

2020-21

Student Handbook
& Prospectus



DR. BABASAHEB AMBEDKAR
OPEN UNIVERSITY

(Established by Government of Gujarat)

Genesis of Distance Education

The development and acceptance of "Distance Education" both in the developed and developing countries is growing fast. The reason behind such an acceptance is its flexible approach and user-friendly technique of education that can provide a viable alternative for everyone who needs to pursue education further to expand his horizons of knowledge, to sharpen his existing knowledge, to upgrade his knowledge, skills and training and thereby, making learning fulfilling experience.

Distance Education seeks to provide a new orientation to educational processes. It assumes premises about the nature of learning that are vastly different from that of the traditional system of education. The unique features of distance education are its contact sessions and the preparation of assignments. These contact sessions keep the learner constantly in touch with the counselors and the assignments enable them to correct the flaws in their learning and to reorient themselves. This clearly shows that distance education does not exist in vacuum. It is in fact, an outcome of certain socio-historical compulsions and technology growth.

Why BAOU For Distance Education ?

Babasaheb Ambedkar Open University is established by the Government of Gujarat in 1994. University is also recognised by the University Grants Commission (UGC) and is a member of Association of Indian Universities (AIU).

BAOU is recognised by Distance Education Council (DEC). BAOU offers 58 courses ranging from certificate to post graduate level covering diverse disciplines like Education, Social Sciences, Humanities, Information Technology and Commerce and Management. The programs are made accessible through 220 University authorised study centres across the state. The University has a cumulative enrolment of more than 3,00,000 learners.

BAOU was established as per the ordinance No 5/1994 of Gujarat Government published in extra ordinary gazette on 13th April, 1994. Afterwards this ordinance was given the form of an Act which is known as Act No.14 of 1994 passed by Gujarat State legislature.

Target Groups and Important Features of the University

Keeping in view the University objectives, the persons of all the classes and masses; who are deprived of education due to their social, educational, geographical and professional circumstances, are included in the target groups of this university.

Especially these groups are as follows:

- People engaged in different services, business or agriculture
- People belonging to Scheduled Tribes, Schedule Caste, Nomadic Tribes and Socially Educationally Backward Class
- Person deprived of higher education in young age and aspiring to improve their qualifications
- Persons deprived of admission in conventional universities of the state
- Working people who wish to improve their professional skills
- Prisoners

Important Features of The University

- Functioning throughout the State of Gujarat
- Flexibility of Place, Pace and Time for Study
- Student Support Services and State Wide Network
- Use of Modern Education and Communication Technologies
- Provide equal education to people living in rural and remote areas
- Facility of Counselling through live "phone in radio counselling" and "satellite open and distance learning"
- For self study qualitative self learning material
- Development of qualitative audio and visual educational material by "state of art" Chaitanya Studio. Broadcasting these materials with the help of internet via "Swadhyay Radio" and "Swadhyay Television", one can use these educational materials and information by the means of mobile, tablet, laptop or desktop at any time and at any place.

University Objectives

- To advance and disseminate learning and knowledge by a diversity of means, including use of any communication technology
- To provide opportunities of higher education to a large segment of the population
- To promote generally the educational well-being of the community
- To encourage the Open University and Distance Education system in the education pattern of the state

Letter for Approval & Recognition for Open University Programmes

- According to Letter no EV/II(499)/94/176915-177115, dated 14/1/1994 of Association of Indian Universities, New Delhi. The Degree given by the Open University shall be considered by the other Universities.
- In the Publication of Government of India, dated 1/3/1995, all the academic degree offered by Open University are valid.
- According to the Letter Number F.No.1-18/2018 (DEB-1), dated 31.12.2018 of University Grants Commission, New Delhi The degrees offered by Dr. Baba Saheb Ambedkar Open Universities are recognised by UGC.

Important Achievements

The university has been awarded following awards:

Name: CIMA World Education Congress Global Awards.

Category

- Innovations in Distance Learning.
- Distance Learning Leadership.
- Best Government Distance Learning University

DCA DIPLOMA IN COMPUTER APPLICATION

FEES : 7000/- Per Semester

DURATION : 1 Year/2 Semesters

Diploma in Computer Applications (DCA) has been designed for meeting the demand of the growing needs of experts in the fields of computers, internet, operating systems, office automation, programming language, hardware maintenance, web design etc. This programme helps learners to acquire required skills in Computer Application, Programming, Web Designing, Database etc.

ELIGIBILITY

(ENTRY POINT)

12th Std or It's equivalent
10th Std + ITI (2 or more Years)
+ NCVT / GCVT
+ GSHEB / GOSE
12th English Exam
10th + 3 Years
Diploma (Polytechnic)

MOBILITY

(EXIT POINT)

Diploma in Computer Application will be awarded after successful completion of First & Second Semester.

Total Credit Points : 40

FIRST SEMESTER

SUBJECT CODE	SUBJECT NAME	CREDIT POINTS	
		Th	Pr
DCAR - 101	Fundamentals of Computer & Information Technology	4	--
DCAR - 102	Operating System and Software Installation	4	--
DCAR - 103	Fundamental of Programming using 'C' language	2	2
DCAR - 104	Introduction to Internet Technologies and HTML	2	2
DCAR - 105	Communication Skills	4	--
		16	4

SECOND SEMESTER

DCAR - 201	Data Structure Using C	4	--
DCAR - 202	Database Management System (DBMS)	2	2
DCAR - 203	Digital Electronics and Computer Organisation	4	--
DCAR - 204	Object Oriented Concepts & Programming - I (Core Java)	2	2
DCAR - 205	System Analysis & Design	4	--
		16	4

BCA BACHELOR OF COMPUTER APPLICATION

FEES : 7000/- Per Semester

DURATION : 3 Years/6 Semesters

This programme is designed to attract young minds to the potentially rich & employable field of computer applications. It's a foundation graduate programme which will act as a feeder course for higher studies in the area of Computer Science/Applications. It'll develop skills in software development so as to enable the BCA graduates to take up self-employment in Indian & Global software market. Students are going to get trained & equipped by which they can meet the requirement of the Industrial standards.

ELIGIBILITY

(ENTRY POINT)

- 12th Std or It's equivalent
- 10th Std + ITI (2 or more Years)
+ NCVT / GCVT
+ GSHEB / GOSE
12th English Exam
- 10th + 3 Years
Diploma (Polytechnic)

MOBILITY

(EXIT POINT)

Diploma in Computer Application will be awarded after successful completion of First & Second Semester.

FIRST YEAR - FIRST SEMESTER

SUBJECT CODE	SUBJECT NAME	CREDIT POINTS	
		Th	Pr
BCAR - 101	Fundamental of Computer & Information Technology	4	--
BCAR - 102	Operating System and Software Installation	4	--
BCAR - 103	Fundamental of Programming using 'C' language	2	2
BCAR - 104	Introduction to Internet Technologies and HTML	2	2
BCAR - 105	Communications Skills	4	--
		16	4

SECOND SEMESTER

BCAR - 201	Data Structure Using 'C'	4	--
BCAR - 202	Database Management System (DBMS)	2	2
BCAR - 203	Digital Electronics and Computer Organisation	4	--
BCAR - 204	Object Oriented Concepts & Programming - I (Core Java)	2	2
BCAR - 205	System Analysis and Design	4	--
		16	4

ELIGIBILITY

(ENTRY POINT)

Any students who has completed 10+3 Years Diploma in CE/IT/CS or 10+2 with one year DCA from a Statutory Examination Body or Recognised University is eligible for the direct admission in the Third Semester.

MOBILITY

(EXIT POINT)

Advance Diploma in Computer Application will be awarded after successful completion of First, Second, Third & Fourth Semester.

ELIGIBILITY

(ENTRY POINT)

Any student who has completed Advance Diploma in Computer Application from a Recognised University is eligible for direct admission to Third Year.

MOBILITY

(EXIT POINT)

Bachelor of Computer Application will be awarded after successful completion of First, Second, Third, Fourth, Fifth & Sixth Semesters.

Total Credit Points : 104

SECOND YEAR - THIRD SEMESTER

SUBJECT CODE	SUBJECT NAME	CREDIT POINTS	
		Th	Pr
BCAR - 301	Introduction to Computer Network	4	-
BCAR - 302	Relational Database Management System (RDBMS)	2	2
BCAR - 303	System Programming and Introduction to Microprocessor	4	-
BCAR - 304	Object Oriented Concepts & Programming - II (Advance Java)	2	2
BCAR - 305	Personality Development	4	-
		16	4

FOURTH SEMESTER

BCAR - 401	Web Technology Using FOSS (LAMP/WAMP)	2	2
BCAR - 402	Software Engineering	4	-
BCAR - 403	Client / Server Architecture and Interface (C#)	2	2
BCAR - 404	Project Work	-	4
		8	8

THIRD YEAR - FIFTH SEMESTER

BCAR - 501	Business Application and Introduction to ERP	4	-
BCAR - 502	Object Oriented Analysis and Design	4	-
BCAR - 503	Mobile Application Development	2	2
BCAR - 504	Internet Programming (ASP.NET using C#)	2	2
		12	4

SIXTH SEMESTER

BCAR - 601	E-Commerce	4	-
BCAR - 602	Project Work	-	8
		4	8

PGDCA POST GRADUATE DIPLOMA IN COMPUTER APPLICATION

FEES : 7500/- Per Semester

DURATION : 1 Year/2 Semesters

PGDCA programme is designed to provide higher level education in advance level of Information technologies. This programme is also aims to prepare learners for a variety of concepts like networking, Database Management. The curriculum of this programme ensure that learners gain through understanding about critical concepts like object oriented techniques, programing languages, mobile applications development.

ELIGIBILITY (ENTRY POINT)

Any Graduate from a
Recognised University

MOBILITY (EXIT POINT)

Post Graduate Diploma in
Computer Application will be
awarded only after
successfull completion
of First and Second
Semester

Total Credit Points : 34

FIRST SEMESTER

SUBJECT CODE	SUBJECT NAME	CREDIT POINTS	
		Th	Pr
PGDCA - 101	Architecture of Computers	4	—
PGDCA - 102	Object Oriented Concepts	2	2
PGDCA - 103	Relational Database Management	2	2
PGDCA - 104	Fundamentals of Operating System	2	--
PGDCA - 105	Internet & Web Designing HTML 5, CSS, Java Script, XML	--	2
		10	6

SECOND SEMESTER

PGDCA - 201	Fundamentals of Computer Networking	4	—
PGDCA - 202	Web Application Development	2	2
PGDCA - 203	Mobile Application Development	2	2
PGDCA - 204	Object Oriented Analysis and Design	2	--
PGDCA - 205	Project	--	4
		10	8