Patuakhali Science and Technology University
পটুয়াখালী বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়

কম্পিউটার এন্ড কমিউনিকেশন ইঞ্জিনিয়ারিং বিভাগ
দুমকি, পটুয়াখালী-৮৬০২, বাংলাদেশ
ফোন   ঃ ০৪৪২৭-৫৬০১৪ (এক্সঃ - ৩৪৮)
ফ্যাক্স   ঃ ০৪৪২৭-৫৬১১২
ইমেইল   ঃ chairmancce@pstu.ac.bd
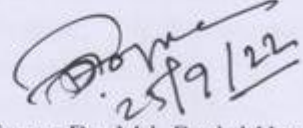Web   : www.cse.pstu.ac.bd

Department of Computer and Communication Engineering
Dumki, Patuakhali-8602, Bangladesh
Phone : 04427-56014 (Ext-348)
Fax   : 04427-56112
Email : chairmancce@pstu.ac.bd
Web   : www.cse.pstu.ac.bd

Dear all

It is a great pleasure to inform you that the course OBE based course curriculum of Master of Science in Computer and Communication Engineering program of the Faculty of Computer Science and Engineering, Department of Computer and Communication Engineering (CCE) has been approved in the last 48th Academic Council meeting. CCE department will now take admission from July December 2022 as per PGS admission circular.

Other Information's:

01. Submission of application for admission within 20th October, 2022.
02. The respective academic committee will recommend the students for admission to the Dean, PGS (through prescribed proforma collected from www.pstu.ac.bd) with an electronic copy to deanpgs@pstu.ac.bd on or before 24th October, 2022.
03. List of selected students will be announced on or before 27th October, 2022.
04. Date of admission 30th and 31st October, 2022.
05. Class start: 01st November, 2022.
06. At the time of admission; students must submit their original documents.
07. Incomplete application will be stand cancelled.

Professor Dr. Md. Fazlul Hoque
Dean
Postgraduate Studies

A.	Semester: January-June 2021				
Alphabetic Code	**Numeric Code**	**Course Title**		**Credit Hours**	**Compulsory/ Elective**
CCE	5101	Advanced Computer Network		03	Compulsory
CCE	5102	Advanced Machine Learning		03	Compulsory
CCE	5103	Advanced Database System		03	Compulsory
CCE	5104	Industry Revolution 4.0 and Internet of Things		03	Elective
CCE	5106	Microwave Communication Theory and Techniques		03	Elective
			Total Credits	15	
N.B.: 3 compulsory and 2 elective courses will offer.					

Patuakhali Science and Technology University
পটুয়াখালী বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়

কম্পিউটার এন্ড কমিউনিকেশন ইঞ্জিনিয়ারিং বিভাগ
দুমকি, পটুয়াখালী-৮৬০২, বাংলাদেশ
ফোন   ঃ ০৪৪২৭-৫৬০১৪ (এক্সঃ - ৩৪৮)
ফ্যাক্স   ঃ ০৪৪২৭-৫৬১১২
ইমেইল   ঃ chairmancce@pstu.ac.bd
Web   : www.cse.pstu.ac.bd

Department of Computer and Communication Engineering
Dumki, Patuakhali-8602, Bangladesh
Phone : 04427-56014 (Ext-348)
Fax   : 04427-56112
Email : chairmancce@pstu.ac.bd
Web   : www.cse.pstu.ac.bd

1. Semester wise Courses:

The academic committee after consulting with dean PGS theory courses from the list of offered courses for this program.

B.   Semester: January-June

Alphabetic Code	Numeric Code	Course Title	Credit Hours	Compulsory/ Elective
CCE	5101	Advanced Computer Network	03	Compulsory
CCE	5102	Advanced Machine Learning	03	Compulsory
CCE	5103	Advanced Database System	03	Compulsory
CCE	5104	Industry Revolution 4.0 and Internet of Things	03	Elective
CCE	5105	Advanced Network Security and Cryptography	03	Elective
CCE	5106	Microwave Communication Theory and Techniques	03	Elective
CCE	5107	Operating Systems for Networked Environments	03	Elective
CCE	5108	Security Auditing and Penetration Testing	03	Elective
CCE	5109	Software Define Networking	03	Elective
CCE	5110	Web Technologies and Services	03	Elective
		Total Credits	15	

N.B.: 3 compulsory and 2 elective courses will offer.

C.   Semester: July-December

Alphabetic Code	Numeric Code	Course Title	Credit Hours	Compulsory/ Elective
CCE	5201	Research Methodology for Computer and Communication Engineering	03	Compulsory
CCE	5202	Advanced Algorithms Analysis	03	Compulsory
CCE	5203	Cybercrime, Digital Forensics, and Cyber Security Management	03	Compulsory
CCE	5204	Wireless Sensor Networks	03	Elective
CCE	5205	Software Testing and Quality Assurance	03	Elective
CCE	5206	Big-data Analytics and Warehousing	03	Elective
CCE	5207	Next Generation Mobile Communication System	03	Elective
CCE	5208	Satellite Communication	03	Elective
CCE	5209	Virtualization and Cloud Computing	03	Elective
CCE	5210	Network Design and Performance Evaluation	03	Elective
		Total Credits	**12**	

N.B.: 3 compulsory and 1 elective course will offer.

D.   Semester: Research

Alphabetic Code	Numeric Code	Course Title	Credit Hours	Compulsory/ Elective
CCE	5301	Research Work (Satisfactory/ Unsatisfactory)	10	Compulsory
CCE	5302	Thesis Evaluation	05	Compulsory
CCE	5303	Thesis Defense	03	Compulsory
		Total Credits	**18**	