

INDIRA GANDHI NATIONAL OPEN UNIVERSITY
STUDENT REGISTRATION DIVISION (R-V)

F.No.:IG/SRD/R-V/Notif/2019/12.60
Dated: 5th November, 2019

NOTIFICATION

Sub: Launch of Post Graduate Diploma in Computer Applications (PGDCA) for January, 2020 session.

With the approval of the Vice Chancellor dated 27th September, 2019 and the approval of the Academic Council's Standing Committee (ACSC) in its 51st meeting held on 17th May, 2019, it is hereby notified that the Post Graduate Diploma in Computer Applications (PGDCA) programme of the School of Computer and Information Sciences (SOCIS) shall be on offer in the University through ODL mode for January, 2020 session.

The details of the Programme Coordinator is as follows:

Name : Dr. V.V. Subrahmanyam
Contact No. : 011-29572901/29572909
E-mail : pgdca@ignou.ac.in

The programme details of the above Post Graduate Diploma programme as received from the SOCIS are enclosed/ attached herewith for information.

This is issued with the approval of the Competent Authority.


Assistant Registrar (R-V)
विकास कुमार / Vikas Kumar
सहायक कुलसचिव (वि.पं.प्र.) / Assistant Registrar (SRD)

Distribution to:

1. All Schools / Divisions
2. All Regional Centres
3. Director, RSD –for compilation / updation of the list of programmes / study centres
4. Director, SOCIS
5. PGDCA Programme Coordinator, SOCIS
6. DD, VCO
7. All sections of SRD/CSRC
8. Office copy

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

The broad objective of the Post Graduate Diploma in Computer Applications (PGDCA) programme 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. The programme emphasizes the application of software technology to solve mathematical, computing, communications / networking and commercial problems.

This PG Diploma is a stand-alone programme consists of 12 courses worth 36 credits. It has been designed with a semester approach in mind. The courses are aimed at skill development in computers using various technologies. It prepares the student to aim for a programmer level / web developer in a software company to design and develop small business application software or lab personnel / technician in institutions or a freelancer to develop software projects.

Eligibility:

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; else the student is required to pursue and pass the BCS-012 course concurrently with PGDCA.

Medium of Instruction: English

Duration: Minimum 1 year and Maximum 4 years; offered in both January & July cycle of admissions

Fee Structure: Rs. 21,600/- for full programme to be paid semester wise @Rs. 10,800/- per semester. Non-Maths students have to pay Rs.1,400/- additional in the first semester.

Programme Details: The programme has been divided into two semesters per year (January-June and July-December). Consequently, there will be two examinations every year – one in the month of June for the January to June Semester courses and the other is December for the July to December semester courses. The students are at liberty to appear any of the examinations conducted by the University during the year subject to completing the minimum time frame and other formalities prescribed for the programme.

Programme Coordinator: Dr.V.V.Subrahmanyam, email-id: pgdca@ignou.ac.in
Contact no. 011- 29572901, 29572909

PGDCA Programme Structure

I SEMESTER			II SEMESTER		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
MCS-011	Problem Solving and Programming	3	MCS-021	Data and File Structures	4
MCS-012	Computer Organization and Assembly Language Programming	4	MCS-022	Operating System Concepts and Networking Management	4
MCS-013	Discrete Mathematics	2	MCS-023	Introduction to Database Management Systems	3
MCS-014	Systems Analysis and Design	3	MCS-024	Object Oriented Technologies and Java Programming	3
MCS-015	Communication Skills	2	MCSL-025	Lab (based on MCS-021, 022, 023 & 024)	4
MCSL-016	Internet Concepts and Web Design	2			
MCSL-017	C and Assembly Language Programming Lab	2			