

Academic Year 2019-20



Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Sira Road, Tumakuru - 572 106, Karnataka.

Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: <http://www.shrideviengineering.org>

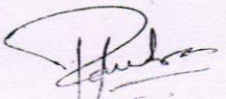


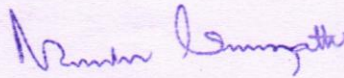
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

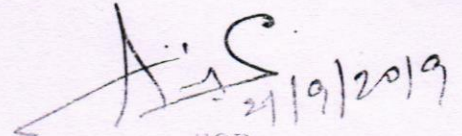
Date: 21/9/2019

Circular

It is hereby informed to all 7th semester students that the "FPGA BASED VL DESIGN" training course from "28th September 2019 to 20th October 2019" will be conducted all students are informed to attend the training course without fail.


Coordinator


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21/9/2019
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EDUCATION

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Ref: SIET/EC/2019-20/01

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

APPROVAL LETTER

To,
The Principal,
SIET, Tumakuru

Respected Sir,

Sub: - Approval for Organizing Students Training Program on "FPGA BASED VLSI DESIGN"-Reg.

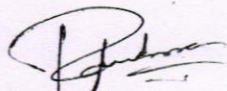
With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planned to organize Student Training Program on "FPGA BASED VLSI DESIGN" from "28th September 2019 to 20 October 2019" for 7th semester Electronics & communication engineering students.

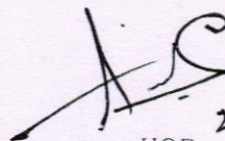
Kindly consider the above request and approve the same for further proceedings.

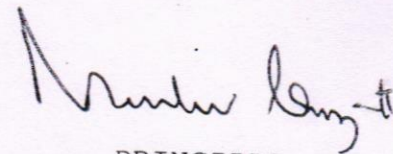
Thanking you

Date: 21/9/2019

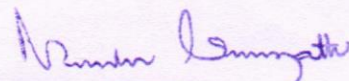
Place: SIET, Tumakuru.


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24/9/2019
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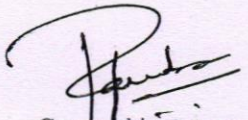

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

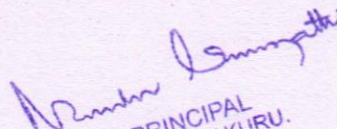
Date: 10/10/2019

Circular

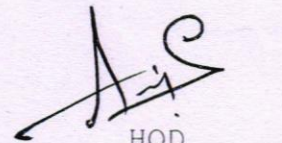
It is hereby informed to all 7th semester students that the "ARM Processors" training course from "18th November 2019 to 24th November 2019" will be conducted all students are informed to attend the training course without fail.



Coordinator



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Ref: SIET/EC/2019-20/01

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

APPROVAL LETTER

To,
The Principal,
SIET, Tumakuru

Respected Sir,

Subject: - Approval for Organizing Students Training Program on "ARM Processors"-Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planned to organize Student Training Program on "ARM Processors" from "18th November 2019 to 24th November 2019" for 7th semester Electronics & communication engineering students.

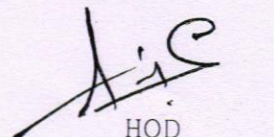
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Thanking you

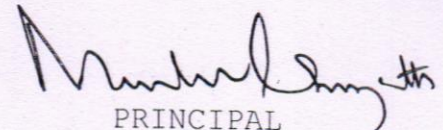
Date: 10/10/2019

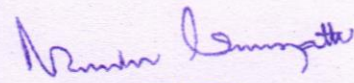
Place: SIET, Tumakuru.


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DEPARTMENT OF CIVIL ENGINEERING

Date: 27-01-2020

CIRCULAR

Department of Civil Engineering, SIET in association with CASD DESK, Tumkur is conducting software programmes related to Civil Engineering.

All students of Civil Engineering are hereby informed to attend as per the schedule below:

Sem	Software Name	Duration
IV	Google Sketchup	1 st Feb 2020 to 10 th March 2020
VI	Revit Architecture and Structure	1 st Feb 2020 to 10 th March 2020
VIII	SAFE	1 st Feb 2020 to 10 th March 2020

Venue:

IV SEM: CivilCAD LAB, Time: 4:30pm to 6:00pm

VI SEM: MechanicalCAD LAB, Time: 4:30pm to 6:00pm

IV SEM: CS LAB, Time: 4:30pm to 6:00pm

N. Srinivas
PRINCIPAL
SIET., TUMAKURU.

G. Mahesh Kumar
Dr. G Mahesh Kumar
(HOD)
HOD
Dept. of Civil Engineering
SIET, TUMKUR - 6.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30-01-2020

CIRCULAR

Department of Computer Science and Engineering is organizing a 6 days Certification course on "DevOps"

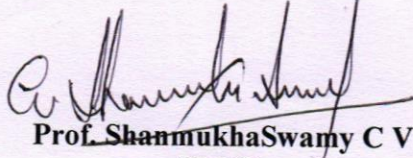
All course registered students of Computer science are hereby informed to attend the course as per the schedule below:

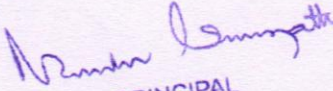
Course Name	Duration
DevOps	1 st Feb 2020 to 16th Feb 2020 (Weekends)

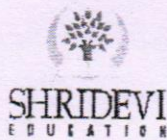
Venue:

CSE Seminar Hall, Time: 9:00am to 5:00pm


Staff Incharge


Prof. ShanmukhaSwamy C V
(HOD)
HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.


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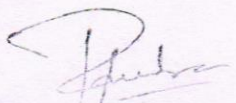
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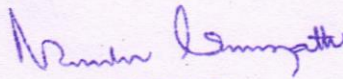
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

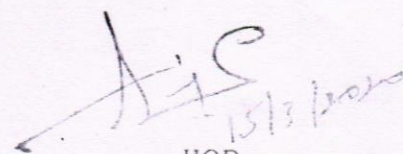
Date: 15/3/2020

Circular

It is hereby informed to all 8th semester students that the "ASIC BASED VLSI DESIGN" training course from "21st March 2020 to 5th April 2020" will be conducted all students are informed to attend the training course without fail.


Coordinator


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SIET, Tumkur-6

Ref: SIET/EC/2019-20/02

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

APPROVAL LETTER

To,
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SIET, Tumakuru

Respected Sir,

Sub: - Approval for Organizing Students Training Program on "ASIC BASED VLSI DESIGN"-Reg.

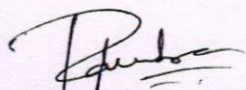
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Kindly consider the above request and approve the same for further proceedings.

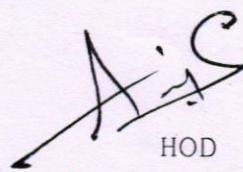
Thanking you

Date: 15/3/2020

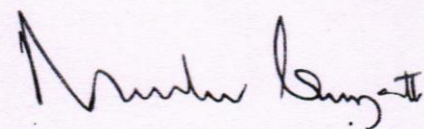
Place: SIET, Tumakuru.



Coordinator

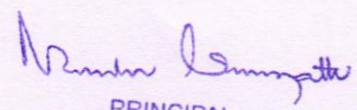


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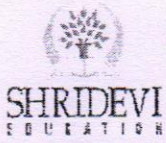


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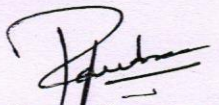


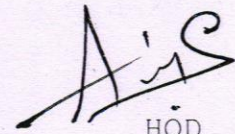
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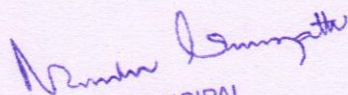
Date: 11/5/2020

Circular

It is hereby informed to all 8th semester students that the "Network and Security Administration" training course from "18th May 2020 to 24th May 2020" will be conducted all students are informed to attend the training course without fail.


Coordinator


HOD
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Ref: SIET/EC/2019-20/02

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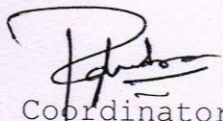
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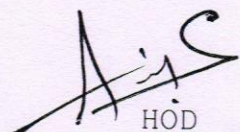
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Date: 11/5/2020

Place: SIET, Tumakuru.

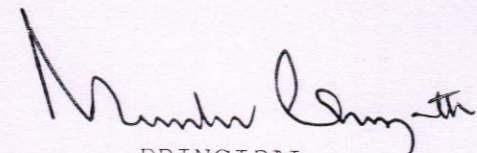


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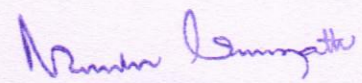


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DevOps MCQ Practice Test Questions and Answer

1. Identify the tool for DevOps?

1. Nagios
2. Jenkins
3. Monit
4. All of the above

Answer: All of the above

2. What are the requirements to become a DevOps Engineer?

1. Fluency in web languages like Ruby, Python, PHP or Java
2. Interpersonal skills that help you communicate and collaborate across teams and roles
3. Experience with infrastructure automation tools like Chef, Puppet, Ansible, SaltStack or Windows PowerShell DSC
4. All of the above

Answer: All of the above

3. Which of the following key component of DevOps?

1. Continuous Delivery
2. Continuous Testing
3. Continuous Integration
4. All of the above

Answer: All of the above

4. Which of the following type of Version Control Systems?

1. Local Version Control Systems
2. Distributed Version Control System
3. Centralized Version Control Systems
4. All of the above

Answer: All of the above

5. What do you mean by telemetry?

1. Telemetry is a widely known SaaS tool to plan and execute DevOps projects
2. Telemetry is the process of recording the behaviour of your systems.
3. Telemetry is a communication tool used by DevOps teams at geographically distributed locations
4. None of these

Answer: Telemetry is the process of recording the behaviour of your systems.

6. Which of the following isn't a goal of NewOps?

Nandhu Kumar
PRINCIPAL
SIET, TUMKUR.



1. Integrating different operations teams like storage, network, server etc. by removing silos and be aligned with business
2. Serving as an interface between cloud providers and customers.
3. By automating operations, remove the need for human competencies.
4. None of these

Answer: By automating operations, remove the need for human competencies.

7. What do you mean by trunk in trunk based DevOps delivery?

1. Trunk is the process of merging code in DevOps deliveries.
2. Developers collaborate on code in a single branch called "trunk".
3. Trunk is a special private branch in a developer workstation.
4. None of these

Answer: Developers collaborate on code in a single branch called "trunk".

8. Which of the following statements defines Feature flags?

1. Feature flags define which parts of an app are deployed during the build process
2. Feature flags define the capabilities for various versions of an application
3. Feature flags are placeholders for future functionality for an app
4. Feature flags allow you to show or hide features in an app

Answer: Feature flags allow you to show or hide features in an app

9. Identify the methodologies does least impact the establishment of DevOps methodology?

1. Waterfall Software Delivery
2. Lean Manufacturing
3. Continuous Software Delivery
4. Agile Software Delivery

Answer: Waterfall Software Delivery

10. How does DevOps impact security of an application or machine?

1. Security is increased because of the automation process
2. Security is increased by including it earlier in the process
3. Security is reduced because of the automation process
4. Both 1 & 2

Answer: Both 1 & 2

11. What is DevOps?

1. A small team of people that own everything related to a particular service
2. Developers performing operations
3. Developers and Operations team members working together

Nandha Kumar
PRINCIPAL

4. None of above

Answer: A small team of people that own everything related to a particular service

12. What is trunk in trunk based devops delivery

1. Developers collaborate on code in a single branch called trunk
2. Trunk is a special source code version controlling system which stores mission critical special projects of your DevOps organization
3. Trunk is a special private branch in a developer workstation
4. Trunk is the process of merging code in DevOps deliveries

Answer: Developers collaborate on code in a single branch called trunk

13. Which of the following is not a feature of continuous delivery ?

1. Automate Everything
2. Continuous Improvement
3. Bug fixes and experiments
4. Gathering Requirement

Answer: Gathering Requirement

14. What are the Business advantages of DevOps?

1. less stable operating environments
2. Faster delivery of features
3. More time available to add value
4. Both 1 & 2

Answer: Both 1 & 2

15. Who is known as the father of DevOps?

1. Liam Debois
2. Patrick Debois
3. Walter Dandy
4. None of these

Answer: Patrick Debois

16. What is the use of Git?

1. Version Control System tool
2. Continuous Integration tool
3. Containerization tool
4. Continuous Monitoring tool

Answer: Version Control System tool


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17. Which of the following DevOps practice supports The First Way?

1. Value Stream Mapping
2. Blameless postmortems
3. Shared On-call Rotation
4. Improvement Kata

Answer: Value Stream Mapping

18. When does testing occur in a DevOps environment?

1. after development but before release
2. during development and after release
3. only after release
4. only during development

Answer: during development and after release

19. Which of the following is not a part of Develops life cycle _____

1. Code
2. Plan
3. Build
4. Operating

Answer: Operating

20. What is one of best techniques to convert normal changes into standard changes?

1. Negotiate with release managers
2. Use your track record of successful automated deployments with standard changes
3. Publicly complain about bureaucracy and make everyone be aware of it
4. None of these

Answer: Use your track record of successful automated deployments with standard changes

21. What do you mean by DevOps?

1. Developers taking over all Operations tasks.
2. The collaboration and communication of both software developers and other information-technology (IT) professional while automating the process of software delivery and infrastructure changes
3. Automating the process of software delivery and infrastructure changes
4. None of these

Answer: The collaboration and communication of both software developers and other information-technology (IT) professional while automating the process of software delivery and infrastructure changes

Nanda Kumar
PRINCIPAL
SIFT, TUMKUR.

22. Which of the following goal of The Second Way?

1. Increasing flow
2. Mastery through practice
3. Shortening feedback loops
4. Experimentation and learning

Answer: Shortening feedback loops

23. What is the use of Jenkins ?

1. Continuous Monitoring tool
2. Continuous Integration tool
3. Version Control System tool
4. Continuous Testing tool

Answer: Continuous Integration tool

24. Devops stand for?

1. Drive and Operations
2. Digital and Operation
3. Development And Operations
4. None of these

Answer: Development And Operations

25. What are the PRIMARY stakeholders for DevOps?

1. Design Engineers
2. Quality Assurance
3. Testers
4. All of the above

Answer: All of the above

26. Identify the correct set of DevOps values?

1. Culture, Automation, Lean, Metrics, Sharing
2. Culture, Collaboration, Communication, Sharing
3. Culture, Automation, Lean, Measurement, Sharing
4. All of the above

Answer: Culture, Automation, Lean, Measurement, Sharing

27. DevOps culture is about _____ between Dev and Ops

1. Speed
2. Collaboration
3. Stability


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4. None

Answer: Collaboration

28. Ansible is a?

1. Configuration Management and Deployment tools
2. Configuration Deployment tools
3. Continuous Integration tool
4. Continuous Monitoring tool

Answer: Configuration Management and Deployment tools

29. Mention some of the useful plugins in Jenkin _____

1. Copy artifact
2. HTML publisher
3. All of the above
4. None of the above

Answer: All of the above

30. Your company is planning to host resources in the AWS Cloud. They want to use services which can be used to decouple resources hosted on the cloud. Which of the following services can help fulfill this requirement

1. AWS EBS Volumes
2. AWS SQS
3. AWS Glacier
4. AWS EBS Snapshots

Answer: AWS SQS

Nandhu Kumar
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