













(B.VOC.) IN 3D ANIMATION

& VISUAL EFFECTS

SCOPE GLOBAL SKILLS UNIVERSITY

- CENTRAL INDIA'S 1st SKILLS UNIVERSITY ----

WORK INTEGRATED PROGRAM GUIDE



INDEX

S. No.	Title	Page No.
1.	About AISECT	1
2.	AlSECT Group of Universities About SGSU About Work Integrated Learning Program (WILP)	2
3.	Bachelor of Vocation (B.Voc.) in 3D Animation & Visual Effects	6
4.	Registration Process	8

About AISECT

AISECT is India's leading Social Enterprise that is working in the areas of **Skill Development**, **Higher Education**, **Financial Inclusion**, **e-Governance and other ICT-based services** to bring about an inclusive change in the semi-urban and rural areas of the country. Established in 1985, the Bhopal-headquartered organization has been untiringly reaching out to the remotest corners of the country since the past 39 years to empower people, generate employment for the youth and unfold entrepreneurial initiatives. The AISECT Model is a multipurpose, self-sustainable, scalable and entrepreneurial model that addresses the demand of local communities for various skills and ICT-based services required in the unorganized sector. The organization has a strong presence in **650 Districts**, **3,000 Blocks** and **11,000 Panchayats across 28 States** and **6 Union Territories through over 49,000 Centres**, **22 State Offices** and **38 Regional Offices**. Till date, it has imparted skill-based training to over 31 lakh people, created employment opportunities within the network for more than 1,70,000 people and empowered the lives of over 50 lakh people through various innovative products and services. AISECT has partnered with the National Skill Development Corporation to offer skill-based training to 20 lakh youth by 2029.



AISECT Group of Universities

The AISECT Group of Universities is India's leading higher education group whose mission is to establish world-class and affordable universities at locations that are in dire need of quality higher education ecosystem. The Group's core ideology across all its higher education endeavors has been to groom its students into responsible, proficient and ethical professionals. With over three decades of unparalleled experience in skill development and job placement, the Group offers its students immense opportunities through its extensive industry linkages and expertise in entrepreneurship sector.

The Group's portfolio, currently includes **Dr. C.V. Raman University in Bilaspur (Chhattisgarh), Rabindranath Tagore University in Bhopal (Madhya Pradesh), AISECT University in Hazaribagh (Jharkhand), Dr. C.V. Raman University in Vaishali (Bihar), Dr. C.V. Raman University in Khandwa (M.P.) and Scope Global Skill University, Bhopal (M.P.).**

About SGSU

SCOPE Global Skills (SGS) University is Central India's First NEP and NSQF Aligned Skills University in Bhopal, Madhya Pradesh, India. Established in 2023, under UGC 2F Act, it is a part of the AISECT Group, a leading education and skill development organization in India.

SGSU will create industry-ready professionals by training students on industry-relevant skills, with the help of industry experts at industry-grade labs and by practical industry exposure through internship & apprenticeship.

SGSU is accredited by the University Grants Commission (UGC) and offers undergraduate, postgraduate and doctoral programs across a wide range of faculties, including Engineering & Technology Skills, Emerging Technologies, Information Technology and Future Skills, Management Studies, Banking, Finance & Commerce, Education & Training, Fashion Technology & Interior Design, Medical & Allied Sciences, Agriculture & Allied Technologies, Mass Communication, Humanities & Liberal Arts and Sustainable Development Studies.

Our apprenticeship embedded degree programs are designed to provide students with practical skills and experience so they can succeed in their chosen fields. SGSU **Industry Aligned** Centre of Excellence like Entrepreneurship, Innovation & Startup, Future Skills, AVGC, Renewable Energy, Precision Engineering, Smart Manufacturing, IOT, Hero Moto Corp, Lucas Nuelle, etc., in collaboration with various industry partners, will be offering you a real-world experience. Our faculty comprises of industry experts who bring a wealth of experience and will be providing students with high-quality education and quidance.

The SGSU takes pride in its state-of-the-art facilities, including sprawled campus across 26 acres, modern classrooms, labs, libraries and sports facilities. The campus is designed to foster creativity and collaboration. SGSU provides resources to the students to excel in their studies like Real-world Experience, Industry Connections, Marketable Skills and Career Support.

SGSU is driven by the AISECT group with a four-decade legacy of quality skill-based education and is poised to become India's leading institution committed to providing its students with world-class skills, infrastructure & relevant to the changing needs of the industry and society.

About Work Integrated Learning Program (WILP)

Work Integrated Learning Program (WILP) is a skill development based higher education program. It incorporates the requirements of various industries in its curriculum, in an innovative and flexible manner while developing a holistic and well-groomed professional. A pathbreaking component of WILP is job-ready training, providing industry integrated application and practice-based learning to its students.

Annexure



प्रो (डॉ.) जसपाल एस सन्यू ^{सचिव}

Prof. Dr. Jaspal S. Sandhu MBBS, MS (Ortho), DSM, FAIS, FASM, FAFSM, FFIMS, FAMS Secretary



विश्वविद्यालय अनुदान आयोग University Grants Commission

(मानव संसाधन विकास मंत्राखब, मास्त सरकार) (Ministry of Human Resource Development, Govt. of India)

बहादुरसाह ज़फ़र मार्ग, नई दिल्ली-110002 Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23239337, 23236288, Fax : 011-23238858, email : jssandhu.ugc@nic.in

D.O.No.F.2-7/2014(CC/NVEQF)/Misc.

3rd August, 2016

1-4 AUG 2016

Dear Sir/Madam,

The University Grants Commission (UGC) has launched a scheme on skill development based higher education as part of college/university education, leading to Bachelor of Vocation (B.Voc.) Degree with multiple exit options such as Diploma/Advanced Diploma under the NSQF. The B.Voc. programme is focussed on universities and colleges providing undergraduate studies which would also incorporate specific job roles and their National Occupational Standards (NOSs) alongwith broad based general education.

In order to, look into new developments and consider the candidates passing out of B.Voc. Degree Programme as per eligibility requirements, it is requested to implement the following:

- (i) Bachelor of Vocation (B.Voc.), a Bachelor level degree specified by UGC under section 22(3) of UGC Act, 1956 and notified in official Gazette of India dated 19th January, 2013 be recognised at par with the other Bachelor level degrees for competitive exams conducted by Union/State Public Service Commission, Staff Selection Commission or other such bodies where the eligibility criteria is "Bachelor Degree in any discipline".
- (ii) Students with B.Voc. Degree should be considered eligible for the trans disciplinary vertical mobility into such courses where entry qualification is a Bachelor Degree without specific requirement in a particular discipline.

With kind regards,

Yours sincerely,

(Jaspal S Sandhu)

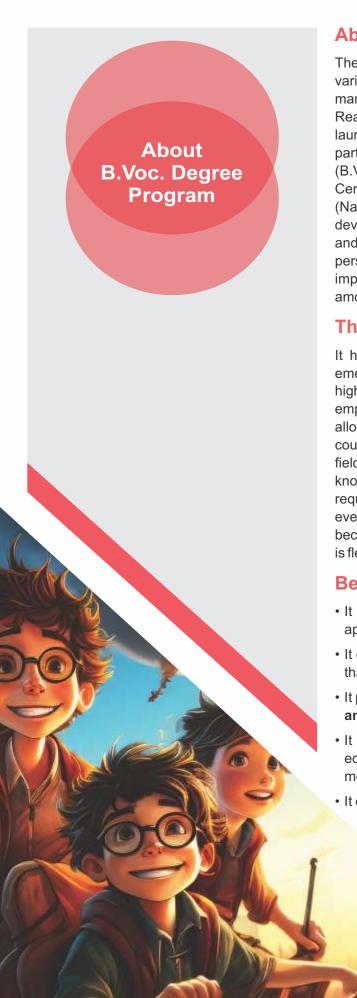
The Vice-Chancellor of all Universities.

allscee

Copy to:

Secretary/Principal Secretary (Higher Education), All States and UTs The Publication Officer, UGC, New Delhi for uploading on UGC website.

2



About B.Voc.

The higher education system has to incorporate the requirements of various industries in its curriculum, in an innovative and flexible manner while developing a holistic and well-groomed graduate. Realizing this need, the University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college / university education, leading to Bachelor of Vocation (B.Voc.) Degree with multiple exit and entry options to a UG Certificate / UG Diploma or Bachelor's Degree, under the NSQF (National Skills Qualifications Framework). The course content is developed based on NSQF, CBCS (Choice Based Credit System) and industry requirements with the objectives to achieve holistic personality development by imparting human-centric learning, to impart skill-based education and to promote entrepreneurship among students.

The Need for B.Voc.

It has been a long felt need to align higher education with the emerging needs of the economy so as to ensure that the graduates of higher education system have adequate knowledge and skills for employment and entrepreneurship. This could be only fulfilled by allowing the youth or individuals of our country to indulge into a course that would not only enhance their knowledge in the respective field but would also provide them with the required skill and practical knowledge that would help them to acquire jobs as per industry requirements and their own choice in the long run. This program can even help out the individuals to take a step ahead and think of becoming entrepreneurs. It can be considered as an education which is flexible in providing knowledge and thereby helping them to groom.

Benefits of B.Voc. Program

- It provides a **judicious mix of skills** relating to a profession and appropriate content of general education.
- It ensures that the students have adequate knowledge of skills, so that they are **work-ready** at each exit point of the program.
- It provides flexibility to the students by means of **pre-defined entry** and multiple exit points.
- It integrates NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirements.
- It equips graduates to meet not only the needs of local and national industry but become part of the global workforce.
 - The program helps an individual to focus on practical skills and gives an insight to the job requirements and thereby enhances employability for suitable jobs.

Level of Awards

The certification levels will lead to UG Certificate / UG Diploma / B.Voc. Degree in one or more vocational areas and will be offered under the aegis of the University. This is shown in the table below:

Award Multiple Exit & Entry Points	Duration	Corresponding NSQF Level
UG Certificate	1 Year	4.5
UG Diploma	2 Years	5
UG Degree / B.Voc. Degree	3 Years	5.5



Eligibility for Admission in B.Voc.

• The eligibility for admission in three years B.Voc. degree program is 10+2 or equivalent, in any stream.

Curriculum

• The curriculum in each of the years of the program would be a suitable mix of skill development and general education components.







Bachelor of Vocation (B.Voc.) in 3D Animation & Visual Effects, offered by Scope Global Skills University, Bhopal in collaboration with Arena Animation

B.Voc. in 3D Animation & Visual Effects is an industry-driven undergraduate degree developed in collaboration with Arena Animation. Designed to align academic learning with industry expectations, the program equips students with creative and technical skills in animation, filmmaking and visual storytelling. Spanning six semesters over three years, the curriculum evolves from foundational design principles to advanced production workflows, integrating emerging technologies like Generative AI, 3D Animation, Visual Effects and real-time rendering using game engines.

Early semesters focus on core concepts such as Graphic Design, Photography, Cinematography and 2D Animation, supported by training in video/audio editing and Al-assisted tools. Students apply their learning through creative projects that foster aesthetic and conceptual skills.

The middle semesters emphasize technical proficiencies including 3D Modeling, Sculpting, Texturing, Lighting and Rendering. Simultaneously, students build digital assets while enhancing communication, personality development and organizational behavior for well-rounded growth.

In the final year, students tackle advanced modules like Rigging, Character Animation and Unreal Engine-based Real-time Cinematics. Courses in Advanced Compositing, Camera Tracking and Intellectual Property Rights are introduced alongside business fundamentals, encouraging entrepreneurial thinking. Emphasis is placed on industry-aligned projects, showreel development and portfolio building to ensure graduates are job-ready.

This future-ready degree prepares students for careers in 3D Animation, VFX, Digital Content Creation, Real-time Cinematics and Interactive Storytelling.

Program Structure

The three-year program is divided into 6 semesters; with 2 semesters per year. The unique proposition about the B.Voc. comes from the fact that it provides flexibility to the students by means of pre-defined entry and multiple exit points – students can leave at the end of first year with a UG Certificate, at the end of second year with an UG Diploma or at the end of three years with a Degree, with corresponding National Skills Qualification Framework (NSQF) grades of Level 4.5 for UG Certificate, Level 5 for UG Diploma and Level 5.5 for Degree. Students may rejoin the program from next level anytime. Also, the curriculum of AISECT's B.Voc. is crafted in lines with National Occupational Standards (NOSs) of specific job roles across the industries. This enables the students to meet the learning outcomes specified in the NOSs. Moreover, through this 'Earn while you Learn' approach model, the trainees can earn a modest stipend during their on-the-job duration of the program.

Scope Global Skills University, Bhopal Bachelor of Vocation in 3D Animation & Visual Effects Program Structure - 2025-26

Semester	Course Code	Course Title	Credit
	FS25BVA101	Graphics Basics and Pixel Perfect	6
I	FS25BVA102	Graphic Art and Illustrations with GenAl	6
	FS25BVA103	Cinematography & Photography Basics	4
	FS25BVA104	Foundations of 2D Animation: Concept Design and Storytelling	4
	FS25BVA201	Audio Video Magic with GenAl	6
II	FS25BVA202	Motion Graphics and 2D Animation	6
	FS25BVA203	Project - 1	4
	FS25BVA204	Health & Safety at Workplace	4
	FS25BVA301	Modeling for 3D Artists	6
	FS25BVA302	Lighting, Texturing and Animation	6
III	FS25BVA303	3D Photorealistic Rendering	4
	FS25BVA304	Communication Skills & Personality Development	4
	FS25BVA401	Asset Creation and Digital Sculpting	6
n /	FS25BVA402	Advanced Texturing and Lighting	6
IV	FS25BVA403	Project - 2	4
	FS25BVA404	Organizational Behavior	4
	FS25BVA501	Rigging and Character Animation	6
	FS25BVA502	Cinematics Realism with Unreal	6
V	FS25BVA503	Dynamics and VFX	4
	FS25BVA504	I.P.R.	4
	FS25BVA601	Rotoscopy and Camera Tracking	6
	FS25BVA602	Advanced Compositing	6
VI	FS25BVA603	Project - 3	4
	FS25BVA604	Entrepreneurship Skills	4

Registration Process

Walk in to the nearest Arena Animation information counseling centre with the following documents to register:

- √ Filled B.Voc. Admission Form
- ✓ 10th Marksheet
- ✓ 12th Marksheet
- ✓ Aadhaar (Both Sides)
- ✓ Photo
- ✓ Signature
- ✓ Category Information
- ✓ Valid Email ID
- ✓ Active Mobile Number
- ✓ TC & Migration





Call us at: 1800-266-0555

X

Website: www.arena-multimedia.com

