SRINIVAS UNIVERSITY

Mukka. 574 146, Surathkal, Mangalore, Phone :0824-2477456

(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)

Web:www.srinivasuniversity.ac.in, Email: info@srinivasuniversity.ac.in
Administrative Office: GHS Road, Mangalore-01, Phone 0824-2425966

COLLEGE OF ENGINEERING& TECHNOLOGY

Master of Technology (M.TECH)
ARTIFICIAL INTELLIGENCE AND VIRTUAL REALITY

About M.Tech in Artificial Intelligence and Virtual Reality:

Duration: 2 Years / 4 Semesters. (Admissions open for batch 2021-22)

The introduction of internet was a major milestone in the history of mankind that led to information revolution. Increased use of internet is connecting people and business organizations like never before and there is huge volume of data generated every second across the world. Organizations have been on the lookout for solutions that can help them manage data on digital platform. Partnering VR and specific forms of AI, such as robotics, natural language processing, and machine learning, among others, creates an extended reality where participants become part of a virtual ecosystem and can interact with and dissect data within their real-world field of view.

This program is a special course offered by the department of CSE, which offers dual specialization in Artificial Intelligence and Virtual Reality, provides a unique value proposition by combining the important subject areas in each of these new-age fields of study and providing an integrated learning platform.. The program offers a wide range of technical and programming skill sets that complement the specialization subjects on Artificial Intelligence and Virtual Reality.

This program is primarily aimed at offering flexibility for students in making their own career choices in Programming or AI or VR, thus bringing unique set of value proposition. Through this program students are empowered to compete for Programming, AI and VR based job profiles thus significantly improving their employment quotient

Special Features of the Program:

□ Training by experts trained by Holosuit.

□ Spacious multimedia classrooms and well equipped laboratories with sufficient number of computer systems with latest updated software.

□ Dynamic, qualified, dedicated and research oriented teaching faculty who work towards the overall betterment of the students.

□ Excellent Technical faculty to provide technical assistance to the students during practical sessions.

□ E-Study material will be provided from the college for every subject according to the syllabus.

□ Industry oriented syllabus with special focus on experimental learning.

□ Mini projects that help students implement the theoretical knowledge gained into practical applications which gives a better understanding of the subject.

□ Innovations in examination system with opportunity for personal seeing of evaluated papers.

□ Placement support and research oriented projects for every student.

□ Focus on smart skill development & training on competitive exams.

□ Opportunity for internships and industrial visits.

□ Tie up with industries to get students trained in latest technology through industry sessions/ workshops.

Career Opportunities:

There are teaching/lecturing post in different top universities, chances for higher education,and also currently almost 700 virtual reality startups worldwide, from companies focusing on building virtual limbs, self-driving cars and 3-D immersive cameras, to drone technologies and wearable tech for gaming. AI and VR technology is also popular in retail, as a way to facilitate online as well as brick and mortar shopping experiences. And as the space continues to grow, there will be more and more AI and VR applications for different industries. You may have several opportunities waiting for you. For example, Business Development Manager, AI Team Leader, ML Architect, AI Engineer, AI Intelligent systems Researcher, Computer systems Engineer, Business Intelligence analyst, Web Developer, Computer Vision Engineer, Software Test Engineer, Computer Architect, Data Scientist and many more.

M.TECH IN ARTIFICIAL INTELLIGENCE AND VIRTUAL REALITY

SEMESTER 1			SEMESTER 2		
S. No.	Subject	Credit/ Marks	S. No.	Subject	Credit/ Marks
1	Advanced Data Structure and Algorithm	4/100	1	Research Methodology	4/100
2	Virtual Reality	4/100	2	Python for IoT	4/100
3	Foundation of AI	4/100	3	Information Retrieval	4/100
4	Machine Learning	4/100	4	Artificial Intelligence	4/100
5	Data Visualization	4/100	5	Elective II	4/100
6	Elective I	4/100	6	Elective III	4/100
7	Machine learning Lab	2/100	7	IoT Lab	2/100
8	Seminar	2/50	8	Seminar	2/50
	Total Credit/Marks	28/750		Total Credit/Marks	28/750

SEMESTER III		
S. No.	Subject	Credit/ Marks
1	Seminar/Presentation on Internship (After 8 weeks from the date of commencement)	1/50
2	Report on Internship	2/50
3	Evaluation and Viva-Voce	6/150
	Total Credit/Marks	09/250

SEMESTER IV		
S. No.	Subject	Credit/ Marks
1	Project Work Phase: 1	1/50
2	Report on Project work	3/50
3	Final Evaluation of Project Work and Viva-Voce	6/200
	Total Credit/Marks	10/300

SEMESTER 1 Elective –1			SEMESTER 2 Elective –2		
S. No.	Subject	Credit/ Marks	S. No.	Subject	Credit/ Marks
1	Statistical learning Theory	4/100	1	Multiagent systems	4/100
2	Foundation of Data Science	4/100	2	Computational Intelligence	4/100

SEMESTER 2 Elective –3		
S. No.	Subject	Credit/ Marks
1	Machine Learning for Big Data	4/100
2	System Design Engineering	4/100

BE A PART OF THIS INNOVATIVE M.Tech (ARTIFICIAL INTELLIGENCE & VIRTUAL REALITY) PROGRAMME WITH INDUSTRY RELEVANCE AND JOB ORIENTED SYLLABUS TO RE-DEFINE YOUR CAREER ALTITUDE!!!

College of Engineering and Technology
CREATING INNOVATORS

SRINIVAS UNIVERSITY
Educating the Next Generation