

Srinivas University

Value Added Courses

Academic Year 2018-19

Brochures

Si NO	Name of the course/programme	Number of students enrolled in the year	Number of Students completing the course in the year	Link to the relevant document
1.	Statistical tools for Managers	129	129	View Document
2.	Advanced Excel	265	265	View Document
3.	Software Development Methodologies	138	138	View Document
4.	Raspberry Pi	24	24	View Document
5.	Remote Sensing and GIS in Air Quality applications using GIS software	67	67	View Document
6.	Pattern making through CAD	32	32	View Document
7.	Project Management for Interior Designers	33	33	View Document
8.	Leadership and Management Skills	92	92	View Document
9.	Data Analytics	6	6	View Document
10.	Social Work Research Methods	18	18	View Document
11.	Data Analytics and Business Intelligence	60	60	View Document
12.	Mobile Security in mobile app development	35	35	View Document

13.	Ethics in AI	112	112	View Document
14.	Advanced Geotechnical Engineering	122	122	View Document

ABOUT THE INSTITUTION



Srinivas University, Mangalore, is a Private Research and skill focused University in Mangalore, Karnataka, India established in 2013 by Karnataka State Act. Srinivas University is the flagship of 18 Srinivas Group of Institutions started by A. Shama Rao Foundation, Mangalore, India, a private Charitable Trust founded in 1988 by an Eminent Chartered Accountant A. Raghavendra Rao. A. Shama Rao Foundation has started many professional colleges in Mangalore which include Srinivas Institute of Medical Sciences and Research Center, Srinivas Institute of Dental Sciences, Srinivas Institute of Technology, Srinivas College of Pharmacy, Srinivas Institute of Nursing Sciences, A Shama Rao Nursing School, Srinivas Integrated Campus, Srinivas College of Hotel Management, Vijayalakshmi Institute of Hospitality Sciences, Srinivas First Grade College, Srinivas School of Engineering, Srinivas Institute of Management Studies, Srinivas College of Physiotherapy, Srinivas School of Business, Srinivas School of Management, Srinivas College of Education, Srinivas Institute of Social Work.

Presently, Srinivas University offers undergraduate, postgraduate, and research courses under 9 Faculties/Institutes with about 71 courses. The University made innovations in designing and starting new super speciality programmes both in UG, and PG level as per present and future industry relevance, innovations in examination system through focus on continuous evaluation and to make it foolproof. The University has established networking with many industries, universities, and Education service providers to substantially improve the quality and weightage of the courses and degrees respectively. Presently Srinivas University has Nine Institutes offering innovative industry oriented specialized courses of UG, PG, and Research levels. The Institutes are :

- Institute of Engineering & Technology
- Institute of Management & Commerce
- Institute of Allied Health Sciences
- Institute of Computer Science & Information Science
- Institute of Aviation Studies
- Institute of Social Sciences & Humanities
- Institute of Hotel Management & Tourism
- Institute of Physiotherapy
- Institute of Education
- Institute of Nursing Science

Add on course on

Statistical tools for Managers

Date : 20th to 24th March 2019



Organized by

Master of Business Administration

Institute of Management & Commerce



ABOUT THE Department

The Institute of Management and Commerce earlier named as Srinivas Institute of Management Studies at Srinivas University is committed to provide a conducive learning environment which ensures comprehensive development of students and make them competent, confident and good citizens. Our programmes ensure a coherent degree structure which is well-rounded, thereby facilitating interdisciplinary training. We believe that interdisciplinary training is the way to go because the business environment is changing and as such programmes must be able to meet these changes. We are committed to the highest standards of academic excellence, quality, integrity, and professional ethics. It is our goal to provide our students with an academic and research background as well as a practical field experience that are key components to a successful career in today's changing world. The Institute of Management and Commerce believes in serious academic pursuit and encourages original and innovative thinking with regard to national and internationally relevant ideas and policies through intellectually stimulating debates and discussions at all levels. The college has built its reputation with a dedicated goal of adding value to life and professional standards.

COURSE OBJECTIVES

1. Understanding how to collect, organize, and analyze data to extract meaningful insights.
2. Applying statistical tools to make informed decisions, considering uncertainties and risks.
3. Using statistical methods to identify and address business challenges or opportunities.
4. Applying statistical quality control techniques to enhance processes and products.
5. Using statistical models to predict future trends and outcomes

COURSE OUTCOMES

1. Students should grasp fundamental statistical concepts like mean, median, mode, standard deviation, and probability.
2. Learning various methods to collect and sample data is crucial for obtaining reliable and representative information.
3. Proficiency in using tools like charts, graphs, and dashboards to visually represent data for better understanding and communication.

VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Basic concepts and terminology.	7
2	Probability distributions	7
3	Null and alternative hypotheses.	6
4	Expected monetary value.	7
5	Application of statistical tools in real-world business scenarios.	5
	TOTAL	32

RESOURCE PERSONS

Dr. Anil Kumar

Professor, Registrar, SU

Dr. Shrinivasa Mayya

Professor, Srinivas Institute of Technology

COURSE COORDINATOR

Mr. Amit Donald Memezes

Assistant Professor, Institute of Management & Commerce
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
Surathkal, Mangalore – 574146 , INDIA

Mobile: 0824-2425966, mail:deancmc@srinivasuniversity.edu.in

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- Institute of Education
- Institute of Nursing Science

Add on course on

Advanced Excel

Date : 10th to 14th January 2019



Organized by

Bachelor of Business Administration

Institute of Management & Commerce



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COURSE OBJECTIVES

1. Mastering complex functions such as VLOOKUP, HLOOKUP, INDEX-MATCH, and nested functions to efficiently analyze and manipulate data.
2. Learning to use tools like PivotTables and PivotCharts for in-depth data analysis, summarization, and visualization.
3. Understanding how to validate data entries, create drop-down lists, and protect sheets and workbooks to maintain data integrity.

COURSE OUTCOMES

1. Master complex functions like VLOOKUP, HLOOKUP, INDEX-MATCH, and nested functions for advanced data manipulation.
2. Understand techniques to validate and clean data effectively, ensuring accuracy and reliability.
3. Create sophisticated charts and graphs, including combo charts, trendlines, and sparklines, to visually represent data.

VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Data Analysis and Visualization	7
2	Advanced Formulas and Functions	7
3	Data Modeling and Analysis	6
4	Automation and Macros	7
5	Advanced Data Validation and Protection	5
	TOTAL	32

RESOURCE PERSONS

Ms. Pavithra Kumari

Assistant Professor, Institute of Management &Commerce, SU

Ms. Keerthana Raj

Assistant Professor, Institute of Management &Commerce, SU

COURSE COORDINATOR

Ms. Yashwini Ail

Assistant Professor, Institute of Management &Commerce

SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,

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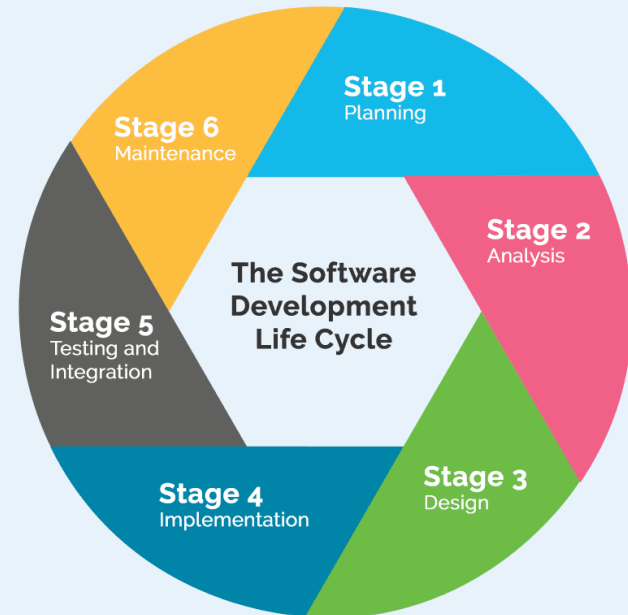
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Add on course on

Software Development Methodologies

Date : 10th to 14th November 2018



Organized by

Bachelor of Technology - Computer Science Engineering

Institute of Engineering & Technology



ABOUT THE Department

Welcome to the Department of Computer Science and Engineering, where innovation meets excellence! Established in 2006, our department offers dynamic undergraduate (B.E. CSE) and postgraduate (M.Tech. CSE) programs.

With a strong focus on practical learning, our curriculum covers the latest advancements in computer science, including computer vision, machine learning, data mining, networking, and high-performance computing. Our dedicated faculty members, with their rich research experience, ensure top-class education that combines theoretical knowledge with real-world applications.

Equipped with state-of-the-art infrastructure and cutting-edge computing equipment, our students have access to high-speed Ethernet and wireless networks, empowering them to engage in hands-on experiments and projects.

COURSE OBJECTIVES

1. Gain a solid grasp of the fundamental concepts and principles underlying different software development methodologies.
2. Compare and contrast different software development methodologies, such as Agile, Waterfall, Scrum, and others.
3. Apply theoretical knowledge to real-world scenarios, enabling students to choose appropriate methodologies based on project requirements.

COURSE OUTCOMES

1. Students can confidently select and justify the choice of a specific software development methodology based on project requirements, constraints, and team dynamics.
2. Demonstrate effective collaboration within a development team by applying communication strategies and teamwork principles emphasized in different methodologies.

VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	A set of practices that aim to automate and improve the process of software delivery and operations.	7
2	Emphasizes building features in a planned and organized manner.	7
3	Iterative development with minimal planning	6
4	Adopts principles from lean manufacturing to optimize efficiency.	7
5	Emphasizes communication, teamwork, and simplicity.	6
	TOTAL	33

RESOURCE PERSONS

Mr. Krishna Kaushik

Assistant Professor, Dept. of Computer Engineering, SU

Mr. Omprakash Bhat

Assistant Professor, Dept. of Computer Engineering, SU

COURSE COORDINATOR

Mr. Ravi Kiran

Assistant Professor, Dept. of Computer Engineering,
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
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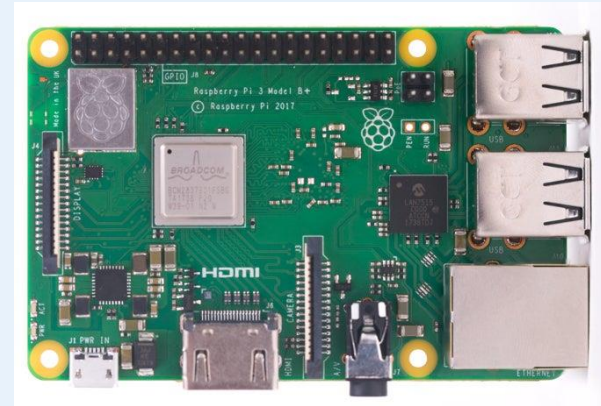
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Add on course on

Raspberry Pi

Date : 10th to 14th November 2018



Organized by

**Bachelor of Technology - Electronics and
communication Engineering**

Institute of Engineering & Technology



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COURSE OBJECTIVES

1. Understand the basics of what Raspberry Pi is, its history, and its applications.
2. Explore the different components of a Raspberry Pi, such as GPIO pins, USB ports, HDMI, etc.
3. Get hands-on experience with programming in Python, especially tailored for Raspberry Pi projects.

COURSE OUTCOMES

1. Gain knowledge about the Raspberry Pi hardware components and architecture.
2. Acquire programming skills using languages like Python, which is commonly used for Raspberry Pi projects.
3. Develop practical projects using the Raspberry Pi, such as home automation systems, media centers, or simple games.

VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Security Considerations	7
2	Community and Resources:	7
3	Projects and Tutorials	7
4	Programming on Raspberry PI	7
5	Networking and Connectivity	6
	TOTAL	34

RESOURCE PERSONS

Dr. Snthosh Shenoy

Assistant Professor, Institute of Engineering & Technology, SU

Mr. Bhavani Shankar

Assistant Professor, Dept. of Computer Engineering, SU

COURSE COORDINATOR

Mr. Prasanna P

Assistant Professor, Dept. of Electronics & Communication Engineering,

SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
Surathkal, Mangalore – 574146 , INDIA

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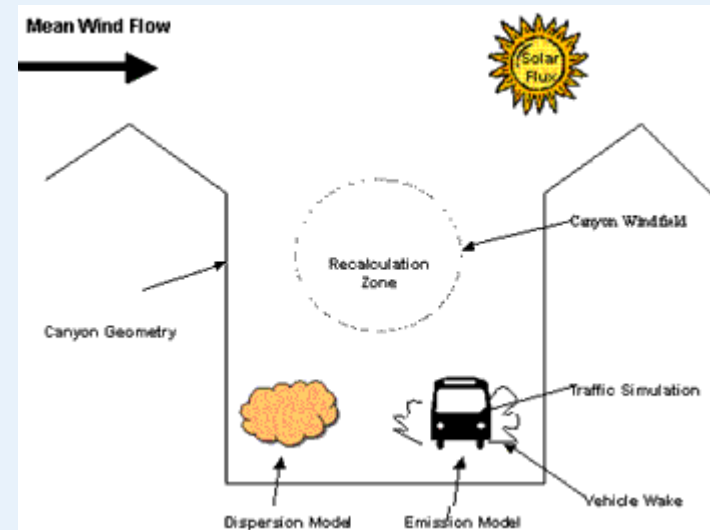
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Add on course on

Remote Sensing and GIS in Air Quality applications using GIS software

Date : 24th to 28th November 2018



Organized by

Bachelor of Technology - Civil Engineering

Institute of Engineering & Technology



ABOUT THE Department

Welcome to the Department of Civil Engineering, where innovation meets excellence! Established in 2006, our department offers dynamic undergraduate (B.E. Civil) and postgraduate (M.Tech. Civil) programs.

With a strong focus on practical learning, our curriculum covers the latest advancements in construction, sustainability, green energy, water harvesting, drainage system, & solid & liquid waste management. Our dedicated faculty members, with their rich research experience, ensure top-class education that combines theoretical knowledge with real-world applications.

Equipped with state-of-the-art infrastructure and cutting-edge computing equipment, our students have access to high-speed Ethernet and wireless networks, empowering them to engage in hands-on experiments and projects.

COURSE OBJECTIVES

1. Define and comprehend key air quality parameters, such as particulate matter (PM), ozone, nitrogen dioxide, sulfur dioxide, etc.
2. Gain a solid foundation in remote sensing principles and techniques.
3. Understand spatial data types and coordinate systems relevant to air quality applications.

COURSE OUTCOMES

1. Students will gain a solid understanding of the principles and technologies behind remote sensing, including satellite imagery, aerial photography, and sensor data.
2. Mastery of Geographic Information Systems (GIS) fundamentals, including spatial data handling, map creation, and spatial analysis techniques.
3. Proficiency in acquiring, preprocessing, and analyzing remote sensing data for air quality applications, including image enhancement, calibration, and validation processes.

VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Introduction to Remote Sensing and GIS	7
2	Air Quality Fundamentals	7
3	Remote Sensing for Air Quality	6
4	GIS in Air Quality Applications	6
5	GIS Software for Air Quality Applications	5
	TOTAL	31

RESOURCE PERSONS

Ms. Vidya Kamath

Assistant Professor, Dept. of Civil Engineering, SU

Ms. Preethi Salian

Assistant Professor, Dept. of Civil Engineering, SU

COURSE COORDINATOR

Mr. Srinath Rao

Assistant Professor, Dept. of Civil Engineering,
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
Surathkal, Mangalore – 574146 , INDIA

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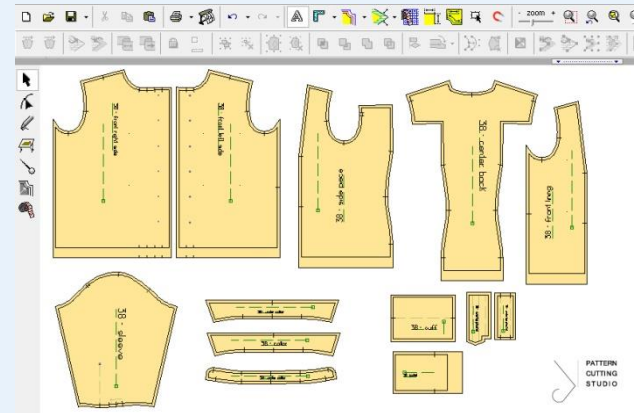
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Add on course on

Pattern making through CAD

Date : 18th to 22nd October 2018



Organized by

Bachelor of Technology - Mechanical Engineering

Institute of Engineering & Technology



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COURSE OBJECTIVES

1. Gain proficiency in using CAD software specific to pattern making, such as Optitex or Gerber Accumark.
2. Learn to create accurate and efficient digital patterns using CAD tools, ensuring precision in measurements and design.
3. Acquire skills in modifying and manipulating digital patterns to accommodate design changes, sizing variations, and style adjustments.

COURSE OUTCOMES

1. Develop proficiency in using CAD software specifically tailored for pattern making in the fashion industry.
2. Learn how to digitize traditional paper patterns into digital formats for efficient storage and manipulation.
3. Acquire skills in drafting and manipulating patterns digitally, allowing for precise adjustments and variations.

VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Intermediate Pattern Development	7
2	Grading and Sizing	6
3	Digital Measurements and Sizing	6
4	Introduction to CAD for Pattern Making	6
5	Drafting Basic Patterns	5
	TOTAL	30

RESOURCE PERSONS

Dr. Shriprakash

Professor, Dept. of Mechanical Engineering, SU

Dr. Thomas Pinto

Professor, Dept. of Mechanical Engineering, SU

COURSE COORDINATOR

Mr. Santhosh. S

Assistant Professor, Dept. of Mechanical Engineering,
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
Surathkal, Mangalore – 574146 , INDIA

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Add on course on

Project Management for Interior Designers

Date : 4th to 8th October 2018



Organized by

Bachelor of Science - Interior Design

Institute of Hotel Management & Tourism



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COURSE OBJECTIVES

1. Provide students with a solid understanding of the foundational concepts and principles of ethics, particularly as they apply to the field of artificial intelligence.
2. Identify and explore the ethical challenges and dilemmas that arise in the development, deployment, and use of AI technologies.
3. Encourage students to critically analyze the social, economic, and cultural impacts of AI, considering both positive and negative consequences.

COURSE OUTCOMES

1. Students should be able to comprehend various ethical frameworks and theories relevant to AI development and deployment.
2. The ability to critically evaluate AI systems, identifying potential ethical issues, biases, and unintended consequences.
3. Familiarity with existing and emerging laws and regulations related to AI, ensuring responsible and lawful AI development.

VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Introduction to AI Ethics	7
2	Core Principles of AI Ethics	6
3	Ethical Considerations in AI Development	7
4	Social and Economic Impacts	5
5	Case Studies and Ethical Dilemmas	7
	TOTAL	32

RESOURCE PERSONS

Ms. Yogeetha Pai

Interior Designer, Mangalore

Mr. Subrath Saraf

Assistant Professor, Institute of Hotel Management & Tourism, SU

COURSE COORDINATOR

Mr. K.Sandliya

Assistant Professor, Institute of Hotel Management & Tourism

SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,

Surathkal, Mangalore – 574146 , INDIA

Mobile: 0824-2425966, mail:deanchmt@srinivasuniversity.edu.in

ABOUT THE INSTITUTION



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Presently, Srinivas University offers undergraduate, postgraduate, and research courses under 9 Faculties/Institutes with about 71 courses. The University made innovations in designing and starting new super speciality programmes both in UG, and PG level as per present and future industry relevance, innovations in examination system through focus on continuous evaluation and to make it foolproof. The University has established networking with many industries, universities, and Education service providers to substantially improve the quality and weightage of the courses and degrees respectively. Presently Srinivas University has Nine Institutes offering innovative industry oriented specialized courses of UG, PG, and Research levels. The Institutes are :

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- Institute of Education
- Institute of Nursing Science

Add on course on

Leadership and Management Skills

Date : 20th to 24th September 2018



Organized by

Bachelor of Commerce

Institute of Management & Commerce



ABOUT THE Department

The Institute of Management and Commerce earlier named as Srinivas Institute of Management Studies at Srinivas University is committed to provide a conducive learning environment which ensures comprehensive development of students and make them competent, confident and good citizens. Our programmes ensure a coherent degree structure which is well-rounded, thereby facilitating interdisciplinary training. We believe that interdisciplinary training is the way to go because the business environment is changing and as such programmes must be able to meet these changes. We are committed to the highest standards of academic excellence, quality, integrity, and professional ethics. It is our goal to provide our students with an academic and research background as well as a practical field experience that are key components to a successful career in today's' changing world. The Institute of Management and commerce believes in serious academic pursuit and encourages original and innovative thinking with regard to national and internationally relevant ideas and policies through intellectually stimulating debates and discussions at all levels. The college has built its reputation with a dedicated goal of adding value to life and professional standards.

COURSE OBJECTIVES

1. Provide students with a solid understanding of the foundational concepts and principles of ethics, particularly as they apply to the field of artificial intelligence.
2. Identify and explore the ethical challenges and dilemmas that arise in the development, deployment, and use of AI technologies.
3. Encourage students to critically analyze the social, economic, and cultural impacts of AI, considering both positive and negative consequences.

COURSE OUTCOMES

1. Students should be able to comprehend various ethical frameworks and theories relevant to AI development and deployment.
2. The ability to critically evaluate AI systems, identifying potential ethical issues, biases, and unintended consequences.
3. Familiarity with existing and emerging laws and regulations related to AI, ensuring responsible and lawful AI development.

VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Decision-Making and Problem Solving	7
2	Change Management	6
3	Ethics and Leadership	7
4	Leadership Development and Coaching	6
5	Future Trends in Leadership and Management	7
	TOTAL	33

RESOURCE PERSONS

Ms. Meghashree

Assistant Professor, Institute of Management & Commerce, SU

Ms. Kavyashri

Assistant Professor, Institute of Management & Commerce, SU

COURSE COORDINATOR

Ms. Yashwini Ail

Assistant Professor, Institute of Management & Commerce

SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,

Surathkal, Mangalore – 574146 , INDIA

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- Institute of Education
- Institute of Nursing Science

Add on course on

Data Analytics

Date : 10th to 14th September 2018



Organized by

Master of Commerce

Institute of Management & Commerce



ABOUT THE Department

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VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Personalization	7
2	Identify At-Risk Students	6
3	Adaptive Pathways	7
4	Student Engagement	7
5	Content Access and Usage	7
	TOTAL	34

RESOURCE PERSONS

Ms. Shailashree. V.T

Assistant Professor, Institute of Management & Commerce, SU

Mr. Nelson Pereira

Assistant Professor, Institute of Management & Commerce, SU

COURSE COORDINATOR

Mr. Sagar Srinivas

Assistant Professor, Institute of Management & Commerce,
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
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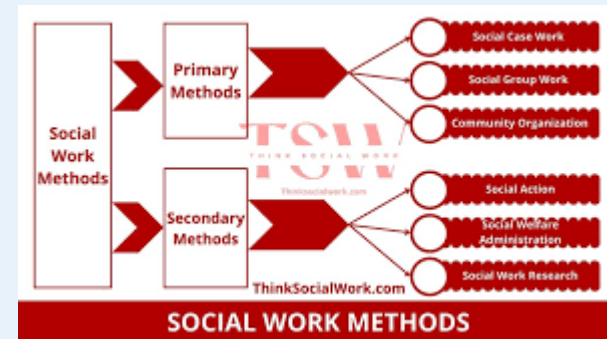
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- Institute of Physiotherapy
- Institute of Education
- Institute of Nursing Science

Add on course on

Social Work Research Methods

Date : 10th to 14th September 2018



Organized by

Master of Social Work

Institute of Social Science & Humanities



ABOUT THE Department

Man is not only a biological organism, but a social, psychological and spiritual individual responding to establish equilibrium with economic, political and cultural milieu around him. The Institute of Social Sciences and Humanities is envisioned to offer courses which would develop the students into socially sensitive individuals and responsible citizens focusing on man as the centre stage of all institutions that govern his social life.

The college was founded in the year 2001 with the introduction of Master of Social Work (MSW) two year post-graduate programme to prepare students for a career in professional social Work, to understand and apply theoretical frameworks and scientific orientation to inform assessment and guide practice interventions with individuals within the environment, across the lifespan, and at micro, mezzo and macro level. Along with this to prepare persons to recognize the influence of research and policy development, understand the structure, The College offers excellent learning atmosphere. Students are exposed to a variety of curricular, co-curricular and extra-curricular activities that transform them into dynamic change agents who are able to make a difference by their presence wherever they are. Students from different parts of the country and regions who enroll in the college make it truly inclusive and multi-cultural. The college promotes research in relevant fields of social science and offer Ph.D. programme in accordance with the regulations of the University.

COURSE OBJECTIVES

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COURSE OUTCOMES

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VENUE

Room No : Gallery Hall, IV floor

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Introduction to Social Work Research	7
2	Qualitative Research Methods	6
3	Definition and purpose of social work research	6
4	Selection of appropriate research design based on research questions.	7
5	Participant observation and ethnography.	7
	TOTAL	33

RESOURCE PERSONS

Dr. Loveena Demello

Professor, Institute of Social Science & Humanities, SU

Dr. Vidya

Assistant Professor, , Institute of Social Science & Humanities, SU

COURSE COORDINATOR

Mr. Pradeep. M.D

Assistant Professor, , Institute of Social Science & Humanities,
SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,
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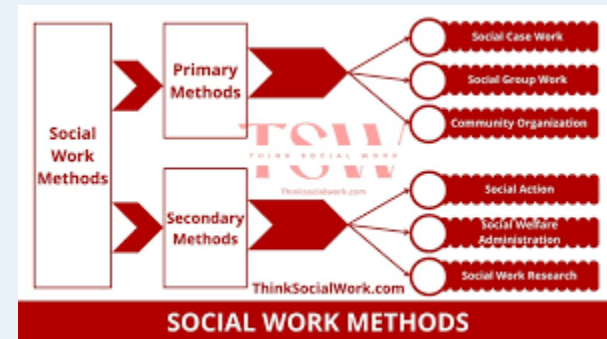
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- Institute of Education
- Institute of Nursing Science

Add on course on

Data Analytics and Business Intelligence

Date : 1st to 4th September 2018



Organized by

Bachelor of Computer Applications

Institute of Computer Science and Information Science



ABOUT THE Department

The Institute of COMPUTER SCIENCE AND INFORMATION SCIENCE is envisioned to offer courses which would build the students into enthusiastic quality professionals in the field of Computer Science and Information Technology. The College is located in the heart of Mangaluru city, connected with Central Railway Station offers excellent learning atmosphere. Students are exposed to a variety of curricular, co-curricular and extra-curricular activities that transform them into dynamic change agents who are able to make a difference by their presence wherever they are. Students from different parts of the country and regions who enroll in the college make it truly inclusive and multi-cultural. The college promotes research in relevant fields of Computer and Information Science, offer Ph.D. programme in accordance with the regulations of the University. Since 2005 the college is associated with several MNC's like Infosys Technology, WIPRO, IBM, Accenture Technology, TCS, Tech Mahindra, Diya Systems, Spameos Technology and many others in Placement activities. All out under graduate and post graduate students get good placement through college placement programme.

COURSE OBJECTIVES

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VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Data Cleaning and Transformation	7
2	Data Analysis Techniques	6
3	Prescriptive Analytics	6
4	Dashboard Design and Development	7
5	Customizing reports for different stakeholders	6
	TOTAL	32

RESOURCE PERSONS

Dr. Suma Bhat

Assistant Professor, Dept. of Computer Engineering, SU

Dr. Nagraj .A

Assistant Professor, Dept. of Computer Engineering, SU

COURSE COORDINATOR

Mr. Anantharama H

Assistant Professor, Dept. of Computer Engineering,

SRINIVAS UNIVERSITY, Srinivas Nagar, Mukka,

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Mobile: 0824-2425966, mail:deanengg@srinivasuniversity.edu.in

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- Institute of Education
- Institute of Nursing Science

Add on course on

Mobile Security in mobile app development

Date : 20th to 24th August 2018



Organized by

Master of Computer Applications

Institute of Computer Science and Information Science



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VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Common Mobile Security Threats	7
2	Secure Network Communication	5
3	Code and App Testing	6
4	Teach best practices for implementing strong user authentication	7
5	Data Encryption	5
	TOTAL	30

RESOURCE PERSONS

Mr. Sudindra Hebbar

Assistant Professor, Dept. of Computer Engineering, SU

Dr. Suma Bhat

Assistant Professor, Dept. of Computer Engineering, SU

COURSE COORDINATOR

Mr. Ajay Kaushik

Assistant Professor, Dept. of Computer Engineering,

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Add on course on

Ethics in AI

Date : 10th to 14th October 2018



Organized by

Bachelor of Technology - Computer Engineering

Institute of Engineering & Technology



ABOUT THE Department

Welcome to the Department of Computer Science and Engineering, where innovation meets excellence! Established in 2006, our department offers dynamic undergraduate (B.E. CSE) and postgraduate (M.Tech. CSE) programs.

With a strong focus on practical learning, our curriculum covers the latest advancements in computer science, including computer vision, machine learning, data mining, networking, and high-performance computing. Our dedicated faculty members, with their rich research experience, ensure top-class education that combines theoretical knowledge with real-world applications.

Equipped with state-of-the-art infrastructure and cutting-edge computing equipment, our students have access to high-speed Ethernet and wireless networks, empowering them to engage in hands-on experiments and projects.

COURSE OBJECTIVES

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VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Bias and Fairness	7
2	Transparency and Explainability	6
3	Privacy and Security	6
4	Accountability and Responsibility	5
5	Global Perspectives	6
	TOTAL	30

RESOURCE PERSONS

Prof. B.R Koshore

Professor, Dept. of Computer Engineering, SU

Ms. Rashmi. P.C

Assistant Professor, Dept. of Computer Engineering, SU

COURSE COORDINATOR

Mr. Anantharam H

Assistant Professor, Dept. of Computer Engineering,

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- Institute of Physiotherapy
- Institute of Education
- Institute of Nursing Science

Add on course on

Advanced Geotechnical Engineering

Date : 10th to 14th August 2018



Organized by

Civil Engineering

Institute of Engineering and Technology



ABOUT THE Department

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3. Familiarity with existing and emerging laws and regulations related to AI, ensuring responsible and lawful AI development.

VENUE

Room No : 001, Seminar Hall

COURSE CONTENTS

Day	Topic to be covered	No. of Hours
1	Deep Foundations	7
2	Retaining Structures	5
3	Stress-Strain Behavior of Rocks	6
4	Soil Stabilization	6
5	Geosynthetics in Geotechnical Engineering	7
	TOTAL	31

RESOURCE PERSONS

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