ADMISSIONS OPEN

SBB **DEWAN UNIVERSITY**

FACULTY OF INFORMATION TECHNOLOGY

SHAHEED BENAZIR BHUTTO DEWAN UNIVERSITY

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SBBDU

Faculty of Information Technology

INTRODUCTION:

Faculty of information technology offers programs that produce well-versed computer specialists to meet expectations of the market. Our curriculum is on par with the best in the Pakistan. It gives our students opportunities to adapt the mselves to emerging technologies and innovative ideas. The institute is keen to prepare its students to meet the needs of global as well as Pakistani companies; therefore, our pedagogy includes extensive laboratory work, independent projects, field work, task-based teaching and extensive research projects.

Faculty of information technology provides a comprehensive education in various facets of computing, with a particular emphasis on Machine Learning, Deep Learning, and Artificial Intelligence. The curriculum is designed to equip students with the skills needed to thrive in an increasingly digital world. The Final Year Project and Thesis Defense serve as critical components of this journey, offering students practical experience and an opportunity to demonstrate their expertise in their chosen fields. Through these experiences, students not only gain technical proficiency but also the ability to solve complex problems and innovate in the rapidly evolving field of technology.

FACULTY OF INFORMATION TECHNOLOGY:

University has outstanding faculty with immense experience of teaching and research in leading universities. A majority of them exhibit industrial experience. The faculty is keenly engaged in developing solutions for the contemporary problems using high-tech concepts. Such projects have great potential for local as well as overseas funding and grants. Our faculty provides guidance to conduct research in many areas including Artificial Intelligence, Bio-Informatics, Computational Genetics, Computational Linguistics, Networking, Wireless Networking, Databases, Distributed and Parallel Computing, Information Security, Multimedia and Game Development, Computer Graphics and Visualization, and Software Engineering.

FACILITIES:

The laboratories in the Faculty of information technology at SBB Dewan University provide students with hands-on experience in analysis, design, coding and testing activities for computational problems. Computing tools and devices are powered by a state-of-the-art data center to assist the development and analysis of computing intensive applications. The laboratories provide opportunities for students to explore and learn core computing practices and prepare them to tackle real-world problems.

VISION

To enable for the younger generation to successfully usher in the contemporary digital age.

MISSION:

To produce qualified leaders in information technology equipped with modern knowledge, skills and attitude to be innovative professionals and entrepreneurs at the service of Pakistan.

FACILITIES

Generous Scholarships on Need/Merit Basis from Dewan Group
● Affordable Fees ● Spacious Campus ● Highly qualified Faculty
● Air Conditioned Class Room ● Well Stocked Library ● State of the Art Computer Labs

Eligibility Criteria for Admission:

Minimum 50% Total Marks in Intermediate / A Levels followed by Entrance Test & Interview

Fee Structure for BSCS Program	
Admission Fee	10,000/- One Time
Enrolment Fee	10,000/- One Time
Tuition Fee	65,000/- Per Semester

Study Plan for BS (Computer Science)
4-Year Program (8 Regular Semesters of 16-18 weeks each)

Scheme Of Studies BS Computer Science

Year 1

Semester - I

S. No.	Course Title	Credit Hours
01	Programming Fundamentals	4(3+1)
02	Introduction to Information and Communication Technologies	3(2+1)
03	Discrete Structures	3(3+0)
04	Calculus and Analytical Geometry	3(3+0)
05	Functional English	3(3+0)
Credit Hours		16

Semester - II

S. No.	Course Title	Credit Hours
06	Object Oriented Programming	4(3+1)
07	Database Systems	3(2+1)
08	Digital Logic Design	3(3+0)
09	Multivariate Calculus	3(3+0)
10	Linear Algebra	3(3+0)
Credit Hours		17

Year 2

Semester - III

S. No.	Course Title	Credit Hours
11	Data Structures	4(3+1)
12	Information Security	3(2+1)
13	Artificial Intelligence	3(2+1)
14	Computer Networks	3(2+1)
15	Software Engineering	3(3+0)
16	Probability & Statistics	3(3+0)
Credit Hours		19

Semester - IV

S. No.	Course Title	Credit Hours
17	Computer Organization and Assembly language	3(2+1)
18	Theory of Automata	3(3+0)
19	Advance Database Management Systems	3(2+1)
20	Applied Physics	3(2+1)
21	Expository Writing	3(3+0)
22	Islamic Studies	2(2+0)
Credit Hours		17

Year 3

Semester - V

S. No.	Course Title	Credit Hours
23	Operating Systems	3(2+1)
24	HCI & Computer Graphics	3(2+1)
25	Computer Architecture	3(2+1)
26	(Elective-1 Web Technologies)	3(2+1)
26	(Elective-2 Mobile Application Development 1)	3(2+1)
27	Introduction to Management	2(2+0)
Credit Hours		17

Semester - VI

S. No.	Course Title	Credit Hours
28	Compiler Construction	3(2+1)
29	Parallel and Distributed Computing	3(2+1)
30	(Elective-3 Advanced Programming - Visual Prog)	3(2+1)
31	Compiler Construction	3(2+1)
32	(Elective-4 Numerical Analysis)	3(2+1)
33	(Elective-5 Web Engineering)	3(2+1)
Credit Hours		15

Year 4

Semester - VII

S. No.	Course Title	Credit Hours
34	Final Year Project – I	3(0+3)
35	Analysis of Algorithms	3(3+0)
36	Introduction to Marketing	3(3+0)
37	Technical and Business Writin	3(3+0)
38	Enterpreneurship	2(2+0)
39	(Elective-6 Cyber Security)	3(2+1)
Credit Hours		17

Semester - VIII

S. No.	Course Title	Credit Hours
40	Final Year Project – II	3(0+3)
41	Pakistan Studies	2(2+0)
42	Professional Practices	2(2+0)
43	Civics and Community Engagement	2(2+0)
44	(Elective-7 Software Testing & Quality Assurance)	3(2+1)
Credit Hours		12

Areas	Credit Hours	Courses
Computing Core	46	14
Domain Core	18	6
Domain Elective	21	7
Mathematics & Supporting Courses	12	4
Elective Supporting Courses	3	1
General Education Requirement	30	12
Totals	130	44

PLEASE NOTE:

1. SBB Dewan University reserves the right to change course requirements. Fees, course nomenclature, class schedules, venue, etc. at any time. Students admitted to Faculty of Information Technology have to abide by all academic and administrative rules as approved or modified by the University or Faculty of Information Technology from time to time.

2. All admissions granted are provisional and Faculty of Information Technology reserves the right to cancel admission of any student for indiscipline, violating rules providing wrong information or incomplete documentation or for any other reason not mentioned herein.

3. Any student who is found to be involved in any act of indiscipline will be dealt according to the rules of university including but not limited to the following:

   a. Fine as determined by the Disciplinary Committee.

   b. Expulsion for a period as determined by the Disciplinary Committee.

   c. Cancellation of enrollment/ admission by the university authority for the remaining academic period.

   d. Any other action as deemed appropriate by the head of institution or Competent University Authority.

Location Map
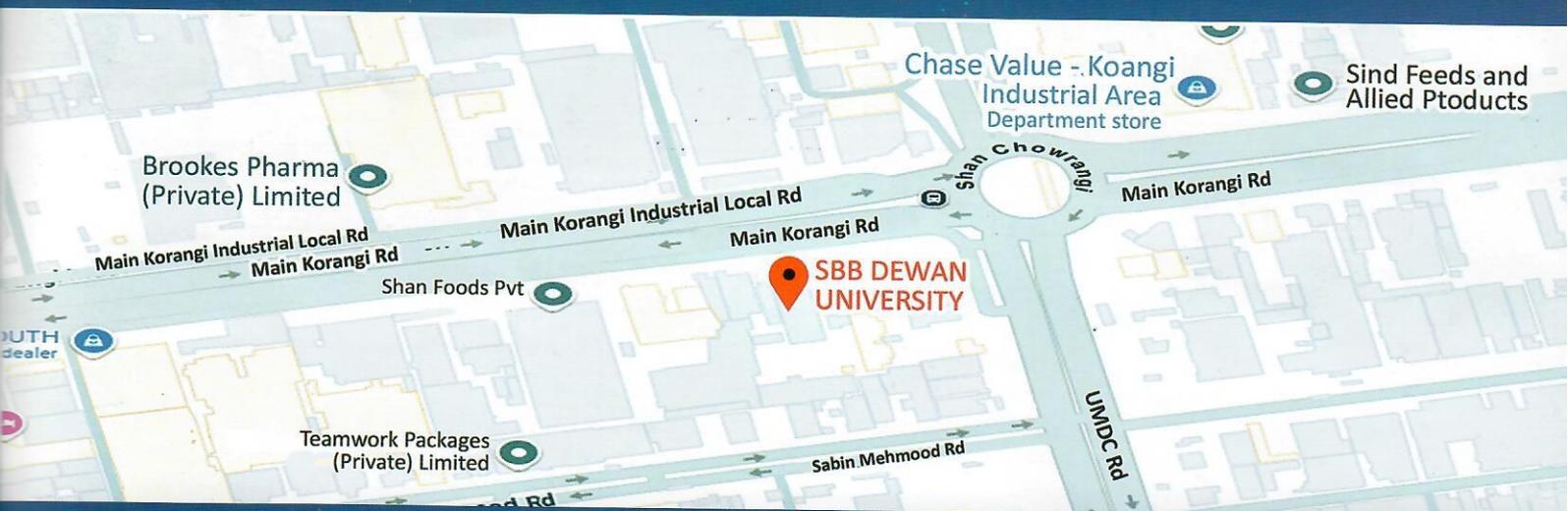
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