SRINIVAS UNIVERSITY

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(State Private University Established by Karnataka Govt. ACT No.42 of 2013, Recognized by UGC, New Delhi, & Member of Association of Indian Universities, New Delhi)

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Administrative Office: GHS Road, Mangalore-01, Phone 0824-2425966, 2412382,

COLLEGE OF COMPUTER SCIENCE & INFORMATION SCIENCE
Bachelor of Computer Application (BCA – Artificial Intelligence and Virtual Reality)

Introduction about BCA in Artificial Intelligence and Virtual Reality:

In the recent years, more and more importance is given to the Artificial Intelligence in one or the other forms. The AI technique either in the form of Robotics or in the form of various types of pattern recognition and processing, various database related to AI, Augmented reality etc. are the present market opportunities in IT industry. With the rapid growth of AI in IT industry in India, demand for trained computer professionals is skyrocketing. Bachelors in Computer Application (BCA) is an undergraduate three-year degree course in computer applications. The course is a good fit for students who wish to delve into the world of AI and VR. It is one of the most popular courses among students who wish to make a career in the field of Artificial Intelligence. **A degree in BCA is at par with the B.Tech/B.E degree in computer science or Information technology**.

Looking into the demand for the BCA in AI and VR course, Srinivas University has introduced Bachelor of Computer Applications as an undergraduate program to nurture the students to become young AI professionals. The course is designed to work more and more in the field of AI as a researcher or implement the same using various algorithms. Bachelor of Computer Applications is a three year undergraduate program that is spread across six semesters. The goal of the Bachelor of Computer Applications (BCA AI &VR) program is to prepare students for careers in upcoming technology in AI, any software industry related to AI or VR understanding the skills related to the use of Computers and its application. It prepares the students to obtain the positions as a researcher, designer, AI programmer, Algorithm developer and many more.

Specialty of the Course:

The three year six semester BCA in Artificial Intelligence and Virtual Reality is designed to train the aspirants in the following IT areas

- Strong foundation to IT industry
- Knowledge of Artificial Intelligence from basics to advance including labs
- Knowledge of various Object Oriented Programming supporting AI techniques
- Strong Knowledge in the area of database management system related to AI
- Very good knowledge in the field of Networking and Server side programming for implementing AI concepts.
- Six months dedicated project work/ internship to orient the students in IT field so that they can get immediate placement.

Career Opportunities:

Students after successful completion can find the position as AI programmer, Robot programming, Image processing, voice recognition and sound synthesis, Banking Sector, Website hosting, Customer relationship manager.

Placement Activity:

Since its inception of BCA in Srinivas University the students are getting campus placement in MNCs like Infosys Technologies, Wipro, Deloite, Accenture Technologies, and Cap Gemini etc. The college trains the students to attend these interviews and get placed into such MNCs by introducing a separate 50 marks paper called employability skill development program wherein the in the skills required to face the interview and get into the company will be taught in first five semesters

Type	Subjects	Type	Subjects
DSC - 1	Problem Solving using C & Lab	**DSC– 2**	Introduction to AI
DSE - 1	Foundation of Information Technology & Lab	**DSE–2**	Object Oriented Programming
GEC - 1	Basics of Internet and Web Design	**GEC–2**	Operating System
L – 1	Communication English I	**L – 3**	Communication English II
L – 2	Kannada/Hindi/ any other	**L – 4**	Hindi/Malayalam
SEC–1	Digital Fluency	**SEC –4**	ESEP II
SEC–2	ESEP I	**SEC–5**	Minor Project
ECA-1	Health & Wellness / Social & Emotional Learning (NSS & Yoga/ Games & Music/	**ECA-2**	Health & Wellness / Social & Emotional Learning (NSS & Yoga/ Games & Music/
SEC–3	Minor Project		
L – 3	Kannada		
Total Credits	28	**Total Credits**	28
Total Marks	750	**Total Marks**	750

JOIN ABOVE INNOVATIVE BCA(Artificial Intelligence and Virtual Reality)

PROGRAMME WITHINDUSTRY RELEVANCE AND
JOB ORIENTED SYLLABUS TO RE-DEFINE YOUR CAREER ALTITUDE!!!

College of Computer & Information Science

CREATING INNOVATORS

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SRINIVAS UNIVERSITY
Educating the Next Generation