### List of Digital Resources (2022)

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Library</td>
<td>Online access to scholarly journals, books, and articles.</td>
</tr>
<tr>
<td>Online Archive</td>
<td>Historical documents and archives digitized for accessibility.</td>
</tr>
<tr>
<td>Educational Resources</td>
<td>Interactive learning modules for students.</td>
</tr>
<tr>
<td>Research Data</td>
<td>Access to datasets generated by academic research.</td>
</tr>
</tbody>
</table>

### List of Digital Resources (2023)

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Digital Library</td>
<td>Enhanced user interface for accessing scholarly content.</td>
</tr>
<tr>
<td>Online Archive</td>
<td>Expanded collection of historic documents.</td>
</tr>
<tr>
<td>Educational Resources</td>
<td>New modules added for engineering and technology.</td>
</tr>
<tr>
<td>Research Data</td>
<td>Increased availability of scientific data.</td>
</tr>
</tbody>
</table>

### List of Digital Resources (2024)

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Digital Library</td>
<td>Increased number of available resources.</td>
</tr>
<tr>
<td>Online Archive</td>
<td>Additional historic events added.</td>
</tr>
<tr>
<td>Educational Resources</td>
<td>Integration of virtual reality in learning tools.</td>
</tr>
<tr>
<td>Research Data</td>
<td>Access to more advanced scientific data sets.</td>
</tr>
</tbody>
</table>
Align and Objectives

The aim of SIT, is to produce highly skilled and competent engineers with strong interpersonal and social abilities and to prepare them for employment in the industry.

- To produce engineers with broad-based knowledge of engineering and the ability to apply their knowledge to technical problems.
- To ensure that students are aware of the SIT's mission and values, and are motivated to achieve excellence in all aspects of their work.
- To provide a quality education that is relevant to the needs of industry and society.

Main Functions of SIT:

- To provide high-quality education and training to its students.
- To conduct research and development activities.
- To provide technical and professional services to industry and the community.

Main Programs

- Bachelor of Science in Mechanical Engineering
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Civil Engineering

CURRENT PROGRAMS

Postgraduate Program in SIT

News from the Department

- B.Eng. in Aerospace Engineering
- B.Eng. in Electronics and Communication Engineering

B.Eng. in Aeronautical Engineering

- B.Eng. in Mechanical Engineering
- B.Eng. in Industrial Engineering
- B.Eng. in Civil Engineering

Under Graduate Program in SIT

- B.Eng. in Electrical Engineering
- B.Eng. in Computer Engineering
- B.Eng. in Civil Engineering

Main Programs

- B.Eng. in Mechanical Engineering
- B.Eng. in Electrical Engineering
- B.Eng. in Computer Engineering
- B.Eng. in Civil Engineering

CURRY/FUTURE

- New Programs
- Upcoming Events
- Student Awards

B.Eng. in Aeronautical Engineering

- B.Eng. in Aerospace Engineering
- B.Eng. in Industrial Engineering
- B.Eng. in Civil Engineering

Under Graduate Program in SIT

- B.Eng. in Electrical Engineering
- B.Eng. in Computer Engineering
- B.Eng. in Civil Engineering

Main Programs

- B.Eng. in Mechanical Engineering
- B.Eng. in Electrical Engineering
- B.Eng. in Computer Engineering
- B.Eng. in Civil Engineering

CURRY/FUTURE

- New Programs
- Upcoming Events
- Student Awards
8.5.3 in Textile Engineering

Objectives:
- To impart knowledge of textile technology and production processes.
- To develop skills in the use of textile machinery and equipment.
- To understand the marketing aspects of the textile industry.
- To gain practical experience through laboratory work and industrial visits.

Course Structure:
- Basic Textile Technology
- Fabric Design and Development
- Textile Manufacturing Processes
- Textile Testing and Evaluation
- Textile Marketing
- Industrial Visit and Internship

8.5.4 in Fashion Design & Technology (FDT)

Objectives:
- To develop creative and critical thinking skills.
- To enhance knowledge of textile materials and finishes.
- To understand the design process and its application.
- To gain practical experience through workshops and industry internships.

Course Structure:
- Introduction to Fashion Design
- Design Process
- Textiles and Materials
- Color Theory and Application
- Pattern Making
- Fashion Show Production

8.5.5 in Fashion Technology & Marketing (FTM)

Objectives:
- To develop an understanding of the fashion industry.
- To gain practical experience in fashion photography and media.
- To understand the role of technology in the fashion industry.
- To develop skills in marketing and promotion.

Course Structure:
- Fashion Photography
- Fashion Media
- Fashion Technology
- Fashion Market Research
- Fashion Branding and Promotion

8.5.6 in Fashion Entrepreneurship (FEN)

Objectives:
- To develop entrepreneurial skills.
- To understand the business aspects of the fashion industry.
- To gain practical experience through start-up projects.

Course Structure:
- Business Planning
- Marketing and Sales
- Supply Chain Management
- Fashion Entrepreneurship
- Innovation and Sustainability

8.5.7 in Interior Design & Architecture (IDA)

Objectives:
- To develop an understanding of interior design principles.
- To gain practical experience through design projects.
- To understand the role of technology in interior design.

Course Structure:
- Interior Design Principles
- Materials and Finishes
- Lighting Design
- Sustainable Design
- Space Planning and Programming

8.5.8 in Product Design (PD)

Objectives:
- To develop an understanding of product design principles.
- To gain practical experience through design projects.
- To understand the role of technology in product design.

Course Structure:
- Product Design Principles
- Materials and Processes
- Prototyping
- Sustainability in Product Design
- User Experience Design

8.5.9 in Multimedia Design (MMD)

Objectives:
- To develop skills in multimedia design and production.
- To understand the role of technology in multimedia design.

Course Structure:
- Multimedia Design Principles
- Digital Imaging
- Animation
- Audio Production
- Video Production

8.5.10 in Graphic Design (GD)

Objectives:
- To develop skills in graphic design and production.
- To understand the role of technology in graphic design.

Course Structure:
- Graphic Design Principles
- Typography
- Illustration
- Branding
- Digital Imaging
Certification Course:

1. Certificate in Data Modeling

The certificate program is designed to provide students with the necessary knowledge and skills in data modeling. The program covers the fundamentals of data modeling and prepares students for careers in the data modeling industry. The program is divided into three main sections: Fundamentals of Data Modeling, Advanced Data Modeling, and Real-World Applications of Data Modeling.

Eligibility Requirements: Students must have completed an undergraduate degree in a related field or have a minimum of two years of work experience in the field.

2. Certificate in Artificial Intelligence

The certificate program is designed to provide students with the necessary knowledge and skills in artificial intelligence. The program covers the fundamentals of artificial intelligence and prepares students for careers in the AI industry. The program is divided into three main sections: Fundamentals of Artificial Intelligence, Advanced Artificial Intelligence, and Real-World Applications of Artificial Intelligence.

Eligibility Requirements: Students must have completed an undergraduate degree in a related field or have a minimum of two years of work experience in the field.

Basic and Regulation for the Academic Program (Degree)

To ensure the quality of the program, the university has established a series of regulations. All students enrolled in the program must complete the required courses and pass the exams. The program is divided into three main sections: Fundamentals of Artificial Intelligence, Advanced Artificial Intelligence, and Real-World Applications of Artificial Intelligence.

Eligibility Requirements: Students must have completed an undergraduate degree in a related field or have a minimum of two years of work experience in the field.

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Scheduling Notice: Please contact your academic advisor for any specific scheduling questions.