

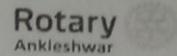
Shroff S.R. Rotary Institute of Chemical Technology



Principal Supporter & Sponsor-UPL Ltd. & Shroff family

Managed by Ankleshwar Rotary Education Society

Approved by AICTE, New Delhi, Govt. of Gujarat & Affiliated to GTU



Date: 15/12/2018

Objective & Policy for English Proficiency Course (EPC)

Aim:

English Proficiency Course at SRICT is aimed at proliferating the linguistic skills and overcoming the stage fear of speaking English.

Objectives:

The main objective of this subject is:

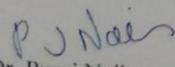
- To develop industry-ready human resources.
- To enable the students to communicate effectively in social settings in English.
- To ensure the students to use English language as a bridge language of international business, technology & research.
- To build up the confidence level of the students to use English in their day-to day life.
- To create an atmosphere in which English is the only medium of communication at SRICT campus.

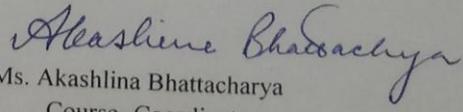
EPC is offered in semesters 2, 3, 4 & 5 as levels 1, 2, 3 & 4 respectively. Students have to follow exam pattern as 30 marks of MSE and 30 marks of RMSE and 40 marks of viva-voce in End semester.

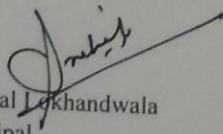
It is compulsory for the students of all branches i.e, CT, EST, CE, and ME & EE to clear exam of EPC to appear / register for T & P criteria.

Levels with Content:

Level 1 (For Sem 2)	Basic English Grammar and Listening skills.
Level 2 (For Sem 3)	English Grammar, Listening Skill, Speaking Skill & Reading Skill.
Level 3 (For Sem 4)	Writing Skill & Reading Skill
Level 4 (For Sem 5)	All 4 Skills of English Language training and Technical Writing.


Dr. Purvi Naik
HOD, MSH


Ms. Akashlina Bhattacharya
Course- Coordinator


Dr. Snehal Lakhandwala
I/c Principal
SRICT

ENGLISH PROFICIENCY COURSE

Prerequisite: Zeal to learn subject

Rationale: The rationale of English Proficiency Course is to help students understand how to write and speak in English which are most productive aspects of communication. Moreover, Levels also cover receptive skills listening and reading along with Grammar (to aid students to improve writing skills and speaking skills) which will help students to acquire competence over linguistic skills. This would be developed through balanced and integrated tasks. This course will foster students to communicate effectively in their professional career.

Level 1 SEM 2

Grammar Topics

Noun
Adjective
Pronoun
Determiners
Verbs
Irregular Verbs
Adverb
Punctuations
Kinds of Sentences
Sentence Formation

Listening Skill

Language Lab Sessions

Grammar Topics

Articles

Preposition

Conjunction

Subject and Predicate

Kinds of Sentences

Clauses and Phrases

Question with How Many & How Much

WH questions

Question tag

Speaking Skill

- Pronunciation(Language Lab)
- Clarity of Speech
- Pauses and flow
- Pitch and voice modulation accordingly
- Greetings and Introductions (to make effective introduction of self)
- Talking about routine
- Wishing techniques
- Non-verbal communication (Kinesics, posture, Proxemics, Chronemics, vocalic, Giving/Taking Opinion, order, instructions, request, order & advice etc.
- Telephone Etiquettes
- Questioning/Answering
- Talking to co workers(asking for/ giving help, complaining, sharing experience)
- paralinguistic etc while talking with superior, peers and subordinate)
- Commonly used phrases (ex. 'It is my proud privilege to introduce you...')
- Talking to Superior, subordinate
- Explanation, Presentation
- Communicate in Interview, meetings etc.

Note: Authentic situations can be used in this part.

Level 3 SEM 4

Grammar Topics

Tenses

Active and Passive Voice

Direct and indirect Speech

Application (leave, Job)

Report (accident, event, inauguration, work progress)

Reading Skill

Reading comprehension through authentic material

Skimming

Scanning

Note: Collaborative activities can be utilized.

Level 4 SEM 5

Grammar Topics

Application (leave, Job)

Report (accident, event, inauguration, work progress)

Letter (cover, Inquiry, apology, resignation, invitation, and acceptance)

Resume

Business Letter (Placing Order, giving/asking for Quotation, complaints, Adjustments, Inquiries)

Notice

Agenda

Minutes

Memo

Writing Skill

- Spellings
- Simple, Compound and Complex Sentences
- Coherence in writing
- Order: Logical Sequence of thoughts
- Variety: Sentence construction, length, etc.



Certificate Course in Professional Skill Development (PSD)

*It is easy to get a job, difficult to get a suitable job, most difficult to sustain in that job.
A candidate is hired for what he knows (Technical skills) & fired for how he behaves
(Professional/ Managerial Skills)*

Objective:

- To develop the Industry-ready human resource
- To strengthen the Industry- Institute Partnership
- To help in generating their own future “Talent Pool”
- To minimize the gap between output produced by the Institute & input required by the Industry.
- To inculcate interpersonal & intrapersonal skill among the students.
- To become a Perceptual Student & allow Difficult People & Challenging Situation to be your Teacher
- To build a bridge between expectation of corporate sector and perception of young generation.

Syllabus

Sr. No.	Topic
1	Demand & Supply- Case Study
2	Entrepreneurship- Ground reality
3	Market Structure- Technical Products
4	Banking Sector
5	Managerial Skills & Function, Application of Maslow’s Hierarchy of Need Theory
6	Marketing aspects for Technocrat
7	Finance for Non-finance Professional
8	Aspects of Production management for Engineers
9	Bird’s view of HRM
10	Corporate Social Responsibility
11	Personality Development
12	Positive attitude build up
13	Perception- How to perceive from the environment
14	Motivation- Self & Others
15	Becoming a Perceptual Student & allowing Difficult People & Challenging Situation to be your Teacher



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16	Team Spirit & Synergic Effect
17	Leadership- Bringing out the best in Others
18	Create your dream Life- Creating Interpretation & Support your Excellence
19	Quotients- Spiritual, Intelligence, Emotional, Physical
20	Business Communication

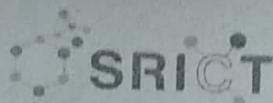
Teaching methodology

- Expert Speakers (Informational /Case Study/ Demonstration)
- Management Games/Simulation
- Brainstorming- GD & Role Play
- Film Show
- Picture Perception Test (PPT)
- Competition

Teaching Aids:

- Chalk & Talk
- PPT
- Video Films/ Documentary
- Business/Technical Model
- e-Sources

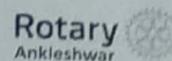
Semester: 6th



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Date: 01/02/2019

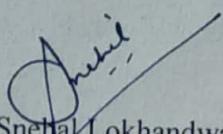
Objective & Policy for Basic of Chemistry Subject

The main objective of this subject is to make students aware about the basics of organic chemistry and the fundamentals of synthetic chemistry which are very useful in the synthesis of various intermediates and compounds as well as also useful in knowing the actual manufacturing process.

Basic of Chemistry subject is offer in 2nd Semester to the students of Chemical Engineering, Chemical Technology & Environmental Science and Technology.

There will be a 30 marks of MSE and 30 Marks of RMSE exam as per the exam section guideline. Exam pattern, question paper format, exam date, exam timing will be displayed by exam section.

It is compulsory for the students of CE, CT & EST to clear BOC subject to appear/registered in T&P.


Dr. Snehal Lokhandwala
Principal
SRICT

Date: 01/02/2019

Basic of Organic Chemistry

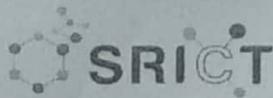
Type of course: Chemical Engineering, Chemical Technology, Environmental Science & Technology

Objective: The main objective of this subject is to make students aware about the basics and fundamentals of synthetic chemistry which is very useful in the synthesis of various intermediates and compounds as well as also useful in knowing various manufacturing processes.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks		Total Marks
L	T	P	C	Theory Marks	Practical Marks	30
1	0	0	0	30	-	

Sr. No	Topics	Teaching Hours	Weightage (%)
1	IUPAC Nomenclature: IUPAC Nomenclature of aliphatic and polyfunctional aliphatic compounds.	2	10
2	Hybridization: Hybridization of alkane, alkene and alkyne.	1	10
3	General Chemistry: Reactive intermediates, electrophile, nucleophile	2	20
4	Organic Reaction & Mechanism: Nitration, sulphonation, halogenation, alkylation, acylation, electrophilic and nucleophilic addition & substitution reactions. Elimination reaction.	6	40
5	Synthesis of Methyl orange, Orange I, Orange II, Nylon, 6, Nylon 6,6, paracetamol, saccharin.	4	20



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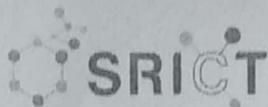
Course Outcome:

After learning the course the students should be able:

1. To define various chemical compounds using IUPAC nomenclature.
2. To construct a bridge between theoretical and practical concept used in industry
3. To apply this knowledge in future subjects of chemical technology, chemical engineering & Environment science and technology
4. To discriminate the relative stability of aromatic compounds and demonstrates their reaction mechanism.
5. To design synthesis of various chemicals in laboratory.
6. To choose reaction conditions favoring one path over another, thereby giving maximum amounts of desired products and minimum amounts of undesired products

Dr. Nikhil Parekh
Assistant Professor,
Department of Maths Science & Humanities
SRICRT

Approved



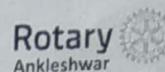
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Dr. Nikhil Parekh
Assistant Professor,
Department of Maths Science & Humanities
SRICRT

Approved



Nikhil Parekh <nikhil.parekh@sriect.in>

Course Coordinator BOC

1 message

Purvi Naik <purvi.naik@sriect.in>

Wed, Apr 24, 2019 at 3:34 PM

To: Nikhil Parekh <nikhil.parekh@sriect.in>, Jigisha Modi <jigisha.modi@sriect.in>

Cc: Dr Snehal Lokhandwala <snehal.lokhandwala@sriect.in>, Dhananjay Chauhan <dhananjay.chauhan@sriect.in>, EXAM-SECTION SRICT <examination@sriect.in>

Dear all,

Dr. Nikhil is the CC for BOC ,Sem 2 & requested to complete all necessary course requirements.

Regards,
PURVI NAIK