



Shree Rahul Education Society's (Regd.)


SHREE L. R. TIWARI COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)
NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified | DTE Code No. : 3423
Minority Status (Hindi Linguistic)

Brochure for Add on /Certificate/Value added programs for last five years

Sr. No	Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Year of offering
1	Structural and Architectural Aspects in Civil Engineering	2022 -2023
2	AWS Cloud	2022 -2023
6	Advanced Python for Mechanical Engineering	2022 -2023
7	Advanced Cybersecurity Malware Analysis	2022 -2023
8	Digital VLSI Design	2022-2023
9	Product Design and Development	2022-2023
10	5 G Communication	2022 -2023
11	Environmental Ethics	2022-2023
14	Game Asset Development using Blender	2022-2023
15	Machine Learning	2022-2023
16	Flutter	2022-2023
18	AWS Cloud	2021-2022
19	Internet of Things	2021-2022




PRINCIPAL
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).



Shree Rahul Education Society's (Regd.)


SHREE L. R. TIWARI COLLEGE OF ENGINEERING

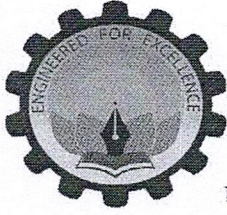
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Brochure for Add on /Certificate/Value added programs for last five years

Sr. No	Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Year of offering
23	Add on course "Drone Technologies"	2021-2022
24	Python for Mechanical Engineering	2021 - 2022
26	Value education on Self Development	2019-2020
27	Personality Development: Self-Discovery Intensive	2019-2020
28	Solid Works and Ansys	2019-2020
29	Integrity Engineering: Nurturing Values in Technology	2019-2020
30	Essentials of Dharma: Mindful Decision-Making	2019-2020
31	Value Education for Mind Control: Brainpower Enhancement	2019-2020
32	Robotics	2018-2019
33	Ethics in engineering & value education :AURA	2018-2019
34	Dharma-A Life of Integration	2018-2019
35	Basic Programming Using Pytrhon	2018-2019
36	Ethics in engineering and value education	2018-2019
37	Human Rights	2018-2019
38	Environmental Impact Assesment	2018-2019




PRINCIPAL
Shree L. R. Tiwari College of Engineering
Kanakya Park, Mira Road (E).



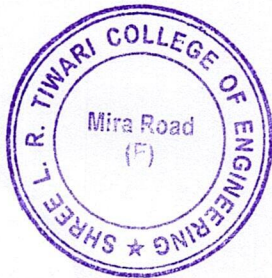
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Brochure for Add on /Certificate/Value added programs for last five years

Sr. No	Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Year of offering
39	Soft Skill Development	2018-2019
40	Internet of Things	2018-2019
41	Panchkosh	2018-2019
42	Value added education on mind control	2018-2019
43	Personality Development	2018-2019




PRINCIPAL
Shree L. R. Tiwari College of Engineering
Kamangya Park, Mira Road (E).

About SLRTCE & SKLTCOA

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

Smt. K. L Tiwari College of Architecture [SKLTCOA] offers a 5-year program i.e., Bachelor of Architecture. Smt. K. L Tiwari College of Architecture provides a platform to students to leverage their passion for designing and building. The college focuses on developing professional skills of students and empowers them to make the most of their knowledge and realize their full potential for the growth of the society.

About the Audit Course

As per NEP 2020, influence of technology on human endeavors is expected to erode the silos between technical education and other disciplines too. Technical education will, thus, aim to be offered within multidisciplinary education institutions and programmes and have a renewed focus on opportunities to engage deeply with other disciplines of all knowledge.

According to this perspective, Structural and Architectural aspects in Civil Engineering [CE] is jointly organized by Department of Civil Engineering of Shree L R Tiwari college of engineering [SLRTCE] & Smt. K. L. Tiwari College of Architecture [SKLTCOA] to give practical knowledge exposure to civil engineering and architectural students.

This audit course combines classroom instructions with hands-on labs on realistic building with structural considerations and a sustainability approach.

Details of Participants

- Third Year Students from Shree. L. R. Tiwari College of Engineering
- Third year Students from Smt. K.L. Tiwari College of Architecture

Audit Course Objectives

- To study soil as foundation material for construction.
- To understand the practical approach of design of structural members.
- To understand the codal provisions for design of RCC structures.
- To get a basic understanding of environmental issues with respect to the construction industry.
- To learn about the methods to reduce environmental impact.
- To understand the basics of what is green building/ sustainable development.

Audit Course Outcomes

Students will be able to understand the

- Design of residential building as IS 456:2000
- Architectural aspects of Green Building.

Regards

Dr. Deven Shah
Principal
SLRTCE

Prof. Ar. Rupali H. Gupte
Principal
SKLTCA

Dr. Ajit Patil
HOD, CE
SLRTCE

Dr. Umesh Bhadade
Vice – Principal
SLRTCE

Technical Committee and Instructors

Ms. Archana Mali, Course Coordinator, Assistant Professor, CE, SLRTCE

Prof. Ar. Vedvati Datar, Associate Professor, SKLTCA

Mr. Wasim Shaikh, Assistant Professor, CE, SLRTCE

Expert from Industry

Organizing Committee

Ms. Archana Mali, Course Coordinator, Assistant Professor, CE, SLRTCE

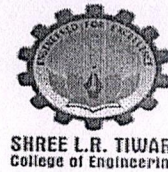
Prof. Ar. Manoj Parelkar, Professor, SKLTCA

Ms. Prajakta Mukadam, Assistant Professor, CE, SLRTCE

Contact Person

Dr. Ajit Patil
HOD, CE
SLRTCE
Contact No: 9922468860

Prof. Ar. Rupali H. Gupte
Principal
SKLTCA
Contact No: 9930401070



SHREE L.R. TIWARI
College of Engineering



Smt. K. L. Tiwari Education Society's
SMT. K.L. TIWARI
COLLEGE OF
ARCHITECTURE
Foundation of Excellence

It gives us immense pleasure to announce that

Shree Rahul Education Society's (Regd.) s SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road (East), Thane - 401107, Maharashtra, India
(Approved by AICTE & DTE, Maharashtra State
Affiliated to University of Mumbai)

NAAC Accredited | NBA Accredited Program ISO 9001:2015

Certified | DTE Code No. 3423

Minority Status (Hindi Linguistic)

Tel. No: 022-28120144/022-28120145 |

Email: slrtce@rahuleducation.com |

Website: www.slrtce.in

Department of Civil Engineering SLRTCE

&

Smt. K. L. Tiwari College of Architecture SKLTCOA

Kanakia Park, Mira Road (East), Thane - 401107, Maharashtra, India
(Approved by Council of Architecture,
New Delhi & DTE, Maharashtra State
Affiliated to University of Mumbai)

DTE Code No. AR 3484

Tel. No: 8007916355

Email: skltcoa@gmail.com |

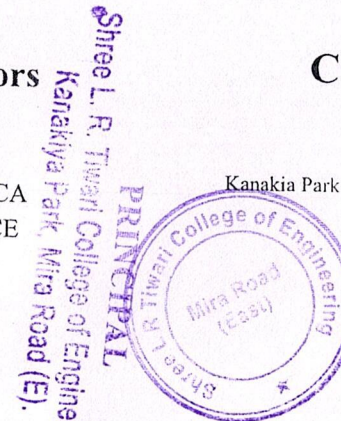
Website: www.skltca.in

Jointly Organized Audit Course

on

" Structural and Architectural aspects
in Civil Engineering "

17th JANUARY 2023



About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

About the Add On Course

Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud, offering over 200 fully featured services from data centers globally. Millions of customers including the fastest-growing startups, largest enterprises, and leading government agencies are using AWS to lower costs, become more agile, and innovate faster.

AWS has significantly more services, and more features within those services, than any other cloud provider—from infrastructure technologies like compute, storage, and databases—to emerging technologies, such as machine learning and artificial intelligence, data lakes and analytics, and Internet of Things. This makes it faster, easier, and more cost effective to move your existing applications to the cloud and build nearly anything you can imagine.

AWS also has the deepest functionality within those services. For example, AWS offers the widest variety of databases that are purpose-built for different types of applications so you can choose the right tool for the job to get the best cost and performance.

PRINCIPAL

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).

Details of Participants

Students from Shree. L. R. Tiwari College of Engineering.

Add On Objectives

The student shall be able to

- Satisfy the security requirements for the military, global banks, and other high-sensitivity organizations.
- Ability to encrypt that data.
- Understand the fundamentals of AWS cloud and AWS pricing philosophy.

Add On Outcomes

The student shall be able to

- Apply a knowledge of how to create VPC by using Amazon Virtual Private Cloud.
- Gain the importance of AWS database services.
- Responsibilities relevant to professional engineering practice.
- Cultivation of trust and cooperation in team building Developing effectiveness and self-management.

Regards

Dr .Deven Shah
Principal
SLRTCE

Mrs, Neelam Phadnis
HOD(CS)
SLRTCE

Details of Speaker

Mr. Pravin Jangid, (Assistant Professor, CS)
Mrs Sonali Padalkar (Assistant Professor, EXTC)
Mrs.Shweta Padman (Assistant Professor, EXTC)

Contact Person

Mr. Pravin Jangid
Course Co-ordinator
Assistant Professor
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Mrs, Neelam Phadnis
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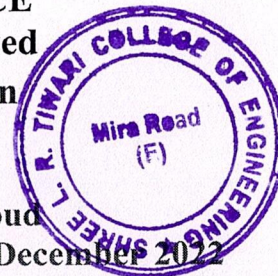
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Email: slrtce@rahuleducation.com |
Website: www.slrtce.in

Department of Computer
Engineering
SLRTCE
Organized

Add On
On

AWS Cloud

8th December to 15th December 2022



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About SLRTCE

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About the Course

These course objectives intertwine advanced Python programming with graphical user interface development, highlighting the practical applications of each concept in the realm of mechanical engineering. By linking programming skills to tasks such as FEA, CFD, simulations, and decision support, students gain a holistic understanding of how advanced Python techniques are integrated into real-world engineering scenarios.

Details of Participants

Students of second year and third year from Department of Mechanical Engineering (MECH), Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. Introduction to Python Programming
2. Numerical Methods and GUI Integration

3. Parallel and Concurrent Programming
Engineering Simulations
4. Machine Learning for Engineering
Decision-Making
5. Advanced Data Visualization with GUI
Reporting

Course Outcomes

The student shall be able to

1. Mastery of Advanced Python Concepts.
2. Integration of Numerical Methods with GUI
3. Optimized Parallel and Concurrent Programming
4. Application of Machine Learning in Engineering
5. Advanced Data Visualization and GUI Reporting Skills.

Regards

Dr. Deven Shah
Principal
SLRTCE

Details of Speaker

Mr. Ninad Mahadeshwar
Assistant Professor
MECH
SLRTCE

Contact Person

Mr. Manish Rane
HOD & Course
Coordinator
Assistant Professor
MECH, SLRTCE
manish.rane@slrtce.in



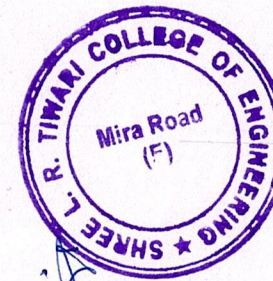
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Shree L. R. Tiwari College of Engineering
Kanakia Park, Mira Road (E).

**Department of Mechanical
Engineering
SLRTCE
Organized
Bridge Course
on**

**“Advanced Python for
Mechanical Engineering”
12th December to 24th December 2022**

About SLRTCE

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About the Course

This intensive 30-hour course is designed to deepen understanding of malware behavior, reverse engineering, and advanced threat detection.

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. To better understand how malware operates so you can use that information to detect and stop threats.
2. Figure out how much damage an intrusion caused.
3. To identify who may have installed malware inside the system.
4. To determine the attack's & level of sophistication.
5. To pinpoint the exact vulnerability the malware exploited to access the system.

Course Outcomes

The student shall be able to

1. To understand Malware Analysis.
2. To understand Basic Analysis and creation of Malwares .
3. To Implement Fundamentals of Operational security.
4. To Demonstrate Environment and Analysis Setup.

Regards

Dr. Deven Shah
Principal
SLRTCE

Ms. Neelam Phadnis
HOD (CS)
SLRTCE

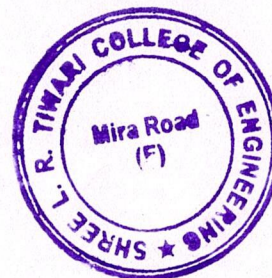
Details of Speaker

Mr. Rajesh Gaikwad,
Assistant Professor
Computer Engineering
SLRTCE
Mira Road(E)

Contact Person

Mr Rajesh Gaikwad
Departmental
Course Coordinator
Assistant Professor
CS ,SLRTCE
rajesh.gaikwad@slrtce.in


PRINCIPAL
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).



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Department of Computer
Engineering
SLRTCE
Organized

Add-on Course
On
ADVANCED CYBERSECURITY
MALWARE ANALYSIS
26th June 2023 to 1st July 2023



About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

About the Course

This intensive 30-hour course is designed to deepen understanding of malware behavior, reverse engineering, and advanced threat detection.

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. To learn the concepts on VLSI Design, System, On chip design, ASIC and FPGA design Flow, Digital Electronics & verilog HDL which will be highly required to start an industry standard protocol based project.

Course Outcomes

The student shall be able to

1. Know various tools and processes used in VLSI Design.
2. Explain working of various CMOS combinational and sequential circuits used in VLSI Design.
3. Design, simulate, and verify CMOS circuit for given specifications.

Regards

Dr. Deven Shah
Principal
SLRTCE

Ms. Manjiri Gogate
HOD (ECS)
SLRTCE

Details of Speaker
ECS Faculty Members

Contact Person
Ms. Khushbu Tikhe
Course Coordinator
Assistant Professor
ECS, SLRTCE
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Website: www.slrtce.in

**Department of Electronics and
computer Science**

SLRTCE

Organized

Add-on Course

On

Digital VLSI Design

8th December to 14th December 2022

About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

About the Course

To equip students in the field of electronics and telecommunication with the knowledge and skills required for effective product design and development. In today's rapidly evolving technological landscape, the ability to innovate and bring new products to market is crucial.

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. Learn the concepts of Product Design and Development.
2. Use various tools to develop products.
3. Use Creativity, design thinking and the design process to bring new ideas, products, experiences and value to companies, communities and people.
4. The product design's learning outcomes are student centered that include skills, abilities, knowledge and values.

Course Outcomes

The student shall be able to

1. Identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics.
2. Competence with a set of tools and methods for product design and development.
3. Confidence in your own abilities to create a new product.
4. Ability to coordinate multiple, interdisciplinary tasks in order to achieve a common objective.

Regards

Dr. Deven Shah
Principal
SLRTCE

Ms. Manjiri Gogate
HOD (ECS)
SLRTCE

PRINCIPAL

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).

Details of Speaker ECS Faculty Members

Contact Person
Ms. Khushbu Tikhe
Course Coordinator
Assistant Professor
ECS, SLRTCE
kushbu.tikhe@slrtce.in



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Website: www.slrtce.in

**Department of Electronics and
computer Science**
SLRTCE
Organized
Add-on Course
On

Product Design and Development
16th June to 21st December 2023

About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics and Telecommunication from the University of Mumbai.

About the Add on Course

5G Communication is a systematic course organized by the Department of Electronics and Telecommunication Engineering to introduce basic concepts of communication to the students and make them aware about 5G Technology. The sessions will start with Basics of Communication and cover various topics like Concepts of Wireless Communication and evolution of Cellular communication from 1G to 4G. The comparative study of 1G to 4G will be discussed. Then concepts and 3GPP standards of 5G were introduced. Hands-on training on Matlab will be given to understand various concepts of 5G.

Details of Participants

Students from Department of Electronics and Telecommunications Engineering, Shree. L. R. Tiwari College of Engineering

Add on Course Objectives

The student shall be able to

- Understand the basic working of a 5G communication system.
- Apply the basic knowledge of communication to implement applications of 5G.

Add on Course Outcomes

The student shall be able to

- Introduction to 5G
- Architecture of 5G
- Simulation of basic building blocks of 5G

Regards

Dr. Deven Shah
Principal
SLRTCE

Mrs. Aboli Moharil
HOD (EXTC)
SLRTCE

Details of Speaker

Faculties of EXTC Department

Mira road (E)

Contact Person

Mrs. Aparna Majare
Course Coordinator
Assistant Professor
EXTC Department,
SLRTCE
aparana.majare@slrtce.in

Mrs. Shruti Patil
Course Coordinator
Assistant Professor
EXTC Department,
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ii

Mrs. Aboli Moharil
HOD (EXTC),
SLRTCE
aboli.moharil@slrtce.in

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Website: www.slrtce.in

Department of Electronics and
Telecommunications Engineering
SLRTCE

Organized

Add on Course
On
5G Communication

1st December to 7th December 2022



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About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

About the Course

This intensive 30-hour course delves into the ethical considerations surrounding environmental practices and policies. The course emphasizes the importance of ethical audits in evaluating and improving environmental practices across various sectors.

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. To understand the concept of environmental ethics in engineering.
2. To realize the significance of nature in life.
3. To indoctrinate environmental ethics education in our students so that they remain committed to professional responsibilities relevant to nature.

PRINCIPAL

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).

4. To address graduate attributes 6,7,8,9,10 related to professional engineering practice, sustainability, ethics, teamwork and communication.

5. To inculcate qualities like cooperation and team building to function effectively as an individual and as a member in teams and multidisciplinary settings.

Course Outcomes

The student shall be able to apply the knowledge to conserve and nurture environmental resources.

Regards

Dr. Deven Shah
Principal
SLRTCE

Details of Speaker

Mr. Sameer Paleja, Sr. Journalist,
Chitrlekha magazine, Mumbai

Ardip V Rathod, Project head keshav
Shrishthi Bhayander

Mr. Rajesh Ananat Kadam, HOD Spiritual
care, Bhaktivedanta Hospital, Mira road

Contact Person

Ms. Dipali Bhole
Audit Course
Coordinator
Assistant Professor
CS, SLRTCE
dipali.bhole@slrtce.in



SHREE L.R. TIWARI
College of Engineering

It gives us immense pleasure
to announce that

Shree Rahul Education Society's
(Regd.) s

SHREE L. R. TIWARI
COLLEGE OF ENGINEERING
(SLRTCE)

Kanakia Park, Mira Road (East),
Thane - 401107. Maharashtra, India
(Approved by AICTE & DTE, Maharashtra State
Affiliated to University of Mumbai)
DTE Code No. 3423
Minority Status (Hindi Linguistic)
Tel. No: 022-28120144/022-28120145 |
Email: slrtce@rahuleducation.com |
Website: www.slrtce.in

SLRTCE
Organized
Audit Course
On
Environmental Ethics
August to October 2022



About SLRTCE

Shree L. R. Tiwari College of Engineering [SLRTCE] (NAAC Accredited | NBA Accredited Program), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of B.E from the University of Mumbai and also offers M.E. in Computer Engineering and Electronics & Telecommunication from the University of Mumbai.

About the Course

Game asset development using Blender involves creating 3D models, textures, animations, and other elements that are essential for integrating into a game. Blender is a powerful and versatile open-source 3D content creation suite that is widely used for game development due to its extensive feature set and the fact that it's free to use.

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. understand the basic concepts of gaming software.
2. Understand the concept of machine learning.
3. Understand the 3D based game modeling.

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Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).

Course Outcomes

The student shall be able to

1. Understand and apply the basic concepts of the gaming aspect.
2. Apply machine learning technology.
3. Apply and evaluate knowledge for the contribution to 3D game modeling applications.

Regards

Dr. Deven Shah
Principal
SLRTCE

Ms. Roopali Lolage
HOD (IT)
SLRTCE

Details of Speaker

Mr. Manthan Joshi, Course Coordinator
Assistant Professor, IT, SLRTCE

Mrs. bhushana thakur, Assistant Professor,
IT, SLRTCE

Contact Person

Mr. Mr. Manthan joshi
Course Coordinator
Assistant Professor
IT, SLRTCE
manthan.joshi@slrtce.in



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Department of Information
Technology
SLRTCE
Organized
Add-on Course

On
GAME ASSET DEVELOPMENT
USING BLENDER
19th June 2023 to 23rd June 2023



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About SLRTCE

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About the Course

The add-on course on Machine Learning was conducted by the Information Technology Department which focused on providing a solid foundation in Machine Learning Technology

Details of Participants

Students of Shree. L. R. Tiwari College of Engineering (SLRTCE).

Course Objectives

The student shall be able to

1. Provide a fundamental understanding of what machine learning is and its basic concepts, algorithms, and applications.
2. Cover data cleaning, data normalization, feature engineering, and data transformation techniques to prepare data for machine learning tasks.
3. Develop problem-solving skills by working on complex machine learning challenges and projects.
4. Help students communicate their findings and machine learning insights effectively, both in writing and through presentations.

Course Outcomes

The student shall be able to

1. Understand the fundamental concepts of machine learning, including supervised learning, unsupervised learning, and reinforcement learning.
2. Implement and use a variety of machine learning algorithms and techniques, such as linear regression, decision trees, support vector machines, clustering, and neural networks.
3. Develop problem-solving skills by working on machine learning projects and applying their knowledge to real-world challenges

Regards

Dr. Deven Shah
Principal
SLRTCE

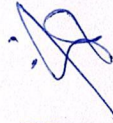
Ms. Roopali Lolage
HOD (IT)
SLRTCE

Details of Speaker

Ms. Rupali Pashte
Course Coordinator
Assistant Professor
IT ,SLRTCE

Contact Person

Ms. Rupali Pashte
Course Coordinator
Assistant Professor
IT ,SLRTCE
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Department of Information
Technology
SLRTCE
Organized
Add-on Course
On

“Machine Learning”
12th December to 16th December 2022

About SLRTCE

Shree L. R. Tiwari College of Engineering (ISO certified, NAAC accredited, NBA accredited), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of Bachelor of Engineering (B.E.) from the University of Mumbai and also offers Master of Engineering (M.E.) in Computer Engineering and Electronics & Telecommunication. All courses are approved by the All India Council for Technical Education (AICTE), New Delhi & Directorate of Technical Education (DTE), Maharashtra State.

About the Add on Course

Flutter is a free and open-source mobile UI framework created by Google and released in May 2017. In a few words, it allows you to create a native mobile application with only one codebase. This means that you can use one programming language and one codebase to create two different apps (for iOS and Android). Flutter consists of two important parts: An SDK (Software Development Kit): A collection of tools that are going to help you develop your applications. This includes tools to compile your code into native machine code (code for iOS and Android). A Framework (UI Library based on widgets): A collection of reusable UI elements (buttons, text inputs, sliders, and so on) that you can personalize for your own needs. To develop with Flutter, you will use a programming language called Dart. The language was created by Google in October 2011, but it has improved a lot over the past years.

Dart focuses on front-end development, and you can use it to create mobile and web applications. If you know a bit of programming, Dart is a typed object programming language. You can compare Dart's syntax to JavaScript

Details of Participants

Students from the Department of Computer Engineering, Shree. L. R. Tiwari College of Engineering.

Add on Course Objectives

1. To create web apps for browsers as well as native programs for Windows, Linux and macOS.
2. To create interactive apps that can be run on web pages or on the desktop
3. to improve developer productivity

Add on Course Outcomes

1. Focusing on specific areas such as advanced UI/UX design, animations, and platform-specific functionalities.
2. Exploring various state management solutions for efficient data handling.
3. Understanding how to integrate external APIs and web services into Flutter applications.

Regards

Dr. Deven Shah Ms. Neelam Phadnis
Principal, SLRTCE HOD(CS), SLRTCE

Details of Speaker

Mr. Narendra Bhati
Iskon Member
Mira Road(E)

Contact Person

Ms. Neelam Phadnis Mr. Pravin Jangid
HOD(CS), SLRTCE Course Coordinator



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Department of Computer
Engineering
SLRTCE
Organized
Add on Course
On
"Flutter"
26th June to 1st July 2023

