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THE PEOPLE'S UNIVERSITY

(Accredited with NAAC A++)

School of Computer and Information Sciences
Master of Computer Applications (MCA)

Objective

- The broad objective of the MCA programme is to prepare graduate students for productive careers in software industry, academia and research.

Minimum Duration	Medium of Instruction	Fees
2 Years	English	Rs.12000/- per semester Total: Rs.48000/-

Eligibility Criteria

(a) Passed BCA / B.Sc(Computer Science/IT) / Bachelor Degree in Computer Science Engineering or Equivalent Degree

(b) Obtained atleast 50% marks in the qualifying examination (45% marks in case of candidates belonging to reserved category)

OR

(a) (i) Any Bachelor's degree of minimum 3 (three) year duration from a recognized University AND Mathematics as one of the subject at 10+2 level or graduation level.

(ii) Obtained atleast 50% marks in the qualifying examination (45% marks in case of candidates belonging to reserved category).

(b) Successfully completed PGDCA of IGNOU

Programme Coordinator
Akshay Kumar
School of Computer &
Information Sciences
IGNOU, New Delhi
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Programme Structure

Course Code	Semester	Theory / Practical	Credits
	Semester I		
MCS-211	Design and Analysis of Algorithms	Theory	4
MCS-212	Discrete Mathematics	Theory	4
MCS-213	Software Engineering	Theory	4
MCS-214	Professional Skills and Ethics	Theory	2
MCS-215	Security and Cyber Laws	Theory	2
MCSL-216	DAA and Web Design Lab	Practical	2
MCSL-217	Software Engineering Lab	Practical	2
	Semester II		
MCS-218	Data Communication and Computer Networks	Theory	4
MCS-219	Object Oriented Analysis and Design	Theory	4
MCS-220	Web Technologies	Theory	4
MCS-221	Data Warehousing and Data Mining	Theory	4
MCSL-222	OOAD and Web Technologies Lab	Practical	2
MCSL-223	Computer Networks and Data Mining Lab	Practical	2
	Semester III		
MCS-224	Artificial Intelligence and Machine Learning	Theory	4
MCS-225	Accountancy and Financial Management	Theory	4
MCS-226	Data Science and Big Data	Theory	4
MCS-227	Cloud Computing and IoT	Theory	4
MCSL-228	AI and Machine Learning Lab	Practical	2
MCSL-229	Cloud and Data Science Lab	Practical	2
	Semester IV		
MCS-230	Digital Image Processing and Computer Vision	Theory	4
MCS-231	Mobile Computing	Theory	4
MCSP-232	Project	Project	12

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THE PEOPLE'S UNIVERSITY

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School of Computer and Information Sciences
Post Graduate Diploma in Computer Applications (PGDCA)

Objective

- The broad objective is to prepare graduate students for productive careers in software industry. The programme's thrust is on giving the students a thorough and sound background in theoretical and application-oriented courses relevant to the latest computer software development.

Minimum Duration	Medium of Instruction	Fees Rs.10800/- per semester
1 Year	**English**	Total: Rs.21600/-

Programme Structure

Course Code	Course Title	Theory / Practical	Credits
Semester I			
MCS-201	Programming in C and Python	Theory	4
MCS-202	Computer Organisation	Theory	4
MCS-203	Operating Systems	Theory	4
MCSL-204	WINDOWS and LINUX Lab	Practical	2
MCSL-205	C and Python Lab	Practical	2
Semester II			
MCS-206	Object Oriented Programming Using Java	Theory	4
MCS-207	Database Management Systems	Theory	4
MCS-208	Data Structures and Algorithms	Theory	4
MCSL-209	Data Structures and Algorithms Lab	Practical	2
MCSL-210	DBMS and Java Lab	Practical	2

Eligibility Criteria

Any Bachelor's degree of minimum 3 (three) year duration from a recognized University AND Mathematics as one of the subject at 10+2 level or Graduation level.

OR

Any Bachelor's degree of minimum 3 (three) year duration from a recognized University AND doesn't have Mathematics as one of the subject at 10+2 level or graduation level. These students are required to successfully complete BCS-012 (Graduate level Mathematics course) as Bridge Course.

Note: *It is essential to obtain atleast 50% marks in the qualifying examination (45% marks in case of candidates belonging to reserved category) for admission to MCA. Please refer to eligibility conditions for admission to MCA.*

Programme Coordinator
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