GUJARAT UNIVERSITY

DEPARTMENT OF ANIMATION, IT-IMS AND MOBILE APPLICATION

M.SC. IT

"Learners Today, Leaders Tomorrow"

Dr. Himanshu Pandya
Vice Chancellor
Gujarat University

Today's ever-changing world calls for an education ystem that constantly upgrades itself to deliver the skill sets that meet the changing industry requirements is the need of the hour.

Gujarat can be the driving force behind a global skills-based economy. The economy is on a continuinggrowth path and the industries are on expansion mode.In progress, development and growth in Gujarat happened very smoothly only because of the tendency to embrace new development and innovation.
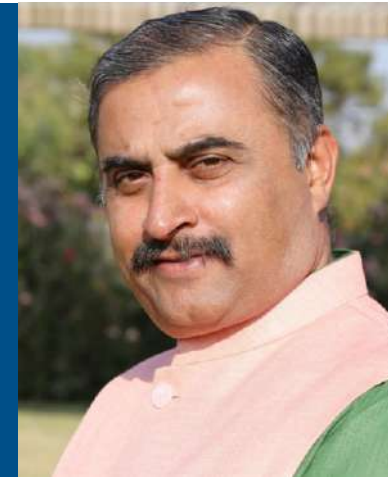
Today is the era of informationand knowledge. Gujarat has made up its mind to harness the power of InformationTechnology in its enntety and included it into its EducacatiSystem too.

Gujarat University understands the need of the hour & acted upon for giving bright future to young generation.I take great pleasure in announcing that Gujarat University offers Master Degree Program (M.Sc. IT) in Animation& VFX, IMS & Cloud Technology, Mobile Application& UI Development, Network Security.

These Courses are extremely well structured and provides a strong skill set along with academic prowess. The Courses are handled by skill-oriented academicians and subject mater experts from the Industry. At the end of course, students are counselled and trained adequately for their smooth transitioninto the professional realm.

We partner with the corporate sector and ensure that our students get the right opportunities to embark on their dream career.

I hereby welcome one and all to make best use of this opportunity. Higher educationand enhanced skill sets have always been the gateway to a booming career. This prospect aims at nurturing your passion with added academic value, making you the most sought-afer professional in these fields.

Dr. Jagdish Bhavsar
Pro Vice Chancellor
Gujarat University

Today the world is going Digital and so are we, it is important to maintain our pace with the world and make our students the future of country aware regarding the same. Our intension are to create a university that sets standards in academic and technical educationand become the leading university of the country.

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Higher educationand enhanced skill sets have always been the gateway to a booming career. When used well for educatonal purposes, the latest technologies can help create opportunitiesfor more act   e and meaningful learning experiences. Digital technology promotes innovationand creaativi, and typically ensures efficiency and prd product.
We have brought experienced, research oriented faculty and built a nexus with leading concern. This prospect aims at nurturing your passion with added academic value. I hereby welcome one and all to make best use of this opportunity& experience the difference in yourself.

ANIMATION & VFX

The new-age M.SC. IT in Animation& VFX is an advanced PG programme offered by Gujarat University. The programme has been designed with inputs by industry experts to groom students for the competite and fast-growing technology field of animation.The curriculum has been prepared with industry requirements in mind and it emphasises practcal, applicaaon-oriented learning. The animamon programme is a comprehensive package that teaches the complete Animation process from "script to screen". The programme is tailored to hone the conceptual, visualizationand craafskills of the students through theory and PrPracal. This program includes pre-production,Graphics, 2D Animaation3D AnimamatioAudio and Video editingand VFX.

DURATION: 2 YEAR (4 SEMESTER)
           LAST SEMESTER INTERNSHIP

THE PROGRAMME HELPS STUDENTS TO:

1. MASTER THE ART OF ANIMATION & FILM MAKING

2. HONE CRAFT SKILLS

3. HELP FOSTER CREATIVE THINKING AND IDEATION

4. INCULCATE THE HABITS OF EXPLORATION & EXPERIMENTATION

"Believe in your character, Animate with Sincerity"

MOBILE APPLICATIONS & UI DEVELOPMENT

The advent of internet technology in the mid-90s brought a major transformationin the world. Its birth gave raise to new technologies and IT industry expanded in scale like never before. The progress achieved in electronics and telecommunicationindustry made mobiles available to all. The developments in internet technology and the smart phone industry have given raise to many new sectors which are supportng business organisatons and have a huge market of their own. Mobile applicaaon and web technology are two of these sectors that have seen phenomenal growth due the technological advancements. The industry today requires professionals who have specialised knowledge in these areas and can take up responsibilitiesto drive growth. The M.Sc. IT programme with Mobile Applicationas specialisaatiooffered by Gujarat University is designed to meet the knowledge and skill requirement of the industry.

DURATION: 2 YEAR (4 SEMESTER)
             LAST SEMESTER INTERNSHIP

M.Sc. IT programme ensures that the students are trained in core areas of computer science with specialised focus on mobile technology. The programme comprises of vital subjects and practial labs which can help students be successful.

Gain Basic Knowledge Of C Programming, Java Programming And Database Management System.

Gain Exposure To Cross Platorm Development With Fluter And React Nati e, Html5, Css3, angular9, nodejs. Mongodb

Learn In Depth About Mobile App Development For Various Platorms Like Android And iOS.

C & C++ Java • HTML CSS3 JS5 • Dart • DBMS • UI / UX

Kotlin • iOS • A • Swift • PHP • Flutter • React Native • node JS

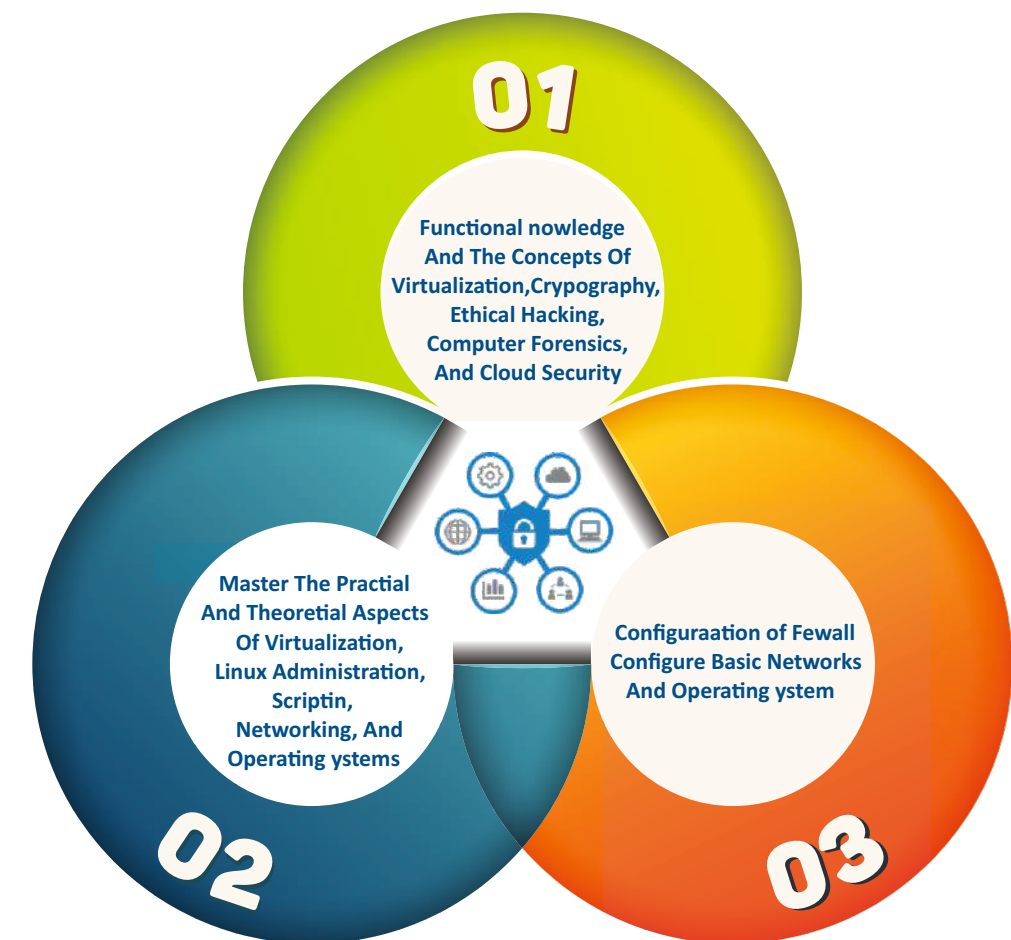# MOBILE APPLICATIONS & UI DEVELOPMENT

NETWORK SECURITY

M.Sc. IT in Network Security is a specializationdegree offered by Gujarat University. The programme has been designed with the help of industry experts to guide and groom students for the competit e and dynamic new-age technology sector. The curriculum has been tailored in a way that includes both theory and practial, applicaation-ori ted learning. The course objectve is to provide students with an in-depth understanding of all concepts and fundamentals of informationsecurity.

DURATION: 2 YEAR (4 SEMESTER)

LAST SEMESTER INTERNSHIP

The course includes all the important aspects of securing network infrastructure with all t necessary topics covered. At the end of the programme Student will be able to understan below technology:

01 Functional nowledge And The Concepts Of Virtualization,Crypography, Ethical Hacking, Computer Forensics, And Cloud Security

02 Master The Practial And Theoretial Aspects Of Virtualization, Linux Administration, Scriptin, Networking, And Operating ystems

03 Configuraation of Fewall Configure Basic Networks And Operating ystem

IMS AND CLOUD TECHNOLOGY

The new-age Master of M.Sc. IT IMS & Cloud Technology is a unique specializationthat is offered by Gujarat University. The programme has been designed with inputs by industry experts to groom students for the competit e and fast-growing sector of internanational business. The curriculum has been prepared with industry requirements in mind and it emphasises practial, applicaation-ori ted learning.

The Program equips students with an in-depth knowledge of all aspects of IMS such as Networking, OperatingSystems, VirtualizaationMail Server, Cloud d Computi and Data Centre Technologies.

DURATION: 2 YEAR (4 SEMESTER)
        LAST SEMESTER INTERNSHIP

This Program Will Help Students To:

1 Master the practial and theoretial aspects of virtualization technologies, cloud technologies, data centres, networking, and

2 Implement advanced infrastructure solutions, configure and troubleshoot networks and operating system, and demonstrate functional knowlede of data centres and the concept of virtualization

3 Accomplish all-inclusive knowledge, technical expertise, and hands-on experience in IT infrastructure management.

PLACEMENT COMPANY LIST

- Yudiz Solutions Pt. Ltd
- AGILE Infoways Pvt ltd.
- Greencloud isoft Pt ltd.
- Maven Infosoft Pt. Ltd
- BSP Technologies
- Wizzotech
- Webmob Technologies
- Addon Solutions vt. Ltd
- Kaizen Infocomm Pvt. Ltd.
- Macdroid Solution Pt. Ltd
- Novity Technologies
- Agilecube Technologies Pvt. Ltd
- Hi Fi Design Institue
- Unmatched Solutions Pt. Ltd
- Xeme IT Solutions
- Space-O InfoWeb Pvt. Ltd.
- Infinium Solution t. Ltd
- Radix Web Technology
- Maxgen Technologies Pvt. Ltd
- I-Link Infosoft
- Sophos Technology Pvt. Ltd.
- Yudiz Solutions Pt. Ltd
- Theta Technolabs
- Bypeople Technology
- Micro Vision
- Data First
- Elision Technology

- e-Procurement Technologies Ltd
- Hajari Infomatics td
- Knowarth
- ADS Foundation
- Dubond Product Pvt. Ltd.
- Dev IT Pvt. Ltd.
- Silver Touch Technologies Limited
- Physical Research Laboratory
- Kirti elnet Pvt. Ltd.
- Atos India Pvt. Ltd.
- Micro Link Solutions
- Sampoorna Solution
- KIFS Trade Capital
- Kalp Systems
- Acute Infomatics P t. Ltd
- Ace Infoway Pvt. Ltd
- Bits Cape Ltd.
- Hem Infotech Pvt. Ltd
- Jenex
- Saras 3D
- Vistaprint.in
- ISRO
- Assemblage Entertainment
- DQ Entertainment International Pt. Ltd
- Arth I Soft
- Rock star Studio
- UN Design