for the examination (Online or Offline) must possess a valid Identity Card issued by TISS SSE, bearing his/her recent photograph for easy verification of his/her identity and produces the same as and when demanded by an authorized person during examination. In absence of an ID Card (where the ID card has not been handed over to the student by TISS SSE), then only the student, in lieu of that, can carry other valid ID proofs bearing a photograph. e.g.: Aadhar Card, Driving License, Voter's ID etc.

Conduct of Examination and Result Processing

1. Modes of Examination

a. Pen Paper Mode

b. Online Proctored Examination Mode

a. Pen Paper Mode

- ***Mode of Written Examination:*** Each candidate presenting himself/ herself at the specified center of examination shall be supplied the Question Paper and he/she shall have to write the answers on the answer book supplied by TISS SSE.
- ***Mode of Practical Examinations:*** The Examiners empaneled by TISS SSE shall conduct this examination, according to the teaching and examination schemes of the curricula. If the OJT books are not filled by the students, they will not be allowed to appear for the Examination.
- ***Medium of Language during Viva-voce and Written Examination***
  Candidates appearing for an examination of TISS SSE shall have to write and communicate answers to the questions in written or oral examinations through the medium of English language only, unless otherwise specified.

b. Online Proctored Examination

These examinations could also be Online Proctored Examinations (with remote invigilators). Instead of visiting the examination centre, students are required to appear for these examinations from the Neutral Venue [i.e. study centre in their regional location].

Detailed guidelines on Online Examination for Students would be shared 15 days before the start of scheduled examinations and the mock test would be conducted.

2. Examination Structure

The examination structure for the Bachelor's semester examinations would be as follows:

Each subject (Taught Skill Classes and Practical Skill Training) has an evaluation of 100 marks. These 100 marks are having two components

a. End Term Examination

b. Internal Evaluation Marks. The weightage of the same are as follows:

- Taught Skill Classes: 100 marks [(which would be converted into 70%), Participants Work Book: 20 marks and Attendance: 10 marks]
- Practical Skill Training : 100 marks [(which would be converted into 70%), On-the- Job Training Log Book: 20 marks and Attendance: 10 marks]

The final marks will be given based on GPA system as explained in the table below: Subject	Credits	Marks	Taught classes Marks (100)	Taught classes Weightage (70%)	Workbook (20)	Attendance (10) Workbook	Marks received	Grade points	Letter Grade	Result
Weightage – Sem I and II			70 %		30%		100%			
Weightage – Sem III and IV			70 %		30%		100%			
Weightage – Sem V and VI			70 %		30%		100%			
Generic Sub 1	4	100	88	62	10	8	80	8.0	A+	PP
Generic Sub 2	4	100	35	25	5	7	37	3.7	D	FS
Voc Sub 1	2	100	54	38	12	6	56	5.6	B-	PP
Voc Sub 2	2	100	80	56	8	4	68	6.8	B+	PP
Voc Sub 3	2	100	33	23	10	5	38	3.8	D	FS
Skill Practical	12	100	76	53	15	7	75	7.5	A-	PP
Domain Project	Non Credit	-	**"Compulsory and Non-credit non-evaluative"**							CO

Abbreviations

Course Type: M – Mandatory; O – Optional; Au – Audit; EC – Extra Credit;
CBCS - Choice Based Credit System; NC – Non-Credit; CN – Compulsory & Non-Evaluation
Result: P – Pass; F – Fail; Ab – Absent; CO – Completed; NC – Not Completed
Exam Status: R – Regular; S1 – Supplementary 1; S2 – Supplementary 2; R - Re-evaluation; I – Improvement; Re – Repeat Course
Semester Result – PP – Passed and Promoted; FS – Failed and Allowed to Keep Semester; FR – Failed and Repeat Semester

Letter Grade	Grade Point	Percentage
O: Outstanding Performance	10	90 – 100
A+: Excellent	9	80 - 89
A-: Very Good	8	70 – 79
B+: Good	7	60 – 69
B-: Moderate Compensate	6	50 – 59
C+: Average Compensate	5	40 – 49
C-: Below Average	4	30 – 39
D-: Unsatisfactory	3	20 – 29
E: Highly Unsatisfactory	2	10 – 19
F: Unacceptable	1	0 - 09

Note: 1. The Minimum Grade Point requirement for passing all courses/programmes is 4.0
2. The Formula for conversion from Grade Point to Percentage: Grade point x 10

Letter Grade, Grade Points & Equivalence of Percentage			
Letter Grade	**Level of Performance**	**Grade Point Range**	**Per-centage**
O	**Outstanding Performance-demonstrating high-level mastery and ability to apply concepts to new situations**	**9.0-10.0**	**90-100**
A+	**Excellent-demonstrating mastery of all learning or assessment situations**	**8.0-8.9**	**80-89**
A-	**Very Good-demonstrating mastery of most learning or assessment situations**	**7.0-7.9**	**70-79**
B+	**Good-demonstrating thorough competence in most situations**	**6.0-6.9**	**60-69**
B-	**Moderate-showing reasonably acceptable competence in some situations, minimal competence in others**	**5.0-5.9**	**50-59**
C+	**Average Competence-demonstrating minimal competence in the most situations, while showing a considerable capacity for improvement in others**	**4.0-4.9**	**40-49**
C-	**Below Average Competence-Not passing, but still showing some capacity for improvement or development**	**3.0-3.9**	**30-39**
D	**Unsatisfactory Competence-Below satisfaction level performance marked by lack of engagement or inability to apply concepts**	**2.0-2.9**	**20-29**
E	**Highly Unsatisfactory competence-Complete lack of engagement and comprehension; also frequent absence**	**1.0-1.9**	**10-19**
F	**Unacceptable-Non-completion of assignments or blank responses in a test or blank answer sheets**	**0-0.9**	**0-9**
Note: 'C+' (4 or 40%) is the minimum grade for passing in an individual course including Field Work/ Internship/ Research Project. A minimum grade point average of 4.0 for each semester is required for passing.			

c. Permission for Writer

1. Permission for a writer would be granted to a candidate only if he/she is physically unable to write the answers and has been medically so certified, at the time of examination.
2. The writer so permitted shall be a 12th standard Pass. Further, the writer shall neither be a relative of the candidate nor an employee at the centre of examination.
3. For obtaining permission for the writer, the candidate or his parents shall apply to the TISS SSE in writing along with the medical certificate and supporting documents issued by a registered medical practitioner (seven days before the Exam).
4. Use of writer shall be limited to writing answers of theory papers only and shall exclude the practical skill of the candidate to be tested.

d. Pursuit of Unfair Means

1. If a student is found copying/cheating in any assessment unit, he/she will be deemed to have failed in the course and will be required to appear for supplementary evaluation.
2. If the same student is found copying/cheating in an assessment unit in any other following semester/s, he/she will be deemed to have withdrawn from the programme.
3. If a student is found reporting falsely in the on Job training recordings, he/she will be deemed to have failed in the OJT and will be required to repeat the OJT in another KPST in the next academic year in consultation with the Dean/ Assistant Programme Head and SP cordinator.
4. Following are some of the unfair means considered for penal actions. This is only an indicative, and not an exhaustive list of the types of unfair means considered actionable:
   (i) Having in possession papers, books, notes or any other material or information relevant to the subject concerned in the examination hall during the examination;
   (ii) Giving or receiving assistance of any kind or attempting to do so during the examination;
   (iii) Copying/cheating in examinations, assignments and the project reports;
   (iv) Writing question(s) and/or answer(s) on any material other than the answer book given by the Hall Supervisor for writing the answers;
   (v) Tearing off the answer book, supplementary answer books, etc., or a part thereof;
   (vi) Contacting/talking or trying to contact/talk with any other person during the examination;

(vii) Using or attempting to use any other undesirable method or means in connection with the examinations, e.g., using abusive language in the answer book, disclosing one's identity in the answer book by writing his/her name, for example;

(viii) Retaining/Keeping in/out or carrying away in an unauthorized way the answer book/objective type question paper;

(ix) Impersonation;

(x) Any other act amounting to serious misconduct

e. Disciplinary Actions against Misconduct (Unfair Means)

1. Warning for first the offence
2. Cancellation of examination in repeated instances
3. Rustication or disqualification from appearing in any examination of that semester
4. If the student leaves the examination hall before the stipulated time after start of the examination or either fail in that subject paper, in both these cases, the student needs to appear for supplementary 1 exam whenever scheduled.

f. Internal Evaluation Policy

1. Assessment Unit

Each credited course of study, theory or OJT related, will be assessed through the following assessment unit types with prescribed weightage, as per a pre-defined schedule, which is provided at the commencement of a semester. These may involve individual or group work:

i. Assignments/ Projects —which are held in the course of the semester, conducted as individual or group assessments.

ii. Faculty assessment of Participant's Workbook.

iii. Viva/Oral test or examination.

iv. A student has to attempt each mode of assessment independently or either in the group.

v. Non-submission of assignment/ Project will be treated as failed in the course and students will be given supplementary for that course after completion of all modes of assessment.

2. Supplementary and Improvement

i. Supplementary-1 and Improvement assessment will be announced along with the declaration of semester results.

ii. Students will be eligible for supplementary-1, if they have failed in not more than two subjects, or if they have had to miss any examination for any valid reason (up to two subjects), or if they wish to improve their grades. However, the latest grade (whether improved or otherwise) would be considered for the formulation of the Grade Cards and would be treated as final.

iii. The supplementary/improvement assessment will be conducted as per a prescribed schedule involving the submission of assignments/projects or examinations as prescribed for each subject.

iv. If the student fails to complete a course satisfactorily through supplementary-1, then the student will be required to appear for Supplementary-2 as per the schedule announced.

v. For all courses completed through supplementary-1 mode, an 'S1' will appear on the grade card, next to the grade. For all courses, where the grade is improved through improvement assessment, an 'I' will appear on the grade card next to the grade. For all courses completed through Supplementary-2 mode, an S2 will appear on the grade card next to the grade.

vi. Grades received through supplementary/improvement mode will not be considered for award of prizes and other mentions of academic achievement of the institute.

3. Re-evaluation

- A student, who desires to have a re-evaluation of his/her answer papers, or Practical Skill training performance, shall be required to apply for re-evaluation within the stipulated time period communicated by TISS SSE after the declaration of results of the semester, by paying the requisite fees. Re-evaluation means verification of grades and/or reassessment of answer papers.

4. Withheld (WH) Results

i. Students are ideally supposed to pay the fees before the commencement of the examination. However, students could be allowed to write the examination provisionally and pay the fees till the date the end term examination comes to an end. Failing the same their result will remain withheld (WH).

ii) Students would be allowed to change withheld (WH) status by paying the remaining outstanding fees subsequently before Supplementary 1 and Supplementary 2 within the stipulated time period communicated by TISS SSE and continue with the same/current semester and can appear in the forthcoming end term examination.

Failing the same, even though the student can pay the fees after the stipulated time period i.e. after Supplementary 1 and Supplementary 2 examination and can know their results, however, the student can continue the programme only with the beginning of the next semester on the condition of availability of the batch.

5. Name corrections on documents

The candidates can apply for name correction in the marksheet and diploma certificate. However, the names must be as per the certificate of the passing of qualifying examination i.e. H.S.C. Board Certificate or any other qualifying examinations. If there is a change in any part of the name, it must get corrected immediately and an affidavit regarding the same need to be submitted to TISS SSE.
Name correction would not be entertained if reported after the issuance of the degree certificate.

6. Award of Degree

Students who have completed their Bachelor's programme of study will be awarded their degree at the Annual Convocation conducted by TISS SSE.

ANNEXURE

SSE's Leading Knowledge Partners for Skill Training

Sr. No	Name of Knowledge Partners for Skill Training	Sr. No	Name of Knowledge Partners for Skill Training
1.	A K C (Apex Kidney Care)	13.	Thanal Dialysis
2.	Maruti Suzuki India Ltd	14.	Varroc Engineering Private Limited
3.	Green Agrevolution Pvt Ltd	15.	Pallium India Trust
4.	Fortis Hospital	16.	Patanjali
5.	Granules India Limited	17.	Rajya Bal Sarankashan Samiti
6.	Lenskart	18.	Sahyog Laboratories
7.	Iqraa International Hospital and Research Centre	19.	Star Health Insurance
8.	Strides Pharma	20.	The Indian Hotels Co. Limited -Taj Group of Hotels
9.	Lupin Limited	21.	Mitraniketan Krishi Vigyan Kendra
10.	Lourde Hospitals	22.	Tata Power
11.	Vihaan Life Care	23.	Titan Company Limited
12.	Zudio Trent Limited (A Tata Enterprise)	24.	SCHNEIDER

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Agriculture						Bachelor in Automotive Servicing Technology						Bachelor in Automotive Manufacturing Technology					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	27,100	19,600	19,600	19,600	19,600	19,600	27,100	19,600	19,600	19,600	19,600	19,600	27,100	19,600	19,600	19,600	19,600	19,600
	Yearly Fee	46,700		39,200		39,200		46,700		39,200		39,200		46,700		39,200		39,200	
	Total Course Fee	125,100						125,100						125,100					

Institute reserves the right to revise the Fee Structure of programmes, if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR B.VOC. DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Banking, Financial Services and Insurance						Bachelor in Industrial Tool Manufacturing						Bachelor in Mechatronics Technology					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	24,000	24,000	24,000	24,000	24,000	24,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**33,100**	**25,600**	**25,600**	**25,600**	**25,600**	**25,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**
	Yearly Fee	**58,700**		**51,200**		**51,200**		**46,700**		**39,200**		**39,200**		**46,700**		**39,200**		**39,200**	
	Total Course Fee	**161,100**						**125,100**						**125,100**					

Institute reserves the right to revise the Fee Structure of programmes, if necessary.

TISS-SSE MUMBAI CAMPUS

FEE STRUCTURE FOR B.VOC. DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Production Technology						Bachelor in Child Protection						Bachelor in Early Child Development					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	18,000	18,000	18,000	18,000	18,000	18,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2,500	0	0	0	0	0	2,500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**24,100**	**16,600**	**16,600**	**16,600**	**16,600**	**16,600**	**24,100**	**16,600**	**16,600**	**16,600**	**16,600**	**16,600**
	Yearly Fee	**46,700**		**39,200**		**39,200**		**40,700**		**33,200**		**33,200**		**40,700**		**33,200**		**33,200**	
	Total Course Fee	**125,100**						**107,100**						**107,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Electronic Manufacturing Services						Bachelor in Office Automation						Bachelor in Refrigeration and Air Conditioning					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2,500	0	0	0	0	0	2,500	0	0	0	0	0	2,500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**24,100**	**16,600**	**16,600**	**16,600**	**16,600**	**16,600**	**24,100**	**16,600**	**16,600**	**16,600**	**16,600**	**16,600**	**24,100**	**16,600**	**16,600**	**16,600**	**16,600**	**16,600**
	Yearly Fee	**40,700**		**33,200**		**33,200**		**40,700**		**33,200**		**33,200**		**40,700**		**33,200**		**33,200**	
	Total Course Fee	**107,100**						**107,100**						**107,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		BSc in Medical Imaging Technology						BSc in Medical Laboratory Technology						B. Optom (Bachelor of Optometry)					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	33,100	25,600	25,600	25,600	25,600	25,600	33,100	25,600	25,600	25,600	25,600	25,600	33,100	25,600	25,600	25,600	25,600	25,600
	Yearly Fee	58,700		51,200		51,200		58,700		51,200		51,200		58,700		51,200		51,200	
	Total Course Fee	1,61,100						1,61,100						1,61,100					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		BSc in Dialysis Technology						BSc in Patient Care Management with Specialization in Palliative Care and Geriatric Care						Bachelor in Travel and Tourism					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	18,000	18,000	18,000	18,000	18,000	18,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	33,100	25,600	25,600	25,600	25,600	25,600	33,100	25,600	25,600	25,600	25,600	25,600	27,100	19,600	19,600	19,600	19,600	19,600
	Yearly Fee	58,700		51,200		51,200		58,700		51,200		51,200		46,700		39,200		39,200	
	Total Course Fee	1,61,100						1,61,100						125,100					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Hotel Management						Bachelor in Hospitality Management						Bachelor/BSc in Software Development					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	33,100	25,600	25,600	25,600	25,600	25,600	33,100	25,600	25,600	25,600	25,600	25,600	33,100	25,600	25,600	25,600	25,600	25,600
	Yearly Fee	58,700		51,200		51,200		58,700		51,200		51,200		58,700		51,200		51,200	
	Total Course Fee	1,61,100						1,61,100						1,61,100					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		BSc in Artificial Intelligence and Machine Learning						BSc in Pharmaceutical Manufacturing						BSc in Manufacturing Technology (Pharmaceutical Chemistry					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	30,000	30,000	30,000	30,000	30,000	30,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2,500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**
	Yearly Fee	**70,700**		**63,200**		**63,200**		**46,700**		**39,200**		**39,200**		**46,700**		**39,200**		**39,200**	
	Total Course Fee	**197,100**						**125,100**						**125,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Sales and Marketing						Bachelor in Operations						Bachelor in Graphics and Multimedia					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	24,000	24,000	24,000	24,000	24,000	24,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**33,100**	**25,600**	**25,600**	**25,600**	**25,600**	**25,600**
	Yearly Fee	**46,700**		**39,200**		**39,200**		**46,700**		**39,200**		**39,200**		**58,700**		**51,200**		**51,200**	
	Total Course Fee	**125,100**						**125,100**						**1,61,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Journalism						Bachelor/BSc in Renewable Energy Technology						Bachelor in Retail Management (General)					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	24,000	24,000	24,000	24,000	24,000	24,000	18,000	18,000	18,000	18,000	18,000	18,000	27,000	27,000	27,000	27,000	27,000	27,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**33,100**	**25,600**	**25,600**	**25,600**	**25,600**	**25,600**	**27,100**	**19,600**	**19,600**	**19,600**	**19,600**	**19,600**	**36,100**	**28,600**	**28,600**	**28,600**	**28,600**	**28,600**
	Yearly Fee	**58,700**		**51,200**		**51,200**		**46,700**		**39,200**		**39,200**		**64,700**		**57,200**		**57,200**	
	Total Course Fee	**1,61,100**						**125,100**						**179,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Retail Management with Specialization in Agriculture Retail						Bachelor in Retail Management with Specialization in Automotive Retail						Bachelor in Retail Management with Specialization in E-Commerce					
		Semester						Semester						Semester					
		I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	VI	V	VI
FEE	Tuition Fee	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**
	Yearly Fee	**70,700**		**63,200**		**63,200**		**70,700**		**63,200**		**63,200**		**70,700**		**63,200**		**63,200**	
	Total Course Fee	**197,100**						**197,100**						**197,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR BACHELOR'S DEGREE PROGRAMMES (2023-2026)

Components		Bachelor in Retail Management with Specialization in Automotive Retail (In Collaboration with Maruti Suzuki India Ltd.)						Bachelor in Social Research and Data Managemen						Bachelor in Sports Management					
		Semester						Semester						Semester					
		I	II	III	VI	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
FEE	Tuition Fee	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	60,000	60,000	60,000	60,000	60,000	60,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	2500	0	0	0	0	0	2500	0	0	0	0	0	2500	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	0	0	0	0	5,000	0	0	0	0	0	5,000	0	0	0	0	0
	Semester Wise Course Fee	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**	**39,100**	**31,600**	**31,600**	**31,600**	**31,600**	**31,600**	**69,100**	**61,600**	**61,600**	**61,600**	**61,600**	**61,600**
	Yearly Fee	**70,700**		**63,200**		**63,200**		**70,700**		**63,200**		**63,200**		**1,30,700**		**123,200**		**123,200**	
	Total Course Fee	**197,100**						**197,100**						**377,100**					

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS

FEE STRUCTURE FOR POST GRADUATE DIPLOMA PROGRAMMES (2023-2024)

Components		PG Diploma in Agribusiness Management		PG Diploma in Banking, Financial Markets & Insurance		PG Diploma in Bank Credit Management		PG Diploma in Markets Banking & Operations		PG Diploma in Computer Applications		PG Diploma in Critical Care Technoloy		PG Diploma in Digital Marketing	
		Semester		Semester		Semester		Semester		Semester		Semester		Semester	
		I	II	I	II	I	II	I	II	I	II	I	II	I	II
FEE	Tuition Fee	42,000	42,000	48,000	48,000	48,000	48,000	48,000	48,000	42,000	42,000	48,000	48,000	48,000	48,000
	Examination Fee	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0
	Semester Wise Course Fee	**49,500**	**44,500**	**55,500**	**50,500**	**55,500**	**50,500**	**55,500**	**50,500**	**49,500**	**44,500**	**55,500**	**50,500**	**55,500**	**50,500**
	Total Course Fee	**94,000**		**1,06,000**		**106,000**		**106,000**		**94,000**		**106,000**		**106,000**	

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS
FEE STRUCTURE FOR POST GRADUATE DIPLOMA PROGRAMMES (2023-2024)

Components		PG Diploma in Dialysis Technology		PG Diploma in Early Child Development and Education		PG Diploma in Emergency Medical Services		PG Diploma in E-Vehicle Technology		PG Diploma in Histotechnology and Cytotechnology		PG Diploma in HR & Administration		Post Graduate Diploma in Food Technology	
		Semester		Semester		Semester		Semester		Semester		Semester		Semester	
		I	II	I	II	I	II	I	II	I	II	I	II	I	II
FEE	Tuition Fee	42,000	42,000	42,000	42,000	60,000	60,000	48,000	48,000	54,000	54,000	60,000	60,000	54,000	54,000
	Examination Fee	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	e	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0
	Semester Wise Course Fee	**49,500**	**44,500**	**49,500**	**44,500**	**67,500**	**62,500**	**55,500**	**50,500**	**61,500**	**56,500**	**67,500**	**62,500**	**61,500**	**56,500**
	Total Course Fee	**94,000**		**94,000**		**130,000**		**106,000**		**118,000**		**1,30,000**		**118,000**	

Institute reserves the right to revise the Fee Structure of programmes if necessary.

TISS SSE MUMBAI CAMPUS FEE STRUCTURE FOR POST GRADUATE DIPLOMA PROGRAMMES (2023-2024)											
Components		PG Diploma in Medical Laboratory Technology		PG Diploma in Marketing		PG Diploma in Supply Chain and Logistics Management		PG Diploma in Software Development		PG Diploma in Training and Development	
		Semester		Semester		Semester		Semester		Semester	
		I	II	I	II	I	II	I	II	I	II
FEE	Tuition Fee	60,000	60,000	48,000	48,000	60,000	60,000	48,000	48,000	60,000	60,000
	Examination Fee	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	0	0	0	0	0	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0
	Semester Wise Course Fee	67,500	62,500	55,500	50,500	67,500	62,500	55,500	50,500	67,500	62,500
	Total Course Fee	130,000		106,000		130,000		1,06,000		1,30,000	
Institute reserves the right to revise the Fee Structure of programmes if necessary.											

TISS SSE MUMBAI CAMPUS
FEE STRUCTURE FOR DIPLOMA PROGRAMMES (2023-2024)

Components		Diploma in Agriculture & Agri Input Managementhnology		Diploma in Auto Diagnosis & Repair		Diploma in Emergency Medical Technician		Diploma in Operation Theatre Techniques		Diploma in Geriatric Care		Diploma in Computer Applications (DCA)	
		Semester		Semester		Semester		Semester		Semester		Semester	
		I	II	I	II	I	II	I	II	I	II	I	II
FEE	Tuition Fee	15,000	15,000	18,000	18,000	24,000	24,000	24,000	24,000	12,000	12,000	18,000	18,000
	Examination Fee	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
CHARGES	Field Education / Internship / Experiential Learning Charges	0	0	0	0	0	0	0	0	0	0	0	0
	IT Charges	0	0	0	0	0	0	0	0	0	0	0	0
	Library Charges	0	0	0	0	0	0	0	0	0	0	0	0
	Other Charges (ID Card, Convocation & Misc.) *	0	0	0	0	0	0	0	0	0	0	0	0
FUNDS	Students' Competency Fund	0	0	0	0	0	0	0	0	0	0	0	0
	Lab/Studio Fund	0	0	0	0	0	0	0	0	0	0	0	0
	Development Fund	0	0	0	0	0	0	0	0	0	0	0	0
	Students' Union Fund *	0	0	0	0	0	0	0	0	0	0	0	0
	Alumni Fund *	0	0	0	0	0	0	0	0	0	0	0	0
	Health Care Fund*	0	0	0	0	0	0	0	0	0	0	0	0
DEPOSITS	Caution Deposit (Refundable at the time of exit from programme on submission of No Dues Certificate)*	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0	5,000	0
	Semester Wise Course Fee	**21,600**	**16,600**	**24,600**	**19,600**	**30,600**	**25,600**	**30,600**	**25,600**	**18,600**	**13,600**	**24,600**	**19,600**
	Total Course Fee	**38,200**		**44,200**		**56,200**		**56,200**		**31,600**		**44,200**	

Institute reserves the right to revise the Fee Structure of programmes if necessary.

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