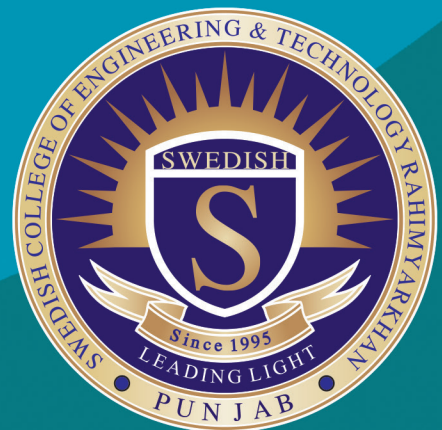


PROSPECTUS



SWEDISH COLLEGE OF ENGINEERING & TECHNOLOGY

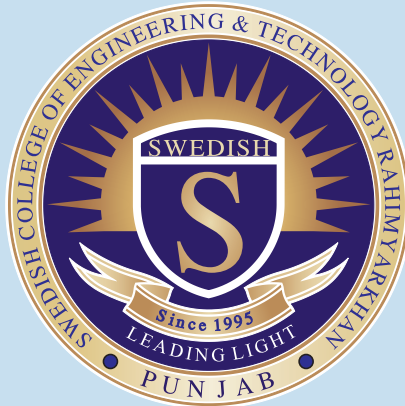
RAHIM YAR KHAN



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

SWEDISH COLLEGE
OF
ENGINEERING & TECHNOLOGY

RAHIM YAR KHAN



PROSPECTUS



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Vision



To become a world-class institution that contributes significantly to the development of national economy by becoming a centre of excellence to generate new knowledge.

Mission



Swedish College of Engineering & Technology Rahim Yar Khan was established with the objective of promoting education in the field of engineering and technology.

We aim to produce qualified engineers and technologists, who would be equipped with the current knowledge about relevant fields, have the professional skills to meet the demand of technical manpower for the growing industry.

1. To offer an educational experience wherein:
 - a. The students are delivered knowledge to fulfill local demand following the international standards.
 - b. The students are groomed to develop their personality.
 - c. The students are provided opportunities through co-curricular and extra-curricular activities to discover their hidden creative potential.
2. To train students in solving local and national problems requiring knowledge-based solutions



Message from Quaid-e-Azam



“You must concentrate on gaining knowledge and education. Education is matter of life and death for our country. When you get the light of knowledge by means of education and when you’ve made yourself strong economically and industrially then you’ve got to prepare yourselves for your defense..... Defense against external aggression and to maintain internal security.

I insist you to work, work and only work with patience and humbleness to serve the nation”

(Presidential address at the conference of the Punjab Muslim Student Federation March 2, 1941)



Message from the Chairman



Al-Asar Gujranwala Education Society has been providing quality technical education to the students in the province of the Punjab since 1995. After achieving land mark success in operation of twelve technical institutes for eighteen years, the society established the first engineering college in Rahim Yar Khan in year 2009 with a view to serve the people of Southern Punjab and adjoining areas of Sindh.

The field of engineering and technology has completely revolutionized the industrial, agricultural and other fields of daily life. We as a developing nation should accept the challenges of new era and respond positively to the technical changes, which are occurring in the modern world. We are committed to provide quality engineering education to our students keeping in view the global technological demands. Swedish College of Engineering and Technology with a strong linkage with industry is a blessing for the students of southern Punjab and adjoining areas who have the aim to

become engineers and serve the industry and our beloved country Pakistan.

In order to create conducive, pleasant and learning based environment, the college is supported with state of the art building, laboratories, library and sports facilities. We have acquired qualified, dedicated and experienced full time faculty to impart education to ornament the students not only with the professional and technical knowledge but also to cater the confidence in them to be successful in life as qualified engineers.

The current prospectus provides necessary information to prospective candidates seeking admission in B.Sc engineering programs offered by Swedish College of Engineering and Technology, Rahim Yar Khan.

We deliver professional and technical knowledge to our students to produce confident, successful and qualified engineers to serve humanity.

I welcome all the prospective students at The Swedish College of Engineering and Technology (leading light), Rahim Yar Khan and assure that they will enjoy an excellent educational environment in this college.

Tufail ullah Butt
Chairman

Message from the Principal



Swedish College of Engineering and Technology under the management of “Leading Light” group aims to become internationally renowned institution, which promotes education, innovation, and research in the field of Engineering & Technology. Being the only engineering college in the industrial hub of Rahim Yar Khan, SCET is providing exciting higher education engineering degree courses, research, consultancy and collaborating in development work of the industry and communities within Pakistan and beyond.

SCET is built on a lush green area of 90 Kanals in the city of Rahim Yar Khan at Shahbazpur Road. The labs are well equipped and continuously updated to meet the changing requirement in the syllabus and also for research work. Outstation students are accommodated in the hostels. Two separate hostels of excellent standards are also available to the boys and girls. Sports facilities of a high order and Wi-Fi are also available in the campus. SCET has a large number of students from all over Punjab, Sindh and adjoining areas. SCET houses a spacious library of more than 9500 books.

A team of dedicated and experienced faculty members is working hard to shape and develop the students’ skills in a safe and harmonious environment. They are committed to do their best to help students grow academically, socially and emotionally. Students will always find easy accessibility to our faculty guidance and support in a student friendly environment. Our friendly and co-operative administrative staff is the backbone of this College who always endeavor to provide continuous support to the students. Our main objective is to model this establishment as a Centre of Excellence for the students wishing to study Engineering and Technology courses. Academic discipline, innovative practices in the laboratory and workshop learning, project based subject learning, mock examinations, tutorials, activities for life skills, Industrial-Institute relationship programs, training for facing interviews, personality development programs and to actively participate in the various technical festivals, seminars and conferences are the prominent features of SCET.

I would like to extend my gratitude and am delighted that you are exploring what SCET has to offer to its prospective students. I welcome students, academia, researchers and industrial partners to come forward and join hands with us in promoting world class engineering education, training, and research and explore the opportunities of collaboration with this first engineering college in private sector in southern region of Punjab.

Dr. Muhammad Rizwan Malik

Principal / HOD MED

PhD

Huazhong University of Science and
Technology, Wuhan, P.R. China

About the City

Nawab Sir Sadiq Muhammad Khan Abbasi, the former Abbasia ruler of Bahawalpur, founded the city of Rahim Yar Khan. The city has an ancient history as old as 5000 years. The remains of Pattan Manara, 7 km away from present location of the city has resemblance of Moenjo Darro civilization. Historical famous Bhong Mosque, which is a masterpiece of architectural beauty and splendor, is located in the district of Rahim Yar Khan. It is the third largest city, after Multan and Bahawalpur, in Southern Punjab. The District of Rahim Yar Khan borders with Sindh and Balochistan which makes it convenient and easily accessible place for study for the students of these areas besides local population.



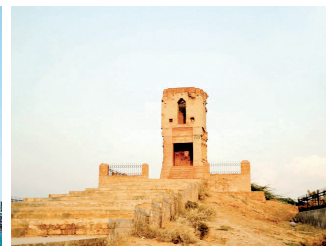
The district of Rahim Yar Khan is the industrial hub of southern Punjab with highest number of flourmills, sugar mills, cotton mills and textile mills. Besides its agro-based industry, it is hometown of multinational Unilever Pakistan Limited and Coca Cola beverages limited. County's largest fertilizer industry namely FFC, Fatima Fertilizer Company and Haleeb Foods Limited is located in district Rahim Yar Khan.

The city of Rahim Yar Khan has numerous educational institutes such as Campus of Islamia University Bahawalpur, Sheikh Zayed Medical College, the Beacon house School systems, Punjab College, the Educators, the Knowledge School and the Swedish College of Technology the famous chain of technical colleges throughout Pakistan.



The city has best health facilities such as; Sheikh Zayed Medical Complex built by the ruler of Abu Dhabi and newly constructed sports complex.

The city is conveniently connected by rail, road and air with other cities of Pakistan. Besides its industrial setup, the district is blessed with very fertile agricultural lands and is the main producer of Mango, Kino, Cotton and Sugar Cane.





About the College



The Swedish College of Engineering and Technology, Rahim Yar Khan is the first engineering college established in private sector of the southern region of Punjab. The college is established by Al-Asar Gujranwala Education Society, Which is a registered trust, formed for the promotion of technical education in the country. This trust is running 12 technical colleges in Punjab from last 19 years, thus catering the need of technical manpower for the growing industry in the country. After gaining 15 years experience in various fields of engineering and technology, the Al- Asar trust established in year 2009 the first engineering college named as Swedish College of Engineering and Technology in Rahim Yar Khan with a view to serve the local population of Southern Punjab and adjoining areas of Sindh.

As there is no other engineering institute in the vicinity, the establishment of Swedish College of Engineering and Technology at Rahim Yar Khan is a blessing for people in general and aspiring young engineering candidates in particular and provide them an opportunity to seek education in their chosen field.

Presently, the college is offering undergraduate programs leading to the degree of BSc Engineering in the fields of Electrical (Power, Electronics), Mechanical and Civil.

The BSc Engineering in Mechanical and Civil is affiliated with UET, Lahore, whereas BSc Engineering in Electrical (Power and Electronics) is affiliated with The Islamia University of Bahawalpur.

Why Choose Us

We keep it Simple

We're innovative and forward thinking, down-to earth and friendly, and we'll give you an amazing education with outstanding facilities and interactive teaching learning environment. We would like you to join our college. Our special designed training programs will introduce you to the latest thinking in your chosen field. Our problem based approach to learning will inspire you to think critically and creatively, cultivating your independence and making you more attractive to employers.

We Trust Our Students

We like to appreciate student's creativity and innovation and turn their ideas into reality. That is why special focus is paid to research and development activities at college, The College houses a dedicated R&D cell where students can work on their ideas and improve their research skills.



We believe in Quality

We are ambitious, and we are motivated. The management and faculty focuses on quality teaching learning process and co-curricular activities. All semester events are planned very carefully with at bringing out the best out of our students.

Job Prospects

Being at the center of the industrial hub Rahim Yar Khan, the college Career Development Placement Cell is playing vital role, in getting students jobs and internships. This

year a large number of students were placed at different internship and career positions through CDPC.

We know how to keep it interesting

The college not only aims at high standards of education but also tries it best to impart students with other required skills, that will help them in their future life. For this purpose every year student's affair office along with other college departments, organizes different events ranging from workshops to job fairs and other creative activities.





The Campus



Packed with excellent facilities, our friendly campus offers everything you need to get the most from your studies and your leisure time. The college campus is located on the heart of Rahim Yar Khan City on Shahbaz Pur Road, 5km away from the city center, with frequent public transport operating in the area, which provides easy access to the campus.

Presently, the main building has a number of spacious ventilated and air-conditioned class rooms and laboratories equipped with sufficient number of workstations and offices for staff.

The college buildings are purpose built state of the art buildings with eye capturing appearance and have a touch of beauty and grandeur. The campus is spread over an area of 10 acres of land with beautiful lawns and garden with exotic imported ornamented trees and flowers.



Campus Facilities

Campus Facilities

Swedish college of engineering and technology is very rich in its resources, commitments and dedication to the cause of Engineering Education and rightly claims to possess the most impressive campus to provide best facilities to the student.

Internet

Students and Staff of Swedish College of Engineering and Technology have free access to on-campus Internet facilities. Our Internet equipped Labs are an ideal place to finish assignments, carry out research and get online access to help with your studies. The Labs cater advance PC and feature the latest software.

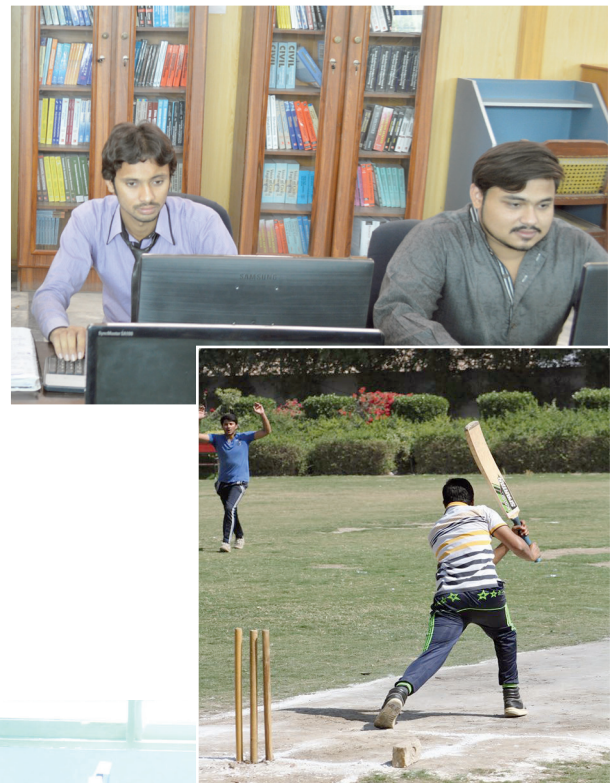
Visitors, students and staff have access to wireless networks on campus. To provide fast and reliable Internet, the college is providing and maintaining 20Mbps dedicated speed to its students and staff

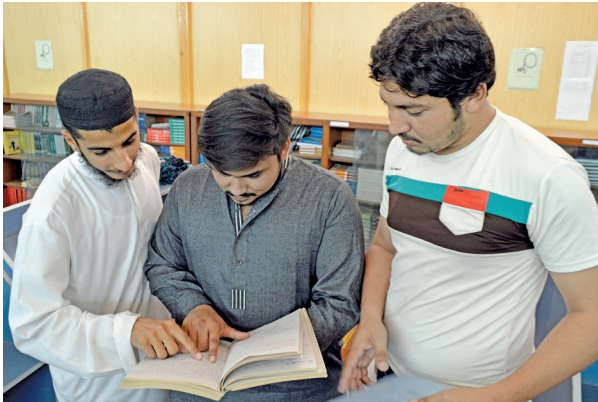
Playground

The college campus has huge playgrounds to facilitate students for different sports facilities. Every semester the sports department arranges different events in order to promote students sports abilities

HEC Digital Library / College Library

The campus has a well-maintained library comprising general and reference sections. Library plays very important role for the students who are thirsty for more knowledge and material, and want to explore more information related to required topics. A separate seating arrangement for male and female students is available. General section of the library can be used for self-study purposes. Other than library a study room is also available to students, where they can study in groups





The library houses a collection of 4000 titles and number of magazines and journals on Engineering and Technology College also has the access to HEC digital library. The College library provides following facilities.

1. Fully Air-Conditioned library
2. Book Bank
3. Study room
4. Photocopier.
5. Printer.
6. Scanner.
7. Newspapers

Cafe

A small café is available for the students and the staff from where they can enjoy healthy and delicious snacks.

Transport

Transportation facility is available in the college. The college provides the need of students for pick and drop as per their requirement.



Computer Labs

Swedish college of Engineering (leading light) has computer labs having Core 2 duo computer systems having latest



software. The primary goals of the computer labs is to provide assistance to students that will enhance their chances of succeeding in technology-based classroom assignments and to provide access to equipment that will support the needs of instruction where we celebrate life-long learning.

The college also has network Maintenance Services office that offers following facility

- Network and system support services
- Hardware repairing, software installation and maintenance services

Modern Class Room

Our classrooms are equipped with all latest tools for teaching including computers, multimedia and other audio and visual aids. Air conditions are also installed in all classrooms.



Stationary Shop

A small bookshop is also available for the students from where they can purchase all basic stationary items. Facility of photo state and printer is also available to the students at the bookshop.

Security System

The college has a foolproof security system. To provide a secure environment to students and staff, trained and professional security guards are deployed in campus that doesn't allow any stranger in the campus without proper identification. The guards also keep a strict eye on campus surroundings.

Electricity Backup

The campus has huge generator so that the students may not go through the agony of electricity load shedding. This facility enables the students to study with full concentration in comfortable environment.

Student Counseling

Student counseling is also available for students who wish to gain some advice regarding academic problems. Proper complaint system has been implemented for students to convey their academic and non-academic complaints to the management.



Student Life



Student life at SCET is a wonderful experience for students. The college life is full of educational activities and other facilities, which help students to provide a better learning atmosphere.

The student life at college is also influenced by strong traditional culture of college, which includes different annual meeting and dinners.

Hostel

Student accommodation is available for both female and male students as well as for teaching faculty.

Moreover Internet facility is also available in all hostels. The hostel provide following facilities to the students

- Secure Environment
- Internet
- Mess
- Attached Bathrooms
- Generators
- Clean and ventilated rooms



Annual Dinner and Functions

Welcome Dinners

Every year the senior students organize a welcome party for the upcoming new juniors. The Engineering Dramatic Society works day and night to make this event a success. The aim of the function is to welcome new students and help them to mix with senior students and Faculty.

Sports

Sports and games are particularly important for the youth. They help in their physical and mental growth. They contribute in the formation of character of the students. Every semester sports competitions are held at Swedish College of Engineering & Technology.

The students who perform well in these competitions are promoted to participate in IUB inter-collegiate and inter university competitions furthermore, they can also play at national and international level.

Sports Facilities

Swedish college of engineering and technology has a range of sports facilities available to the students including a

Student Life



general KING GROUND for Cricket, Football and Volleyball. We have a marble court for Basketball and badminton. Table tennis facility for students and staff is also available.

We are also planning for Executive Lawn Tennis Club, which will be having all the facilities, required.

SCET Traditions

In sports field, Swedish College of Engineering & Technology has its own history regarding to its traditional semester based sports events. These are SPL (Swedish Premier League cricket tournament), Sports Week and Swedish Marathon Race.

The main purpose of these events is to provide students a healthy and competitive environment. Cash prizes, T- Shirts and Certificates are also given to prominent players.



Sports linkage with other universities

We are in coordination with other universities. We have a schedule for organized fixtures with them, like The Islamia University Bahawalpur and other institutes.



Student Affairs Office

The Student Affairs Office at Swedish College of Engineering Technology offers many ways for students to get involved in life outside the classroom, such as becoming a leader/president of different societies, joining a student society or starting up a new one and organizing and facilitating events on campus. The common thread that runs throughout the Student Affairs office and its members is a commitment to enable all students to participate in an engaging, healthy, and active learning environment during stay at college. College not only guides students along the way but also encourages learning new.

Research & Development Cell

The college offers wide opportunities for students to enhance their research and development (R&D) skills. By doing the activity of R&D in the form of different research projects students can enhance their writing, communication and technical skills. This year our college students published a number of research papers in local Journals.



ASTEC

Annual Student Technology and Engineering Competitions are held every year at SCET. The basic aim of ASTEC is to promote the sense of healthy competition among students and to present their ideas regarding problems and issues the world is facing today. Every year different colleges and institutes participate actively in ASTEC. Students present their projects in form of Models, presentations, posters and even documentaries. A large number of industrial representatives also visit, seminars the competition. The competition helps students to explore their creative side.

Career Development and Placement Cell (CDPC)

Acting as a bridge between students and industry CDPC provides internships in different national & multinational organizations. CDPC also looks after the job fairs, industrial visits, seminars and workshops. CDPC has a very close collaboration with CCBPL, FFC ENGRO and Unilever.

- All the students must follow the college rules regulation.



Student Affairs Office



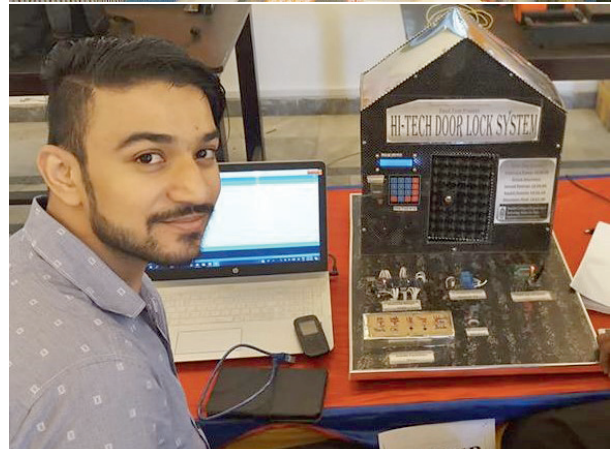
Internship Opportunities for Students

We provide internship opportunities to our student in various local and national industries.

Industry in Rahim Yar Khan

The following industries have their existence in Rahim Yar Khan;

1. Navina Textile, Private Limited
2. Quality Concrete Private Limited
3. Hafiz Brothers, Private Limited
4. Lever Brothers, Pakistan Limited
5. RYK Sugar Mills
6. Indus Textile Industry
7. Eithad Sugar Mill, Private Limited
8. Naqi Beverages private Limited
9. RCC pole Plant, Private Limited
10. Ahmad Oil and Ghee Industries Limited
11. Ahmad Fine Textile, Private Limited
12. K & S Textile Mill Limited
13. Ahmed Flour Mills
14. Gillani Flour Mills Private Limited
15. Data Steel Pipe Industries Private Limited
16. Haleeb Foods Limited
17. Fauji Fertilizer Company Limited
18. ENGRO Fertilizer Private Limited
19. Fatima Fertilizer Company Limited





Fee Structure

Admission Fee	27,000
College Enrollment Fee	17,000
Security Deposit [Refundable] (after four years)	5,000
Student Card	1,000
(For All Departments) Sub Total – A* 50,000	
Semester Fee (Civil / Electrical & Mechanical)	45,000
Semester Enrollment Fee	5,000 / 4,000
Tuition Fee	20,000
Library Fee	3,500 / 2,500
Welfare Fund	4,000
Development Charges	5,500
Lab Charges	42,000 / 21,500
(For Electrical & Mechanical) 102,500 (For Civil) 125,000	
*To be paid once throughout the course	
** To be paid for each semester	
** Examination fee 6000	
TOTAL [A & B] (For Electrical & Mechanical) 152,500 (For Civil) 175,000	

Note: Dues are not Refundable except Security fee .

Note: Next semester fees will be charged before the current semester examination.

Note: Summer Semester fee of Rs 5000/- per Subject theory and Rs. 2500/-per Subject practical will be charged by the student who will appear in summer semester/ supplementary examination.

Note: 5% fees must be increased on current fee annually.

Note: Semester examination fee will be charged according to IUB & UET policy.

Note: University registration fee will be charged Separately according to UET & IUB Policy.

Note: For the industrial tour college will pay 40 % of transport charges 60 % will be charged from the students.

Note: University registration fee will be charged Separately according to UET & IUB Policy.

Note: Fee of Survey Camp of Civil Department will be charged separately.

Important Note:

- 2% Admission seats will be reserved in every technology for the members of Al-Asar Gujranwala Technical Education Society.
- Admission will be on merit bases.
- Admissions are not challengeable in any court of law, forum or authority.

Note:

* The courses, rules & regulations may be changed in light of direction of UET & PEC.

Admissions



How To Apply:

The application kit containing Application Form, Prospectus and the necessary information can be obtained in person from Admission office or by mail at the following address.

The Admission Office:

Swedish College of Engineering & Technology, Shahbazpur Road Rahim Yar Khan.

Tel: 068-5873054-55

Fax: 068-5873056

Email: admissions@swedishryk.edu.pk

Website: www.swedishryk.edu.pk

The online Application kit can also be obtained by downloading the package from website.

The fee for admission kit is Rs. 1000/-.

Application fee can be paid in cash or through a bank draft/ Pay order in the name of Swedish College of Engineering and Technology, drawn on a bank having a branch in Rahim Yar Khan.

The completed Application Form together with the required supporting documents should reach the admission office on or before the closing date announced by the college.

Eligibility

A candidate is eligible to submit his/her application for admission if he/she satisfies the following condition

1. That he/she has earned at least 60% marks in F. Sc or equivalent examination.
2. That he/she has earned a minimum aggregate of 50% marks calculated by giving 70% weight to percentage marks earned in F.Sc or equivalent examination and 30% weightage to percentage marks earned in the UET Entry Test.

Selection for admission

Merit list of the candidates will be prepared by calculating the overall merit, based on the marks obtained in FSC and Pre-Admission Test and multiplying them with the respective weightage and adding the result up to calculate aggregate merit marks.

Percentage of Marks in: Multiplying Weightage	
FSC / DAE adjusted marks	0.7
Pre Admission Test	0.3

For example if a candidate has secured 70% adjusted marks in FSC /DAE and 50% marks in Pre Admission test: his/her aggregate merit marks would be;

$$\text{Aggregate merit marks} = 70 * 0.7 + 50 * 0.3 = 64\%$$

Admission will be based on first come first serve.



Program Learning Outcomes (PLOs) For All Departments

Program learning outcomes (PLOs) are the narrow statements that describe what students are expected to know and be able to do by the time of graduation. The program must demonstrate that by the time of graduation the students have attained the following graduate attributes (GAs):

- 1. Engineering Knowledge:** Graduates of the program will be able to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex Mechanical Engineering problems.
- 2. Problem Analysis:** Graduates of the program will be skilled in identifying, formulating, researching literature, and analyzing complex Mechanical Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- 3. Design/Development of Solutions:** Graduates of the program will be capable of designing solutions for complex Mechanical Engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- 4. Investigation:** Graduates of the program will be prepared to investigate complex Mechanical Engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.
- 5. Modern Tool Usage:** Graduates of the program will be capable of creating, selecting and applying appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex Mechanical Engineering activities, with an understanding of the limitations.
- 6. The Engineer and Society:** Graduates of the program will be proficient in applying reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional Mechanical Engineering practice and solution to complex Mechanical Engineering problems.
- 7. Environment and Sustainability:** Graduates of the program will be capable of understanding the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- 8. Ethics:** Graduates of the program will be prepared to apply ethical principles and commit to professional ethics and responsibilities and norms of Mechanical engineering practice.
- 9. Individual and Team Work:** Graduates of the program will be able to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.
- 10. Communication:** Graduates of the program will be capable of communicating effectively, orally as well as in writing, on complex Mechanical engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project Management:** Graduates of the program will be able to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.
- 12. Lifelong Learning:** Graduates of the program will be capable of recognizing importance of, and pursuing lifelong learning in the broader context of innovation and technological developments.

Department of Electrical Engineering

Program Vision

To built identity of excellence in Electrical Engineering domain at intersection of academia and industry.

Program Mission

- a. To produce Electrical Engineering graduates equipped with state-of-the-art knowledge.
- b. Students are introduced to national needs and problems related to Electrical Engineering with a view to prepare them as future problems solvers.
- c. The students are taught ethics, management, and economics to train them as professional Electrical Engineers and decision makers.
- d. To train the students to solve Complex Engineering Problem and Perform open ended Labs which shall prepare them to solve real-life problems.

Program Education Objectives (PEOs)

The Program Educational Objectives (PEOs) of Electrical Engineering Department are defined to meet the college Vision, Mission. The PEOs are the following:

PEO-1: Market-oriented, conversant and technically sound electrical engineers.

PEO-2: Innovative electrical engineer committed to working on entrepreneurial ideas with strong communication skills.

PEO-3: Ethically and environmentally contributing positively to the engineering community & society.

PEO-4: Capable of working as an effective team leader as well as a member with strong project management skills and inclination towards lifelong learning.





Department of Electrical Engineering

Department of Electrical Engineering was established in 2009 with the approval of The Islamia University of Bahawalpur Pakistan (IUB) and Pakistan Engineering Council (PEC). First batch 2009-13 of B. Sc. Electrical Engineering (Power, Electronics) passed out in 2013 with PEC accreditation.

Electrical Engineering program prepares students for the continually changing technology of Electrical Engineering by providing an immense theoretical knowledge and practical skills. Well-qualified and competent faculty members are available in the department.



Teaching Faculty

1	Engr. Dr. Javed Ahmed	Head of Department
2	Engr. Dr. Aftab Rao	Assistant Professor
3	Engr. Dr. Muhammad Ahmad	Assistant Professor
4	Engr. Asif Munir	Assistant Professor
5	Engr. Muhammad Yaseen	Assistant Professor
6	Engr. Anis Maqbool	Lecturer
7	Engr. Rauf Ahmed	Lecturer
8	Engr. Waqas Ahmad	Lecturer
9	Engr. M. Usama Qureshi	Lecturer
10	Engr. Muhammad Samiullah	Lecturer

BS&H Faculty

1 Anas Rasheed

Lecturer
M.Phil Islamiyat IUB, Bahawalpur

2 Hamza Farooque

Lecturer

M.Phil Math
KFUEIT RYK

3 Muhammad Sumair Arslan

Lecturer
M.Phil English IUB, Bahawalpur

4 Muhammad Naveed

Lecturer
BS IT
University of Education Multan

B.Sc Electrical Engineering (Electronics)

Department of Electrical Engineering for the degree of BSc Electrical Engineering (Electronics) follows the curriculum of Electronics Engineering department of The Islamia University of Bahawalpur.



Curriculum

B.Sc. Electrical Engineering (Electronics) 2019-23

Semester-I

Course Code	Course Name	Cr. Hr
GS-171	Calculus & Analytical Geometry	3+0
EE-111	Circuit Analysis-I	3+1
CS-141	Introduction to Computing	2+1
HS-163	Functional English	3+0
HS-162	Pakistan Studies	2+0
CS-143	Computer Aided Engineering Design	0+1
Total		16

Semester-II

Course Code	Course Name	Cr. Hr
GS-172	Linear Algebra	3+0
EE-113	Circuit Analysis-II	3+1
CS-142	Computer Programming	2+1
EE-211	Electronic Devices and Circuits	3+1
HS-161	Islamic Studies	2+0
Total		16

Semester-III

Course Code	Course Name	Cr. Hr
GS-271	Differential Equations	3+0
EE-214	Electrical Machines	3+1
ES-221	Electronic Circuit Design	3+1
HS-164	Communication Skills	2+0
ES-212	Digital Logic Design	3+1
Total		17

Semester-IV

Course Code	Course Name	Cr. Hr
GS-272	Complex Variables and Transforms	3+0
EE-222	Integrated Electronics	3+1
MS-381	Engineering Economics & Management	3+0
EE-215	Electromagnetic Field Theory	3+0
GS-273	Probability and Random Variables	3+0
HS-261	Technical Report Writing	3+0
Total		19



Semester-V

Course Code	Course Name	Cr. Hr
GS-371	Numerical Method	3+0
ES-311	Signal & System	3+1
ES-321	Power Electronics	3+1
ES-322	Microwave Engineering	3+1
CS-342	Microprocessors Based Systems	3+1
Total		19

Semester-VI

Course Code	Course Name	Cr. Hr
HS-361	Professional & Social Ethics	2+0
EE-312	Linear Control System	3+1
CS-343	Computer Communication Network	3+1
EE-313	Digital Signal Processing	3+1
ES-323	Communication System	3+1
Total		18

Semester-VII

Course Code	Course Name	Cr. Hr
ES-421	VLSI System Design	3+1
ES-422	Industrial Electronics	3+1
TE-332	Wave Propagation and Antennas	3+1
ES-423	Microcontroller Based System Design	2+1
ES-499A	Project-I	0+3
Total		18

Semester-VIII

Course Code	Course Name	Cr. Hr
MS-481	Entrepreneurship and Leadership	2+0
ES-426	Robotics	2+1
ES-424	FPGA-Based System Design	2+1
MS-425	Opto-electronic	3+1
EE-499B	Project-II	0+3
Total		15

**The curriculum and course order might change as per the notification of IUB without any notice*

B.Sc Electrical Engineering (Power)

Department of Electrical Engineering for the degree of BSc Electrical Engineering (Power) follows the curriculum of Electrical Engineering department of The Islamia University of Bahawalpur.

Curriculum

B.Sc Electrical Engineering (Power) 2019-23

Semester-I

Course Code	Course Name	Cr. Hr
ISLA-100	Islamic Studies	2+0
COMP-1101	Programming Fundamentals	2+1
ELEN-1102	Linear Circuit Analysis	3+1
ENGL-103	Functional English	3+0
ELEN-1104	Engineering Drawing	0+1
MATH-105	Calculus and Analytical Geometry	3+0
Total		16

Semester-II

Course Code	Course Name	Cr. Hr
PAKS-206	Pakistan Studies	2+0
ELEN-1207	Electrical Network Analysis	3+1
COMP-1208	Object Oriented Programming	3+1
MATH-209	Differential Equations	3+0
ENGL-210	Communication Skills	3+0
MECH-1211	Engineering Mechanics	3+0
Total		19

Semester-III

Course Code	Course Name	Cr. Hr
ELEN-1312	Electrical Machines-I	3+1
MECH-1313	Applied Thermodynamics	3+0
ELEC-1314	Electronic Devices and Circuits	3+1
MATH-315	Linear Algebra	3+0
ELEN-1316	Digital Logic Design	3+1
ELEN-1317	Engineering Workshop	0+1
Total		19

**It has been revised but not yet approved by the academic council.*



Semester-IV

Course Code	Course Name	Cr. Hr
ELEN-1418	Electrical Machines-II	3+1
ELEC-1419	Instrumentation and Measurements	3+1
ELEN-1420	Probability Methods in Engineering	3+0
ELEN-1421	Electromagnetic Field Theory	3+0
MATH-422	Complex Variable and Transforms	3+0
Total		17

Semester-V

Course Code	Course Name	Cr. Hr
MATH-523	Numerical Methods	2+1
ELEN-1524	Power Generation and Transmission	3+0
ELEN-1525	Linear Control Systems	3+1
ELEN-1526	Signal and Systems	3+1
ENGL-527	Technical & Business Writing	3+0
Total		17

Semester-VI

Course Code	Course Name	Cr. Hr
ELEN-1628	Power Distribution & Utilization	3+1
MGMT-629	Power Economics & Management	3+0
ELEN-036xx	Depth Elective-I	3+1/0
COMM-1630	Communication Systems	3+1
ELEN-1631	Microprocessor Based Systems	3+1
Total		19/18

Semester-VII

Course Code	Course Name	Cr. Hr
ELEN-37xx	Depth Elective-II	3+1
ELEN-37xx	Depth Elective-III	3+1
SOCI-37xx	Social Science Elective-I	2+0
MGMT-732	Entrepreneurship and Leadership	3+0
ELEN-1733	Senior Project Design-I	0+2
Total		15

Semester-VIII

Course Code	Course Name	Cr. Hr
ELEN-38xx	Depth Elective-IV	3+1
ELEN-38xx	Depth Elective-V	3+1
SOCI-38xx	Social Science Elective-II	3+0
ELEN-1834	Senior Project Design-II	0+4
Total		15

**The curriculum and course order might change as per the notification of IUB without any notice*

List of Depth Electives

Semester	Courses	Credit Hours
6th	1. ELEN-03650 Digital Signal Processing	3+1
	2. ELEN-03651 Power System Analysis	3+0
	3. ELEN-03652 Digital Control Systems	3+1
	4. ELEN-03653 Renewable Energy Systems	3+0
7th	1. ELEN-03753 High Voltage Engineering	3+1
	2. ELEN-03754 Power Electronics	3+1
	3. ELEN-03755 Integrated Electronics	3+1
8th	1. ELEN-03856 Power System Protection	3+1
	2. ELEN-03857 Power System Operation & Control	3+1
	3. ELEN-03858 Advanced Electrical Machine Design	3+1

List of Social Sciences Electives

Semester	Courses	Credit Hours
7th	1. SOCI-03740 Sociology and Development	2+0
	2. SOCI-03741 Social Anthropology	2+0
	3. SOCI-03742 Understanding Psychology and Human Behavior	2+0
	4. SOCI-03743 Introduction to Philosophy	2+0
8th	1. SOCI-03844 Professional Psychology	3+0
	2. SOCI-03845 Organizational Behavior	3+0
	3. SOCI-03846 Introduction to Sociology	3+0
	4. SOCI-03847 Critical Thinking	3+0





S. No.	Laboratory	Associated Laboratories	Status
1	Electronics lab	<ol style="list-style-type: none"> 1. Circuit Analysis I 2. Electronics Devices & Circuits 3. Integrated Electronics 4. Electronics Circuit Design 	Functioning
2	Advanced Electronics Lab	<ol style="list-style-type: none"> 1. Microwave Engineering 2. Control System 3. Microprocessors Based System 4. Wave propagation & antenna 5. FPGA based system 6. Robotics 7. DSP 8. Industrial Electronics (PLC) 	Functioning
3	Computer lab-I	<ol style="list-style-type: none"> 1. Introduction to Computing 2. Computer Programming 3. Circuit Analysis II 4. Computer Aided Engineering Design 5. Signals and Systems 6. Computer Communication Networks 7. Control Systems 	Functioning
4	Industrial Electronics and Communication Lab	<ol style="list-style-type: none"> 1. Industrial Electronics 2. Power Electronics 3. Communication Systems 4. Analog and Digital Communication systems 5. Opto – Electronics 	Functioning
5	Digital Logic Design/ Instrumentation & Measurement lab	<ol style="list-style-type: none"> 1. Instruments and Measurements 2. Digital Logic Design 	Functioning
6	Civil Lab	<ol style="list-style-type: none"> 1. Basic Civil Engineering 	Functioning
7	Electrical Power Lab	<ol style="list-style-type: none"> 1. Power Distribution and Utilization 2. Power System Analysis 3. Power Generation 4. Power System Operation and Control 5. Power System Protection 6. Power Transmission 	Functioning
8	Electrical Machine Lab	<ol style="list-style-type: none"> 1. Electrical Machine 2. AC Machine 3. DC Machine 4. Advance Machine 5. Machine Design & Equip Training 	Functioning
9	Drawing Hall	<ol style="list-style-type: none"> 1. Engineering Drawing 	Functioning
10	Project Lab	<ol style="list-style-type: none"> 1. Project I 2. Project II 	Functioning

Department of Mechanical Engineering





Department of Mechanical Engineering

Program Vision

To become leader of mechanical engineering in the region of south Punjab and adjoining areas of Sind, Baluchistan and KPK through high quality of education and research following standards of the University of Engineering and Technology Lahore producing creative and entrepreneurial graduates meeting industrial demands and needs of society of this region.

Program Mission

To produce engineers with broad & in-depth knowledge, creativity, who are capable of solving mechanical engineering problems, following professional ethics.

Program Education Outcomes (PEOs)

At the completion of four years B.Sc. Mechanical Engineering Degree Program, graduates will be able to:

1. Apply the knowledge to solve analytical and practical engineering problems.
2. Work for continuous socio-technical development of the society.
3. Exhibit strong communication and managerial skills, as team leaders as well as team members.



Teaching Faculty

1	Engr. Prof. Dr. M. Rizwan Malik	Principal/ HOD
2	Engr. Prof. Dr. Abdul Shakoor Khan	Professor
3	Engr. M. Amir Shahzad	Lecturer
4	Engr. Muhammad Imran	Lecturer
5	Engr. Rozeena Aslam	Lecturer
6	Engr. Mushtaq Ahmed Khokher	Lecturer
7	Engr. Muhammad Sarfraz Ali	Lecturer
8	Engr. Muhammad Ali	Lecturer
9	Engr. Muhammad Zakriya Ameen	Lecturer
10	Engr. Jam Muhammad Mohsin	Lecturer
11	Engr Hamza Akhtar	Lab Engr
12	Engr Ali Manzoor	Lab Engr

BS & H Faculty

- Anas Rasheed**
 Lecturer
 M.Phil. Islamiat
 IUB, Bahawalpur
- Hamza Farooque**
 Lecturer
 M.Phil. Mathemati
 KFUEIT RYK
- Muhammad Sumair Arslan**
 Lecturer
 M.Phil. English
 IUB, Bahawalpur
- Muhammad Naveed**
 Lecturer
 BS IT
 University of Education, Multan



Curriculum

Department of Mechanical Engineering for the bachelor's degree program in mechanical engineering follows the curriculum of department of Mechanical engineering of University of Engineering & Technology Lahore.

Semester-1

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
HU 111 & HU111L	Communication Skills	1	1	None
MA 113	Calculus and Analytic Geometry	3	0	None
PHY 119	Engineering Physics	2	0	None
CS 101 & CS101L	Computing Fundamentals for Engineers	1	1	None
ME 111 & ME111L	Thermodynamics-I	3	1	None
ME 121 & 121L	Engineering Graphics and Drawing	1	1	None
ME 131	Materials and Manufacturing-I	3	0	None
Total:		14	4	

Semester-2

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
IS 101	Islamic and Pak Studies-I	3	0	None
ME 122 & ME 122L	Engineering Mechanics	3	1	None
CE 101 & CS101L	Computer Programming for Transforms	1	1	None
HU 121 & HU 121L	Electrical Engineering and Electronics	1	1	None
MA 225	Differential Equations and Transforms	3	0	None
EE 101	Electrical Engineering and Electronics	2	0	None
ME 100L	Workshop Practice	0	1	None
QT 101	Translation of Holy Quran-I	1	0	None
Total:		14	4	

Semester-3

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
IS 201	Islamic and Pakistan Studies-II	3	0	
ME 231 & ME 231L	Material and Manufacturing-II	2	1	ME 131
ME 251L	Computer Aided Drawing	0	1	
ME 221 & ME221L	Mechanics of Materials-I	3	1	ME 122
ME 211 & ME211L	Fluid Mechanics-I	3	1	
QT 201	Translation of Holy Quran-II	1	0	
HU 100	Languages	0	0	
Total:		12	4	

Semester-4

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
MGT 410	Engineering Project Management	2	0	
ME 212 & ME212L	Thermodynamics-II	3	1	ME 111
ME 213 & ME213L	Fluid Mechanics-II	3	1	ME 211
ME 222 & ME222L	Mechanics of Materials-II	2	1	ME 221
MA 241	Applied Engineering Statistics	2	0	
MGT 413 & MGT 413L	Engineering Entrepreneurship	1	1	
Total:		13	4	

Semester-5

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
ME 321 & ME321L	Mechanics of Machines	3	1	ME 122
ME 311 & ME311L	Heat and Mass Transfer	3	1	ME 213
ME 341	Instrumentation and Control	2	0	
ME 322	Machine Design-I	3	0	ME 222
ME 351L	Computer Aided Design-I	0	1	
ME 371	Health Safety & Industrial Environment	2	0	
ME 399L	Semester Design Project	0	1	
QT 301	Translation of Holy Quran-III	1	0	
Total:		14	4	

Semester-6

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
ME 342 & ME 342L	Robotics and Automation	2	1	ME 341
ME 381 & ME 381L	Engineering Data Analytics & AI	2	1	
ME 323	Machine Design II	2	0	ME 222
ME 352L	Computer Aided Design-II	0	1	
ME 332	Metrology and Quality Assurance	2	0	MA 241
ME 361	Energy Resources and Utilization	2	0	ME 311
ME 351 & ME 351L	Computational Engineering-I	2	1	
MGT 316B	Profession Ethics in Engineering Practices	2	0	
Total:		14	4	



Semester-7

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
ME 461 & ME461L	IC Engine	2	1	ME 212
MGT 160	Engineering Economics	2	0	
ME451 & ME 451L	Computational Engineering-II	2	1	ME 351
ME 462	Energy Conservation and Management	2	0	ME 361
ME 496L	FYDP-I	0	3	
ME 4--	Elective-I	2	0	
QT 401	Translation of Holy Quran-IV	1	0	
ME 471	Production and Operations Management	2	0	
	Total:	13	5	

Semester-8

Course No.	Title	Credit Hours		Pre-Requisite
		Theory	Practical	
ME 463	Power Plants Engineering	2	0	ME 212
ME 464L	Energy & Power Systems	0	1	
ME 411 & ME 411L	Refrigeration and Air Conditioning	2	1	ME 311
ME 421	Mechanical Vibration	2	0	ME 321
MGT 312	Supply Chain Management	2	0	
ME 497L	FDP-II	0	3	ME 496
ME 4--	Elective-II	2	0	
	Total:	10	5	
	Grand Total:	104	34	

S. No.	Laboratories	Status
1	Engineering Mechanics	Functioning
2	Thermodynamics	Functioning
3	Fluid Mechanics	Functioning
4	Mechanics of Materials	Functioning
5	Computer	Functioning
6	Manufacturing Process	Functioning
7	Mechanics of Machines	Functioning
8	Metrology	Functioning
9	Air Conditioning and Refrigeration	Functioning
10	Heat and Mass Transfer	Functioning
11	Mechanical Vibration	Functioning
12	IC Engines	Functioning
13	Power Plant	Functioning
14	Energy Resources and Utilization	Functioning
15	Machine Shop	Functioning
16	Fitting Shop	Functioning
17	Carpentry Shop	Functioning
18	Foundry Shop	Functioning
19	Welding Shop	Functioning
20	Material Testing	Functioning
21	Electrical Shop	Functioning



Department of Civil Engineering

Program Vision

To provide unique educational and learning opportunities for the students that promotes fundamental understanding of our discipline and a strong foundation to adapt to the future change to improve the condition of society of the region.

Program Mission

The department aims to produce engineers who possess broad and in depth civil engineering knowledge, innovative skills and moral values to provide sustainable solutions that contribute to the development of society.

Program Educational Objectives (PEOs)

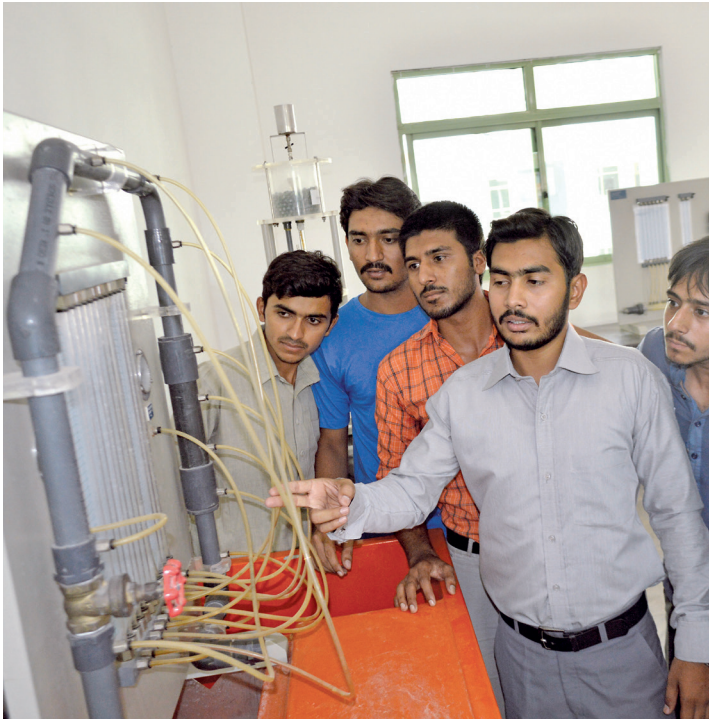
At the completion of four years B.Sc. Civil Engineering Degree Program, graduates will be able to:

PEO-1: Graduates demonstrate their proficiency of applying the knowledge & skills to solve complex civil engineering problems.

PEO-2: Graduates communicate effectively and contribute in the project team.

PEO-3: Graduates uphold principles of ethics and integrity throughout their professional practices.

PEO-4: Graduates engage themselves in continuous professional learning process.



Teaching Faculty

1	Engr. Dr. Shafi Muhammad Kori	Professor (HOD)
2	Engr. Dr. Muhammad Rizwan	Associate Professor
3	Engr. Dr. Shanawar Hamid	Associate Professor
4	Engr. Dr. Afaq Shoaib	Assistant Professor
5	Engr. Noshad Shah	Lecturer
6	Engr. Iqra Hameed	Lecturer
7	Engr. Hassan Amjad	Lecturer
8	Engr. Zahoor Ahmad	Lecturer
9	Engr. Rana Farhan Ali	Lecturer
10	Engr. Faisal Jameel	Lecturer
11	Engr. Tehmina	Lecturer
12	Engr. Abdul Rehman Kori	Lecturer
13	Engr. Amir Ali	Lecturer
14	Engr. Muneeb Ahmed	Lecturer
15	Engr. Irfan Younis	Lecturer
16	Engr. Irfan Ali	Lecturer
17	Engr. Rafiullah	Lecturer
18	Engr. Usama Afzal	Lab Engineer
19	Engr. Muhammad Usama	Lab Engineer



BS&H Faculty

- Anas Rasheed**
 Lecturer
 M.Phil Islamiat
 IUB, Bahawalpur
- Hamza Farooque**
 Lecturer
 M.Phil Mathematics
 KFUEIT RYK
- Muhammad Sumair**
 Lecturer
 M.Phil. English
 IUB, Bahawalpur
- Muhammad Naveed**
 Lecturer
 BS IT
 University of Education Multan



Curriculum

Department of Civil Engineering for the bachelor's degree program in Civil engineering follows the curriculum of department of civil engineering of University of Engineering & Technology Lahore.

Semester-1

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-103	Construction Materials	2	1	2	3	None
CE-105	Civil Engineering Drawing	1	2	1	6	None
Phe-122	Basic Mechanics	2	1	2	3	None
MA-111	Applied Mathematics-I	3	0	3	0	None
EE-198	Basic Electrical Technology	1	1	1	3	None
MinE-170	Basic Engineering Geology	2	0	2	0	None
QT-101	Translation of Holy Quran-I	1	0	1	0	None
Total:		12	5	12	15	
Semester Total:		17		27		

Semester-2

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-101	Elementary Surveying	3	1	3	3	None
CE-102	Computer Programming	2	1	2	3	None
HU-101	Communication Skills	0	1	0	3	None
IS/Hu-101	Islamic & Pak Studies/Ethics	3	0	3	0	None
MA-112	Applied Mathematics-II	3	0	3	0	None
ME-119	Basic mechanical Technology	1	0	1	0	None
ME-100L	Workshop Practice	0	1	0	3	None
Total:		12	4	12	12	
Semester Total:		16		24		

Semester-3

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-201	Surveying and GIS-RS Applications	3	1	3	3	CE-101
CE-212	Mechanics of Materials	3	1	3	3	Phy-122
CE-231	Fluid Mechanics-I	3	1	3	3	None
IS/HU-201	Islamic & Pak Studies/Ethics	3	0	3	0	None
MA-240	Numerical Analysis	2	1	2	3	None
	Total:	14	4	14	12	
	Semester Total:	18		26		

Semester-4

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-205	Civil Engineering Construction & Graphics	2	1	2	3	CE-105
CE-207	Engineering Economy and Construction Management	3	1	3	3	None
CE-211	Elementary Structural Analysis	3	0	3	0	Phy-122
CE-221	Geotechnical Engineering-I	3	1	3	3	None
ATP-301	Introduction to Architecture and Town Planning	2	0	2	0	None
QT-201	Translation of Holy Quran-II	1	0	1	0	None
	Total:	14	3	14	9	
	Semester Total:	17		23		

Semester-5

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
Mgt-317	Project Management in Engineering	2	0	2	0	None
CE-311	Structural Analysis	2	0	2	0	CE-211
CE-313	Steel Structures	3	1	3	3	CE-211
CE-321	Geotechnical Engineering-II	3	1	3	3	CE-221
CE-332	Hydrology and Water Resources Management	2	1	2	3	None
HU-300	Technical Report Writing	0	1	0	3	None
QT-301	Translation of Holy Quran-III	1	0	1	0	None
	Total:	13	4	13	12	
	Semester Total:	17		25		



Semester-6

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-312	Structural Mechanics	3	1	3	3	CE-212
CE-314	Plain & Reinforced Concrete-I	3	1	3	3	CE-103, CE-212
CE-331	Fluid Mechanics-II	3	1	3	3	CE-231
CE-305	Hazards and Disaster Management	2	0	2	0	None
MA-356	Probability and Statistics in Engineering	2	0	2	0	None
Mgt-319	Entrepreneurship for Ethics	1	0	1	0	None
CE-306	Professional Ethics	1	0	1	0	None
	Total:	15	3	15	9	
	Semester Total:	18		24		

Semester-7

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-412	Structural Engineering	3	1	3	3	CE-311, CE-314
CE-411	Plain & Reinforced Concrete-II	3	1	3	3	CE-311, CE-314
CE-421	Transportation Engineering	3	1	3	3	CE-221
CE-434	Hydraulic Engineering	3	1	3	3	CE-231
CE-499	Project	0	3	0	6	None
	Total:	12	7	12	18	
	Semester Total:	19		30		

Semester-8

Course No.	Title	Credit Hours		Contact Hours		Pre-Requisite
		Theory	Practical	Theory	Practical	
CE-431	Irrigation Engineering	3	1	3	3	CE-231
CE-413	Design of Structures	2	1	2	3	CE-311, CE-314
CE-423	Pavement & Foundation Engineering	3	0	3	0	CE-321
ENE-440	Environmental Engineering	3	1	3	3	CE-231
CE-499	Project	0	3	0	6	None
Qt-401	Translation of the Holy Quran-IV	1	0	1	0	None
	Total:	12	6	12	15	
	Semester Total:	18		27		
	Grand Total:	140		206		

Laboratories

S. No.	Laboratory	Associated Laboratories	Status
1	Transportation Engineering Laboratory	1. Transportation Engineering 2. Construction Materials	Functioning
2	Survey Laboratory	1. Survey & Leveling I 2. Survey & Leveling II 3. Elementary Surveying 4. Surveying and GIS-RS Applications	Functioning
3	Engineering Mechanics Laboratory	1. Engineering Mechanics	Functioning
4	Mechanics Of Solids Laboratory	1. Strength of Material 2. Mechanics of Materials	Functioning
5	Fluid Mechanics Laboratory	1. Fluid Mechanics I 2. Fluid Mechanics II	Functioning
6	GEO-Technical Engineering Laboratory	1. Geo Technical Engineering I 2. Geo Technical Engineering II 3. Pavements & Foundation 4. Engineering Geology	Functioning
7	Computer Laboratory	1. Civil Engineering Practice 2. Civil Engineering Construction & Graphics 3. Civil Engineering Program	Functioning
8	Drawing Hall	1. Civil Engineering Drawing	Functioning





Academic Regulations



The College follows the Rules and regulation of the UET Lahore and IUB.

- Department of Mechanical Engineering and department of Civil Engineering is affiliated with the UET Lahore and both departments follow the rules and regulations of UET, Lahore for the bachelor degree programs.
- Department of Electrical Engineering is affiliated with the IUB and it follows the rules and regulations of IUB for the bachelor degree programs.

Project/Thesis Report

Students are normally required to embark upon research project during final term in the programs where it is made compulsory for the partial fulfillment of the degree. Students are expected to prepare project/thesis report under the guidance of a supervisor. The supervisor will be a full time faculty member and the external examiner with vive voce will evaluate the thesis/report.

Internship

The programs where internship in an organization is made mandatory for a specific period the department/ college will arrange placement of the students and get the placement approved by the relevant body that in case of affiliated institutions is IUB Departmental Research Committee (DRC) of the concerned department. This is to be done when the student is in final term under the supervision of a full time faculty member and evaluated internally based on the report of the placement organization, brief report by students and a vive voce.





Management Team of the College

Mr. Tufail ullah Butt

Chairman

Dr. Muhammad Rizwan Malik

Principal / HOD MED

Ph.D.

*Huazhong University of Science and
Technology, Wuhan, P.R. China*

Email: principal@swedishryk.edu.pk

Mr. Muhammad Sadique

Incharge Examination

MA Islamiyat , LLB

IUB

Rao Hamid Ali

Account Officer

B.Tech (Hons)

Email: accounts.officer@swedishryk.edu.pk

Engr. Zaafar Mehmood

Admin Officer

B.Sc Electrical Engg.

Email: admin@swedishryk.edu.pk



Contact us

Swedish College is located at the out skirts of Rahim Yar Khan, and is easily accessible by all modes of public and private transport. If you wish to contact us for any reason, please find the following details

SWEDISH COLLEGE OF ENGINEERING AND TECHNOLOGY

Shahbaz Pur Road, Rahim Yar Khan

Website : swedishryk.edu.pk

Important Phone Number

Admin : 068-5873054

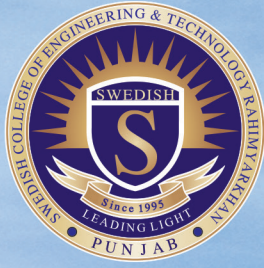
Admission Cell : 068-5873055

Important Emails

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