

SUMMER - WINTER
SCHOOL PROGRAM



Summer - Winter School Program

Summer - Winter School Program offers interactive shortcourses twice a year in various domains.

The courses are designed to provide an exhaustive and in-depth knowledge. All courses explore theory and practical perspectives which will help students to gain more from, and contribute more through working life. The program covers city sightseeing. We also arrange weekend trips on prior request.

- One of the most developed states of India.
- Termed as the growth engine of India.
- Its vibrant economy created global impact in all sectors.
- Asia's largest co-operative industry, Amul industry is in Gujarat.
- Asia's biggest petrochemical refinery, Reliance Industries, is located in Gujarat.
- Birth place of legendary leaders like Mahatma Gandhi & Sardar Vallabhbhai Patel.
- Has eminent institutes like IIMA, NID, IITG, MS University and many more.

Why study in Gujarat?

Why study in India?

- World's largest democracy with world acclaimed education standards, since ancient times.
- Currently is one of the best & largest education systems in the world.
- Higher Education in India is the third largest in the world.
- Education and curriculum relevant to developing nations.
- Friendly & safe environment
- Affordable fee & living expenditure
- World class infrastructure
- Ample research opportunities Advanced & modern facilities
- Focus on innovation & creativity
- Globally recognized degrees
- Cultural diversity Pleasant climate.

Why study in Rajkot?

- Precision engineering hub of India.
- Conservative yet modern.
- Well connected, Airport, proximity to International Airport.
- The city where Mahatma Gandhi took his school education.
- Rajkot is a hub for manufacturing industries.
- Best opportunities & resources for industrial training or entrepreneurship.



○ Why study at RKUNIVERSITY ?

- Established & approved by Govt. of Gujarat, under Private Universities Act 2009 and recognized by University Grants Commission (UGC), Govt. of India, under section 22 of UGC Act, 1956.
- 102 acres campus | 9,00,000 sq ft of ultra modern infrastructure | Pollution free campus Water recycling | Renewable energy usage of solar energy and biogas.
- The only state private university accredited by NAAC-UGC in western Gujarat region.
- RK University is ranked 4th across the nation in Swachh Campus Ranking 2018 by MHRD, Government of India.
- All programs are approved by respective councils such as AICTE, PCI, IAP, DTE, CCIM, etc. & recognized nationally & internationally.
- Illustrious legacy of more than a decade in higher education, with numerous awards, recognitions and laurels.
- Ranked among Top 30 Private Universities of India by CII for "Research Productivity".
- Only university in the region to have B-School rated "A Grade" by Business Standard.
- International collaborations with more than 20 universities across the globe.
- Innovative assessments which includes learning activities, case studies, presentations etc.
- CABGIN, INNOTAL, ENGINNES, INTEGRA & TEAL2.0 - European Union Funded Projects.
- MOUs with MNC companies like Cisco, Infosys, Oracle, Wadhvani Foundation, Red Hat etc.
- International exchange programs in UK, Europe & Asia Pacific.
- Nodal Centre of Innovation & Incubation, Government of Gujarat.
- Authorised Center for Cambridge English Language Assessment & IELTS.
- Hi-Tech industry certified research labs with international standards equipments & apparatus, Centre for Professional Development, CESL - Center for English as a Second Language, University Bridge Program & industrial internships.
- Strong Instructor profile: PhD holders, Work experience, Industry experience
- Institutional Best Practices: LED, Workshop on Excelling in Research, Pedagogical Innovations, Library Resources.
- All round career support for placements, start - ups, higher studies & competitive exams.
- Extensive support for startups through K.S. Patel Centre for Entrepreneurship.
- Students' Clubs under Student Organizations Advisory Council.



Program Start date

February Intake
1st February

July Intake
1st July

Program application deadline

February Intake
30th November

July Intake
30th April

How to apply?

Application process:

- 1 Submit online application
- 2 Application assessment
- 3 Conditional decision
- 4 Course fee payment
- 5 Submit remaining documents
- 6 Admission confirmation



Cross Cultural Management Avenues

Introduction

This course offers an opportunity to raise awareness and develop the skills and knowledge required by managers who seek to work in modern global business community. In particular the focus of the modules is to clear on basics of corporate culture and ground the understanding for drivers to lead in cross cultural business aspects like communication skills, managerial roles, Negotiations, decision making, leadership with international context. The emphasis will be on how individuals, teams and organizations manage cultural differences.

Objectives

- Understand basic concept of corporate culture.
- Identify the impact of global business environment on corporate culture & business.
- Apply theoretical frameworks in analyzing culture & related management problems.
- Recognize how cross cultural communication differences affect business decision Making .
- Understand negotiation and leadership skills required across cultures and borders.

Program Agenda

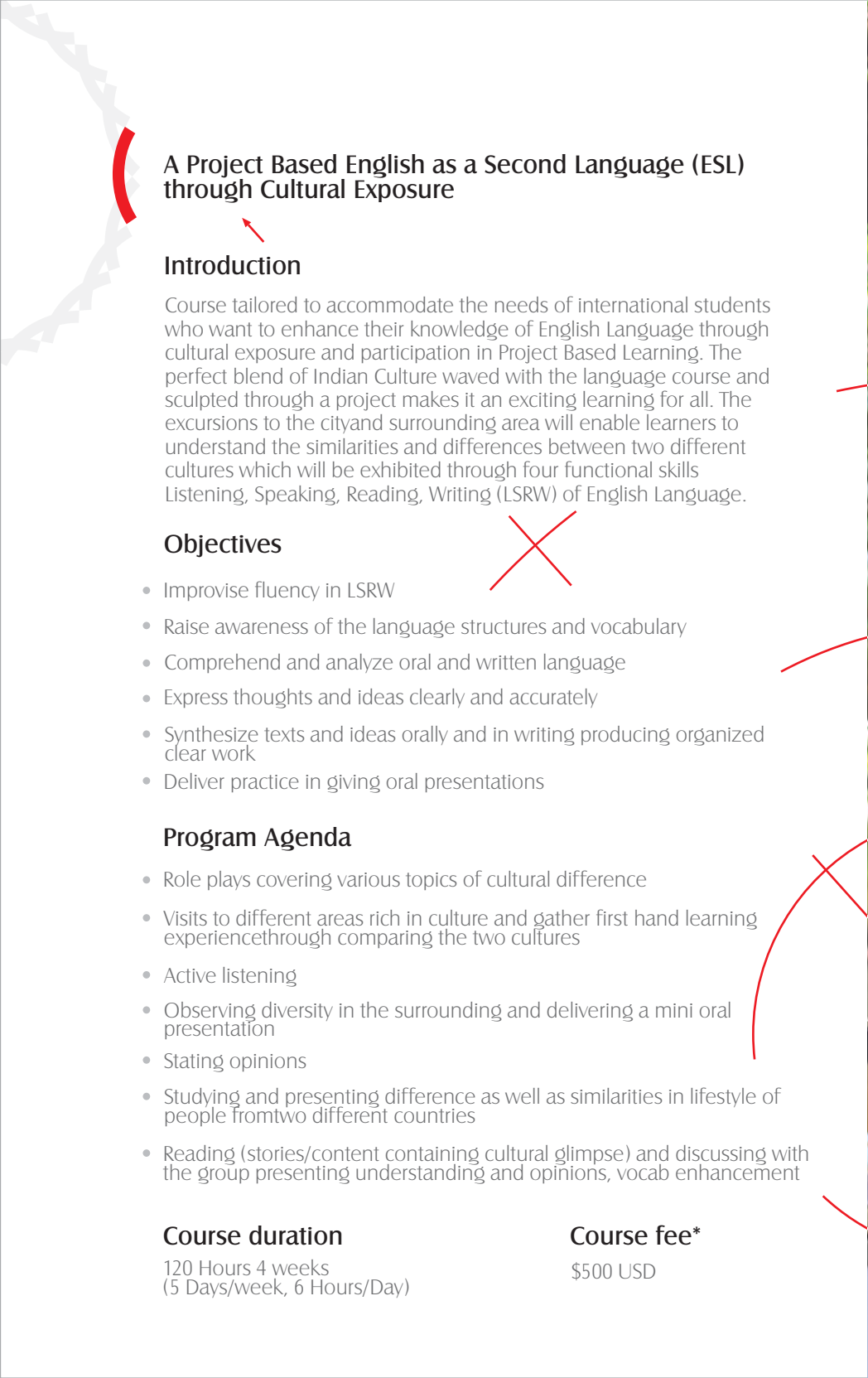
- Introduction to Corporate Culture with Business Context
- Cross Cultural Understanding - Theories & Conceptual Models
- Global Business Environment and cross cultural Management
- Cross Culture Negotiation and Decision Making
- Cross Cultural Communication
- Managing Knowledge across Cultures and Borders
- Leadership and Managerial Roles

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD



A Project Based English as a Second Language (ESL) through Cultural Exposure

Introduction

Course tailored to accommodate the needs of international students who want to enhance their knowledge of English Language through cultural exposure and participation in Project Based Learning. The perfect blend of Indian Culture waved with the language course and sculpted through a project makes it an exciting learning for all. The excursions to the cityand surrounding area will enable learners to understand the similarities and differences between two different cultures which will be exhibited through four functional skills Listening, Speaking, Reading, Writing (LSRW) of English Language.

Objectives

- Improvise fluency in LSRW
- Raise awareness of the language structures and vocabulary
- Comprehend and analyze oral and written language
- Express thoughts and ideas clearly and accurately
- Synthesize texts and ideas orally and in writing producing organized clear work
- Deliver practice in giving oral presentations

Program Agenda

- Role plays covering various topics of cultural difference
- Visits to different areas rich in culture and gather first hand learning experiencethrough comparing the two cultures
- Active listening
- Observing diversity in the surrounding and delivering a mini oral presentation
- Stating opinions
- Studying and presenting difference as well as similarities in lifestyle of people fromtwo different countries
- Reading (stories/content containing cultural glimpse) and discussing with the group presenting understanding and opinions, vocab enhancement

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD



CCNA (Cisco Certified Network Associate) Routing and Switching

Introduction

Begin preparing for a networking career which includes learning the architecture, structure, functions and configurations needed to implement network. Students will get the chance to configure a network, such as a simple LAN (Local Area Network), wireless networks, WAN (Wide Area Network), basic network security etc. Students will have a working knowledge of routing, switching, network applications and protocols, configuration of networks, scaling networks and connecting networks. This course prepares students to be ready for CCNA R&S (Routing and Switching) Certification.

Objectives

- Build simple LANs, perform basic configurations for routers and switches, and implementing IP addressing schemes.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Configure and troubleshoot routers and switches and resolve common VLAN routing issues in both IPv4 and IPv6 networks.
- Configure WAN technologies and network services required by converged applications in a complex network.
- Work with routers and switches using OSPF, EIGRP, and STP protocols in both Ipv4 and IPv6 networks.
- Troubleshoot routers & switches; resolve common VLAN routing issues in both IPv4 & IPv6 networks.
- Prepare for Cisco CCNA R&S Certification.

Program Agenda

Basics of networking and protocol architecture | IPv4 and IPv6 addressing | Explore network operating system and its basic configurations | Configuration of various application layer protocols | Static and dynamic routing configurations | Basic switch configurations | Design and scaling of LAN | VLAN and inter-VLAN routing | Access control list | DHCPNAT | Spanning Tree Protocol | WAN configurations | Network security and monitoring | Network troubleshooting

Course duration

180 Hours 6 weeks
(5 Days/week, 6 Hours/Day includes
2 Hours lecture, 4 Hours Handson)

Course fee*

\$700 USD

Cyber Security

Introduction

Uncovering cyber crime, cyber espionage and other threats to the integrity of networks is an exciting new area that spans all industries. Learn the skills to qualify for exciting and growing opportunities in security operation centers as an analyst or incident responder. And most importantly, help make the world a safer place. The course focuses on how to monitor, detect and respond to cyber security threats. Plus, covers cryptography, host-based security analysis, security monitoring, computer forensics, attack methods and incident reporting and handling. Potential harm can come from a variety of sources. And the risk can quickly scale to a high-consequence event where you'll have to react using the right knowledge. CCNA Security prepares you for tasks like these by developing the skills needed to design, implement and support security for network devices and ensure their integrity.

Objectives

- Acquire working knowledge of network security principals.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Design, implement and support security for networked devices & data.
- Deepen knowledge in how best to detect and respond to security incidents.
- Practical skills in cybersecurity operations.

Program Agenda

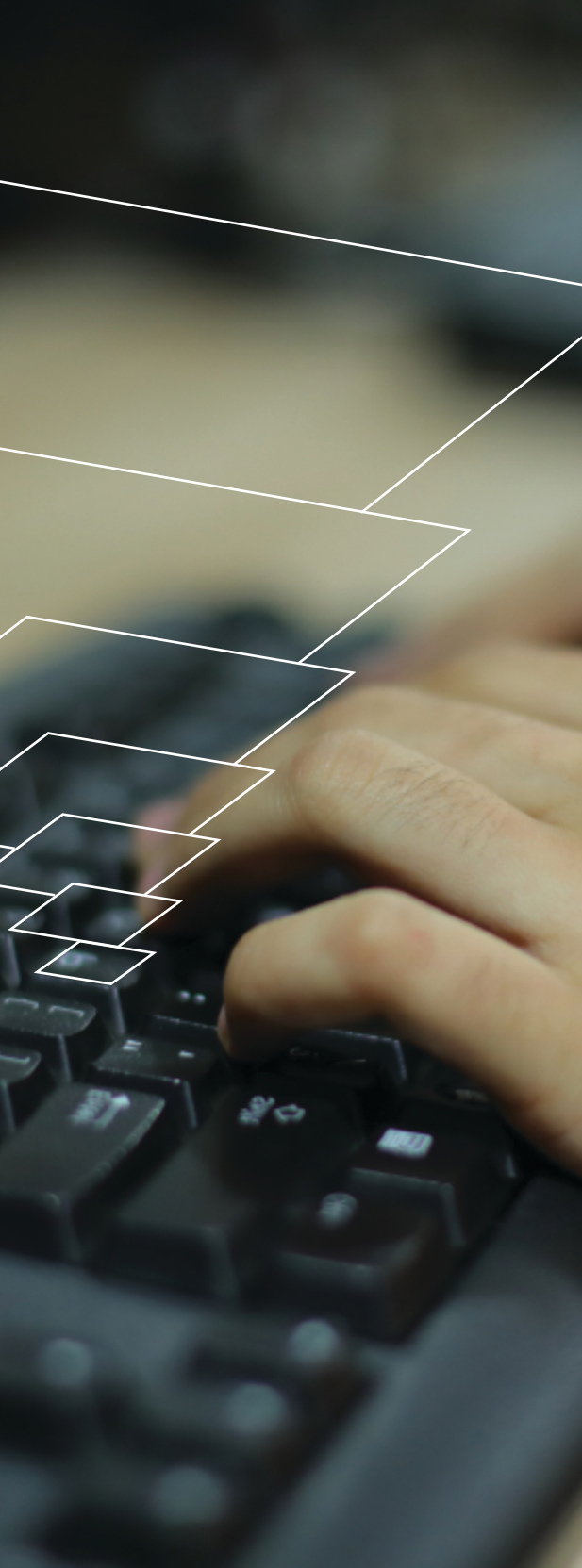
Cybersecurity Basics | Threats, Vulnerabilities, and Attacks | Cryptography | Database integrity | Digital Signature and Certificates | Authentication techniques | Windows administration and security | Linux administration and security | various protocols and its configurations | Network Security | Endpoint security and analysis | Application Security | Vulnerability assessment | Security monitoring tools | Incident response and helping | Disaster recovery | Server hardening | Network hardening | Physical security

Course duration

120 Hours: 4 weeks
(5 Days/week, 6 Hours/Day includes
2 Hours lecture, 4 Hours Hands on)

Course fee*

\$500 USD





Wellness through Yoga and Meditation

Introduction

The course will provide physical and mental wellness of the participant with the help of the proven techniques of Yoga and Meditation. A divine consciousness is always ready to heal, help and guide us. The only thing we should do is to connect with it, which is called Yoga (To Unite). The course will help to learn about basic principles of wellness for body and mind.

Objectives

- Balance and control life energies
- Learn basic Yoga techniques to relieve stress.
- Know various methods of Meditation
- Attain a higher level of consciousness

Program Agenda

- Importance of Meditation and Yoga.
- Various meditation techniques including Yog Nidra (Relaxed Sleep)
- Various types of Yoga
- Asnas, Pranayama and Kriyas
- Various sources of stress: Yoga and Meditation to relieve the stress.
- Managing Knowledge across Cultures and Borders
- Principles of Happiness

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD



Product Design and Prototype Development

Introduction

The course is meant to learn product design and its various phases. The candidate will go through various product design phases by leveraging on the project based learning. The entire course is full of activities. The course will give good exposure to product design with design thinking and solution based approach.

Objectives

- Understand customer centric design by implementing UX design technique.
- Design and create prototypes with 3D printing.
- Design of the product using CAD tools.
- Understand legal and ethical issues in product design.

Program Agenda

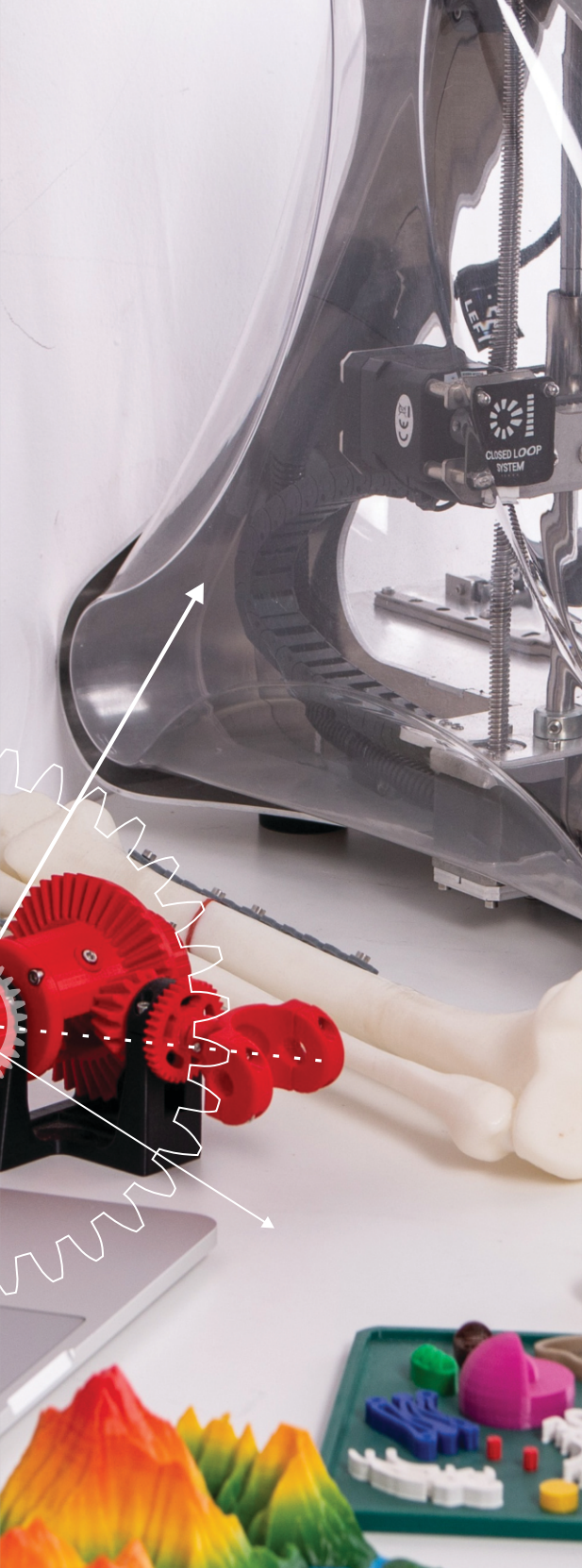
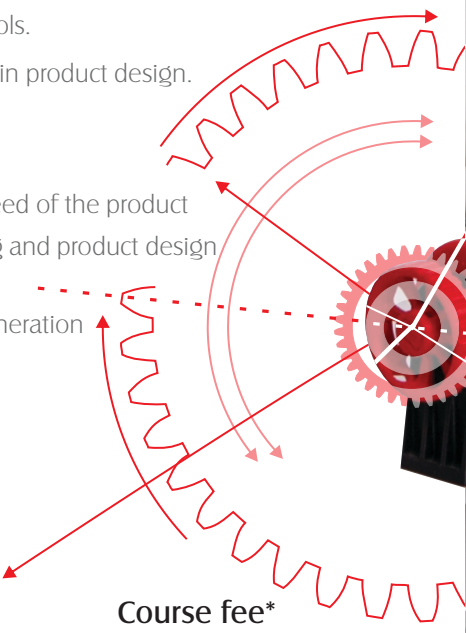
- Understanding the meaning and need of the product
- Difference between design thinking and product design
- Defining the need challenge
- Ideation, sketching and concept generation
- Paper to product
- UX design
- Product design using CAD
- Prototyping techniques, 3D printing
- Case studies and live projects

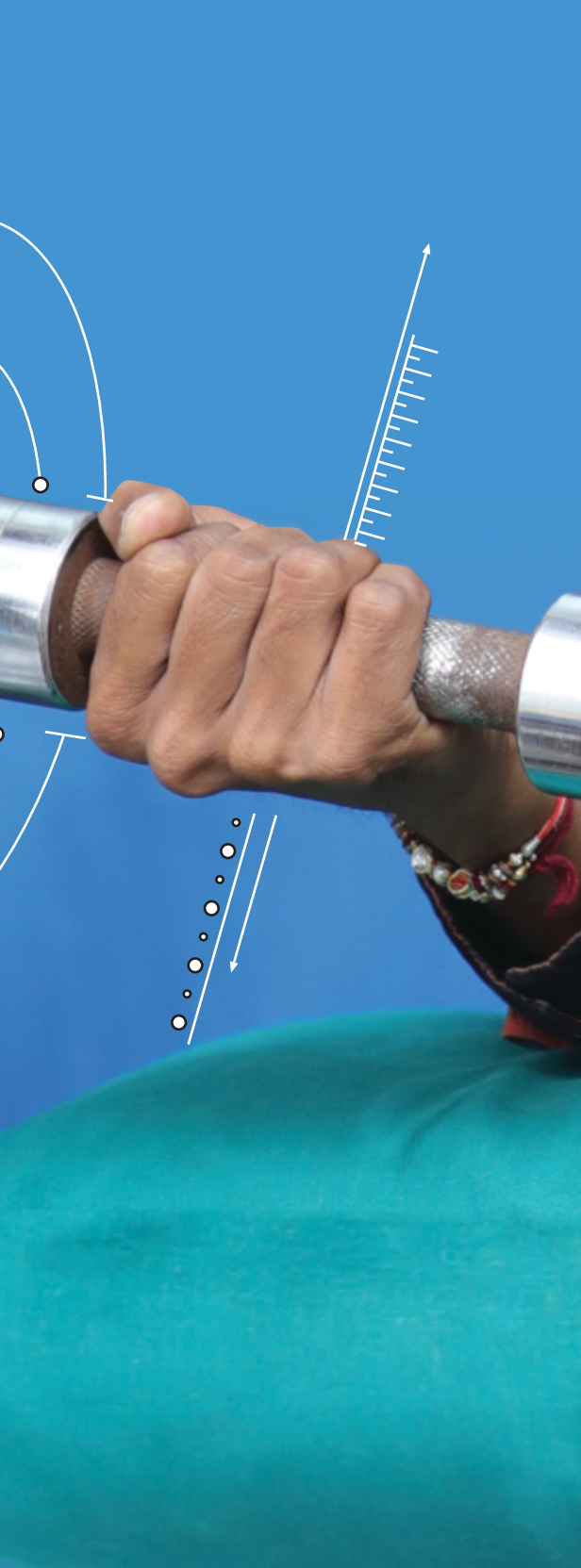
Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD





Physiotherapy practice in India

Course Introduction

This course is designed to know physiotherapy practice in India. This course will provide a broad spectrum of indian physiotherapy practice including ancient approach and modern medicine at various levels of health care systems which includes promotion of health as well as prevention, and cure from diseases and disorders. As the Community based rehabilitation and allied therapeutics are the integral parts of physiotherapy practice in India will be elaborated in this course.

Course Objectives

- To understand the contribution of Indian ancient therapeutic practice in physiotherapy.
- To learn the indian physiotherapy practice in prevention and control of various diseases and disorders
- To practice the concept of community health and role of physiotherapy at community based Rehabilitation.
- To analyze the integral approach of physiotherapy with allied health sciences in indian health care practice.

Program Agenda

- History of Physiotherapy Practice in India
- Promotion of Health
- Prevention and cure of diseases and disorders
- Ergonomics for Indian population
- Occupational Hazards occurring in Indian industries
- CBR for Indian Communities
- Integral Therapeutic Approach with Allied Therapeutics - Yoga, pranayama, acupuncture and acupressure

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD

Industrial Pharmacy

Course Introduction

Industrial Pharmacy course includes pharmaceutical formulation development and evaluation of various dosage forms with practical training. This course also give basic information and understanding of need, benefit, formulation and evaluation of novel drug delivery system.

Course Objectives

- Know the various pharmaceutical dosage forms and their manufacturing techniques.
- Know various considerations in the development of pharmaceutical dosage forms.
- Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality.

Program Agenda

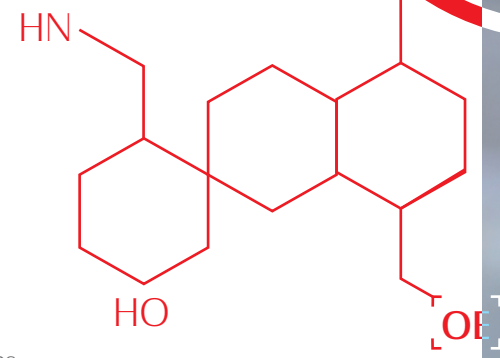
- Tablets
- Liquid orals
- Capsules
- Parenteral Products
- Cosmetics Products
- Packaging Materials Science
- Transdermal Drug Delivery Systems
- Semi solid dosage forms
- Gastroretentive drug delivery systems
- Novel Drug Delivery System

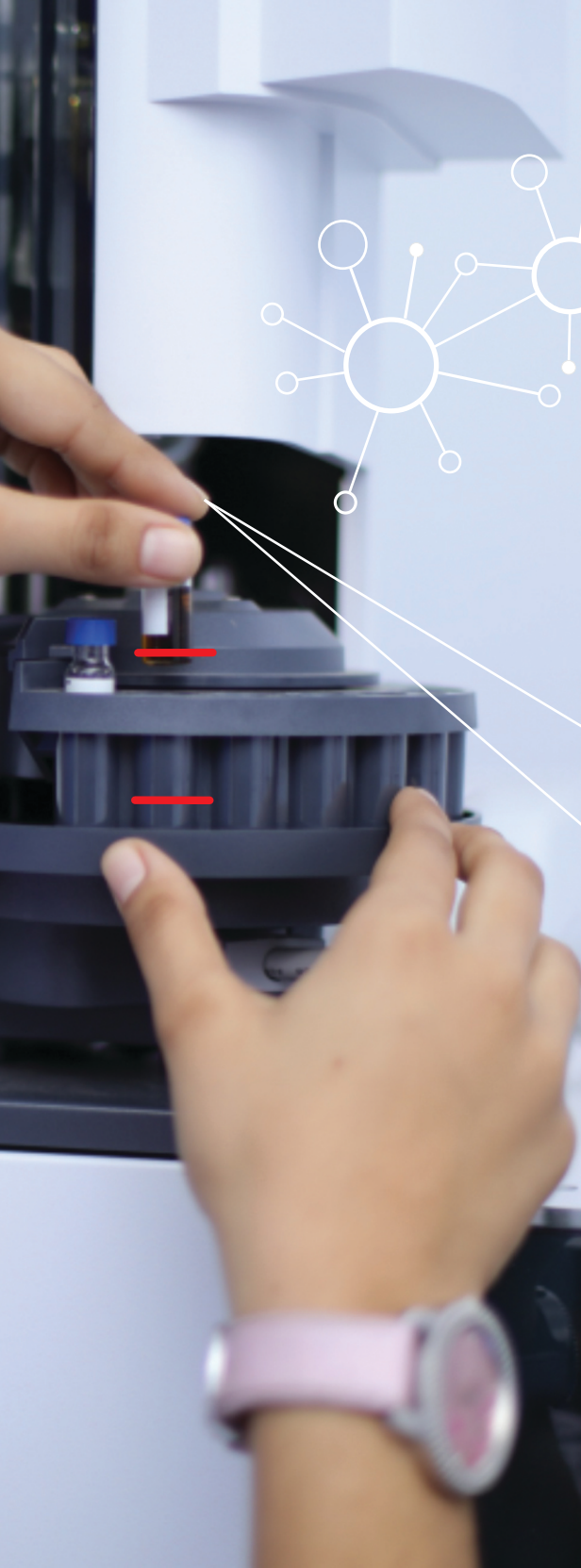
Course duration

180 Hours 6 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$700 USD





Drug Design and Discovery

Course Introduction

This course will explore the process of drug development, from target identification to final drug registration. It will present drug development as a process involving target selection, lead discovery using computer-based methods and combinatorial chemistry/high-throughput screening. Safety evaluation, bioavailability, and clinical trials will also be discussed. Along the way you will learn about molecular recognition, CADD and toxicology as applied to the development of new medicines.

Course Objectives

- Understand process of drug design and discovery.
- Interpret and practice the fundamental concepts of Molecular Modeling and Computer-aided Drug Design.
- Explain how methods for predictions are used to make early decisions in the drug discovery and development.
- Carry out searches in databases to retrieve information relevant to the development of a new drug.

Program Agenda

- Introduction to Drug Discovery and Development
- Quantitative Structure Activity Relationship (QSAR)
- Molecular Modeling and virtual screening techniques
- Bioinformatics & Methods in drug design
- Computer Aided Drug Design (CADD)
- High throughput screening
- Combinatorial Chemistry
- Practical skill on drug design models

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD

New Venture Creation & Entrepreneurship in India

Course Introduction

Dreaming of being an entrepreneur or start a business is easy, but to give wings to your dreams and become a successful entrepreneur is not a cakewalk. It demands much more than just taking a risk and sourcing a fund. This course is designed for all prospective entrepreneurs, who are aspiring to work independently and want to be their own boss. This course is intensively designed with a goal to transform potential idea to a successful early stage venture. Participants will be guided with the methods of exploring ideas, frameworks to evaluate business opportunities, develop as well as test business model and preparing a comprehensive business plan. Hands-on and activity based approach of this course will help participants to go through each stage of the process in a very systematic and scientific way.

Course Objectives

- Familiarize participants with basic principles and theories of entrepreneurship.
- Find problem worth solving and identify business opportunity
- Design and validate business model
- Craft appropriate business plan and prepare a go to market strategy.

Program Agenda

- Fundamental of Entrepreneurship
- Identifying problem and Idea Generation
- Lean Canvas
- Validating Idea/Product
- Entrepreneurship and Money
- Refining the Business Model and Product/Service
- Business Planning
- Venture Management

Course duration

120 Hours 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD





Concepts of Ayurveda Designed by Dr. M. D.Shastri

Introduction

This course will explore the process of drug development, from target identification to final drug registration. It will present drug development as a process involving target selection, lead discovery using computer-based methods and combinatorial chemistry/high-throughput screening. Safety evaluation, bioavailability, and clinical trials will also be discussed. Along the way you will learn about molecular recognition, CADD and toxicology as applied to the development of new medicines.

Objectives

- Understand and apply the basic principles of Ayurveda
- Learn different diet plans mentioned in ancient classical texts
- Perform and practice of Abhyanga (Body massage) and Shirodhara for avoiding various occupational hazards
- Analyze basics of Ayurvedic Cosmetology

Program Agenda

- Different techniques of Abhyanga (Body massage)
- Role and technique of Shirodhara
- Ayurveda concept of Cosmetology
- Preparation of different products useful in Cosmetology
- Principles and basic information about body types
- Diet plans as per different body types and disease conditions
- Use and effects of different cereals, pulses, vegetables etc.

Course duration

120 Hours: 4 weeks
(5 Days/week, 6 Hours/Day)

Course fee*

\$500 USD

*** Course fee includes application fee, Accommodation, Week days food - breakfast, lunch & dinner and local city sightseeing**

Required documents

- 1 Application form
- 2 Photocopy of Passport
- 3 Medical certificate
- 4 Health insurance policy
- 5 Undertaking form



Source: Andrew itce

Excursion places near bye the City Rajkot

GIR FOREST

The only territory in the world outside Africa where a lion can be seen in its natural habitat.

The area of Gir National Park was once the hunting ground for the Britishers during their reign in India and while hunting these great numbers of tigers and lions accompanied by several Rajas and Maharajas of the region, it was considered as a matter of great pride. Government of India banned the hunting process in the area in the year 1960 and today with an approachable count of increase in lions the area is only available for photo safaris. Today the park is recognized as one of the most important protected areas in Asia due to its supported species. Gir is accustomed of unique ecosystem with diverse flora and fauna and is now considered as one of the most important protected areas in Asia due to its unsupported species.

Gir, the royal kingdom of the Asiatic lions is the perfect dwelling place for most of the wildlife creatures and with the presence of great environs and topography thronging along this region, the area has really got its true importance. Also known as Sasan-Gir, or Gir forest, this is a forest and wildlife sanctuary in Gujarat, established in 1965.

The Gujarat State Forest Department has used the reserve area where the area is also flourished with more than 300 species of birds. The scavenger group of birds has 6 recorded species of Vultures. Some of the typical species of Gir include Crested Serpent Eagle, Brown Fish Owl, Crested Hawk-eagle, endangered Bonelli's Eagle, Rock Bush-Quail, Indian Eagle-Owl, Black-headed Oriole, Pygmy Woodpecker, Crested Treeswift and Indian Pitta.



Official website:
www.girsomnath.nic.in



Source: Joshua sortino

Excursion places near bye the City Rajkot

DIU

Diu is an island situated slightly off the coast of Kathiawad near the Port of Veraval in Gujarat with a coastal length of 21 kms. There are many places in Diu which attract the tourists like The Naida caves, Fort Diu - located on the Western coast of Indian was built by Portuguese Nagoa Beach, The Zampa Gateway, the Diu Museum, Fortim-do-Mar or Panikota Fort - a former Diu Jail with white coloured huge structure, The St. Paul Church - one of the most famous tourist attractions of Diu, Sunset point, The Ghoghla beach - the Golden sand beach undulates into the horizon while the Arabian Sea laps away at the edge as though imploring the sands to let it find its own beach, and many more.

The documented history of the District of Diu begins with the Maurya rule (c. 322-220 B.C.). Emperor Chandragupta Maurya had extended his supremacy over Saurashtra and had appointed Pushagupta as Governor of the province of Saurashtra with the Head-quarters in village Girnar near Junagadh. The District seems to be under the rule of Indo-Greek kings Eukratides (C. 171-150 B.C.), Meanandar (C. 115-90 B.C.) and Appollodotes II of the 1st Century B.C. to about A.D. 50. Liberated on 19th December, 1961 from Portuguese; became a part of the Union Territory. of Goa, Daman and Diu under Government of India.



Official website:
<http://diu.gov.in/about-diu.php>



Source: Hari Nandakumar

Excursion places near by the City Rajkot

KUTCH

Kutch District is surrounded by the Gulf of Kutch and the Arabian Sea in the south and west, while the northern and eastern parts are surrounded by the Great and Little Rann (seasonal wetlands) of Kutch. Kutch literally means something which intermittently becomes wet and dry; a large part of this district is known as Rann (desert) of Kutch which is shallow wetland which submerges in water during the rainy season and becomes dry during other seasons. The Rann is known for its marshy salt flats which become snow white after the shallow water dries up each season before the monsoon rains. Experience Kutch at its colorful and exotic best during the Rann Utsav (festival) which is normally from October to February. This annually organized festival offers an opportunity for visitors to attend folk dance and music concepts, to watch artisans at work, to shop directly from NGO's craftspeople and village co-operatives, to see the great historical monuments in the state, and to visit places off the usual tourist trail. The cool winter breeze and soothing rays of full-moon night welcomes tourists. Nearly 32 cultural troupes from various districts of Gujarat participate in the Dance and Musical Carnival, and about 1,50,000 people from Bhuj and Kutch are expected to enjoy the carnival. The district is also known for ecologically important Banni grasslands with their seasonal marshy wetlands which form the outer belt of the Rann of Kutch.

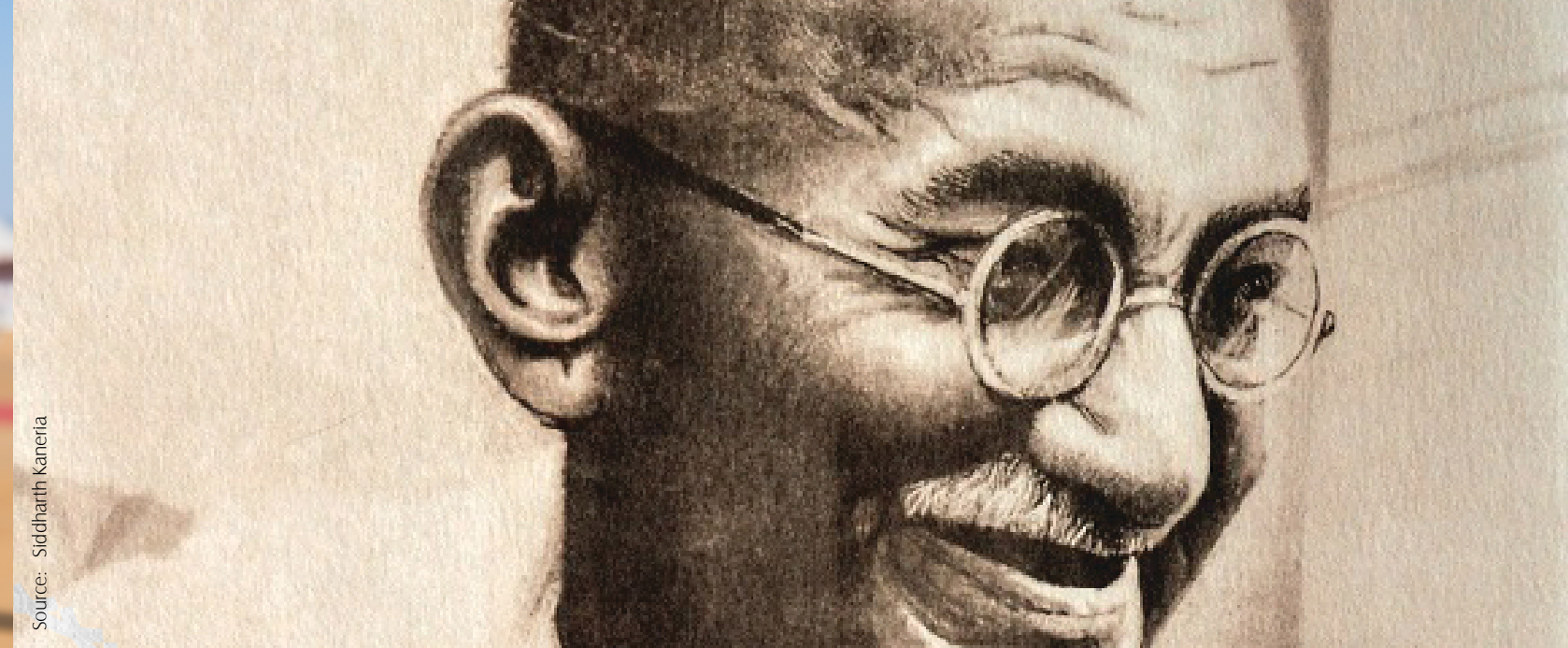
The Kutch Embroidery is a handicraft and textile signature art tradition of the tribal community of Kutch District in Gujarat, India. This embroidery with its rich designs has made a notable contribution to the Indian embroidery traditions. The embroidery, practiced normally by women is generally done on fabrics of cotton, in the form of a net using cotton or silk threads. In certain patterns, it is also crafted over silk and satin.



Official website:
www.gujarattourism.com/hub/8



Official website:
www.rannutsav.com



Source: Siddharth Kaneria

Excursion places near by the City Rajkot

Birth place of MAHATMA GANDHI

Mohandas Karamchand Gandhi was born on 2nd October 1869 in Porbandar (also known as Sudamapuri), a coastal town on the Kathiawar Peninsula and then part of the small princely state of Porbandar in the Kathiawar Agency of the Indian Empire. Kirti Mandir is the memorial house kept in memory of Mohandas Karamchand Gandhi and Kasturba Gandhi located in city of Porbandar. The height of the temple is of 79 feet symbolizes the 79 years of lifespan of Gandhi. The monument Kirti Mandir is a symbol of religious integration of six religions, the architectural elements of Hindu, Buddhist, Jain, Parsi temple, Church and Mosque are symbolized at Kirti Mandir integrate, which symbolize Gandhi's respect towards all religions. There are life size oil paintings of Mahatma Gandhi and Kasturba kept side by side in the centre of Kirti Mandir. Gandhi wanted that he should not be made a God and so, keeping his wishes, floral garlands are not used. The auspicious words, 'The Truth' and 'Non-violence', symbolizing his life and preachings are placed near their feet.

On the right side there are two rooms as the memorials of Maganlal Gandhi and Mahadev Desai, and the room on the left hand side is meant for the exhibition of the museum. These three rooms contain articles of khadi bhandar, things of handicraft, the centre is for the sale of books, the office-room and the reception hall. Kasturba-Mahila Library situated in the Kirti mandir. The Kirti Mandir is the main tourist attraction of the town.



Official website:
www.gujarattourism.com/destination/details/7/274

www.rku.ac.in



Office of International Affairs

+91 8980724363, +91 7016685360

+91 8980724363 (WhatsApp)

international@rku.ac.in

Main Campus

Kasturbadham, Rajkot - Bhavnagar Highway,
Rajkot, Gujarat 360020

City Campus

New 150 Feet Ring Road, Near Kalawad Road,
Mota Mawa, Rajkot - 360005.

Approved by Govt. of Gujarat, Under Private Universities Act 2009 & Recognized by University Grants Commission, Govt. of India, Under Section 22 of UGC Act, 1956

