DR. BABASAHEB AMBEDKAR OPEN UNIVERSITY

(Established by Government of Gujarat)

School of Computer Science
Revised Syllabus for
BCA in Multimedia (BCAMUL)
June-2020

BCA Multimedia

Revised Syllabus 2020 Onwards
(As per UGC Model Curriculum)

BAOU
**Education
for All**

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Introduction

Dr. Babasaheb Ambedkar Open University is unique, being the only state distance mode-open University of Gujarat, established by the Government of Gujarat. The prime objective of the University is to equip its learners with knowledge, skills and competencies associated with employability through flexible, learner-centred and technology enhanced way following the basic principles of open and distance education.

The School of Computer Science, Dr. Babasaheb Ambedkar Open University offers a wide range of programmes in Computer Science & Information Technology for the benefit of one and all. The main focus of the school is to expose the students with the latest technologies in the field of Computer Science & Information Technology so that the student is able to fill the gap that exists between the supply and the demand of the technically trained manpower in the field of CS & IT.

Bachelor of Computer Application (Multimedia) typically comprises of basic core subjects in graphic, animation and web designing with Computer Graphics &llustrator, Printing & Resolution, Digital Audio, Image Editing and Processing, UI/UX-Responsive Websites- styling, Web Prototyping, Archtecture Design, Mapping Technology, Sound And Video Editing, Character Animation, 2D animation & Publication, advanced 3D Illusion and virtual reality.

Objectives

- ✓ To know the conceptual as well as a theoretical concept of Computers & Information Technology
- ✓ To enhance the skills in graphic designing
- ✓ To enlighten the skills in Animation
- ✓ To Develop the skills in video editing, visual effects and game designing.
- ✓ To understand the creativity and intellectualizing ability

Subject Code	Subject Name	Credit	PR
First Year			
BCA (DES)-101	video production basics	4	
BCA (DES)-102	computer graphics & illustrator	4	
BCA (DES)-103	printing & resolution	4	
BCA (DES)-104	motion graphics	4	
BCA (DES)-105	digital audio	4	
BCA (DES)-106	image editing and processing	2	2
BCA (DES)-107	UI/UX-responsive Website-Styling	2	2
BCA (DES)-108	web prototyping	4	
2nd Year (Animation Specialization)			
BCA (DES)-201	communication skills	4	
BCA (DES)-202	visual communication	4	
BCA (DES)-203	architecture design-1	2	2
BCA (DES)-204	mapping technology	4	
BCA (DES)-205	architecture design-2	2	2
BCA (DES)-206	sound editing	4	
BCA (DES)-207	video editing	2	2
BCA (DES)-208	character animation	4	
2nd Year (Graphics Specialization)			
BCA (DES)-201	communication skills	4	
BCA (DES)-202	visual communication	4	
BCA (DES)-203	composition & printing technology	4	
BCA (DES)-204	vector graphics & painting	2	2
BCA (DES)-205	digital matt painting	2	2
BCA (DES)-206	publication technology	4	
BCA (DES)-207	story writing, story telling & story boarding	4	
BCA (DES)-208	drawing & sketching, fine art, commercial arts	2	2
2nd Year (UI/UX Specialization)			
BCA (DES)-201	communication skills	4	
BCA (DES)-202	visual communication	4	
BCA (DES)-203	object oriented comuputer programming language	4	

Subject Code	Subject Name	Credit	PR
2nd Year (UI/UX Specialization)			
BCA (DES)-204	web development language	2	2
BCA (DES)-205	customised markup languages	2	2
BCA (DES)-206	commercial transction	4	
BCA (DES)-207	introduction to global computer network-1	4	
BCA (DES)-208	web design landscape (UI/UK)	2	2
3rd Year (Animation Specialization)			
BCA (DES)-301	animation production process	4	
BCA (DES)-302	script writing	4	
BCA (DES)-303	2D animation & publication	2	2
BCA (DES)-304	3D illusion-1	4	
BCA (DES)-305	3D illusion-2	2	2
BCA (DES)-306	virtual reality	4	
BCA (DES)-307	project / portfolio	8	
3rd Year (Graphics Specialization)			
BCA (DES)-301	drawing & sketching	4	
BCA (DES)-302	typography	4	
BCA (DES)-303	3D graphics-1	2	2
BCA (DES)-304	3D graphics-2	2	2
BCA (DES)-305	animation production process	4	
BCA (DES)-306	publication technique-2	4	
BCA (DES)-307	project / portfolio	8	
3rd Year (UI/UX Specialization)			
BCA (DES)-301	futuristic web	4	
BCA (DES)-302	streamed audio-Video multimedia R/A	2	2
BCA (DES)-303	sophisticated script language	4	
BCA (DES)-304	website prototypes & application interfaces S/W	4	
BCA (DES)-305	open-Source server-Side web application	2	2
BCA (DES)-306	global computer network-2	4	
BCA (DES)-307	project / portfolio	8	

Outline of the Program

- The code for this programme is BCA (MUL).
- For every year and for every course the codes will be different.
- This Programme is divided into three years namely, First Year, Second Year and Third Year.
- The student is entitled to get 4 credits of one course.
- The whole BCA (MUL) programme will have a total of 96 credits.
- Eligibility for Admission: 10+2 or equivalent examination passed (in any stream) from a Council/University recognized by UGC.
- Duration of programme: Minimum 3 years and Maximum 8 years.
- Programme fee: Rs 15000/- per semester, Total would be Rs. 45000/- for three year programme.
- Centers: Recognized/Approved study centers of University
- SLM (Self learning Material): It will be provided to all Enrolled students.
- Counseling sessions: Saturday and Sunday at all approved centers.
- Learners are required to submit two assignments to the study center for the evaluation purpose. For their assignment's submission, they must follow the deadlines assigned by the university.
- Yearly Exams: January/ February & June/ July

Assessment

Assessment of Student	
Continuous Evaluation	Based on the Assignment (30%)
Yearly Exams	Based on Yearly Exams (70%)
Standard of Success	To pass 35% marks in Assignment and Yearly Evaluation

Facilities

- ❖ Counselling sessions at the respective Learner Support Centre.
- ❖ ICT Support: ICT support is a major component of any ODL system of education. Our University has as such given emphasis on this. Some ICT-based support systems provided by the University for the learners of are listed below:
  - Website: www. baou.edu.in
  - E - Self Learning Material
  - Swadhyaya TV

- VANDE Gujarat — Dedicated VANDE Gujarat Channel Number 16
  - Virtual Classroom
  - Online Admission
  - Secured Examination
  - Cash-Less Campus
  - ASK-ME kiosk
  - Educational Apps

Programme Outcomes

- To develop a basic understanding of elements of Digital Designtechnology and to encourage rational thinking and problem solving skills so that learners can develop rational dicision making skill that works under dynamic situations.

- To develop comprehensive knowledge of Design Foundation, Computer software based learning of designing and accomplishing projects in the various domains of Digital Designing.

- To increase awareness among the students regarding Different avenues of career creation in the creative and digital design industry.

- To enable the learners to create career avenues at global level in the digital design industry.

- To encourage the learner to apply ethical practices in Digital Design technology and ethical environment.

- To enable learners in attaining enrichment of skills so as to facilitate grater employability.

- To develop professional and leadership effectiveness among the learners so as to encourage Enterpreneurship.