



Shri Vithal Education & Research Institute's

## COLLEGE OF ENGINEERING, PANDHARPUR

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)  
Tel.: 02186-216063, 9503103757, E-mail: [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Web: [www.sveri.ac.in](http://www.sveri.ac.in)  
(Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)  
NBA Accredited all eligible UG Programmes, NAAC Accredited Institute, Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune. ISO 9001-2015 Certified Institute

Date: 28/12/2020

### A Brief Report on

### AICTE sponsored one Week Short Term Training Program (STTP)

**Event Details:** AICTE sponsored one Week Short Term Training Program (STTP) on  
"Blockchain in DevOps: Implementing Transparent Continuous Delivery".

#### AICTE References

1. AICTE STTP Sanction letter reference number: Ref. No. 34-65/8/RIFD/STTP/Policy-1/2018-19
2. Revised letter Eg1-information of AICTE approved institutes which have received grants for conducting STTPs/FDPs under AQIS 2018-19 on 25<sup>th</sup> June 2020.

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#### Mode

STTP conducted online mode through Google meet in three (03) Slots.

#### Objectives




1. To develop the research based activities in DevOps & Blockchain to address gaps recognized through the project based learning.
2. To provide better understanding of the function of Blockchain & DevOps as a method of securing distributed ledgers ,how consensus on their contents is achieved, and the new applications that they enable
3. It covers the technological underpinnings of Blockchain operations as distributed data structures and decision making systems, their functionality and different architecture types.
4. To Understand SDLC with DevOps.
5. It provides a critical evaluation of existing "smart contract" capabilities and platforms, and examines their future directions, opportunities, risks and challenges.





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## Information Boucher:

<p><b>Patrons</b> <b>Dr. B. P. Ronge</b> PRINCIPAL, College of Engineering, Pandharpur.</p> <p><b>Convener</b> <b>Dr. P. M. Pawar</b> DEAN ACADEMICS, HOD CIVIL, College of Engineering, Pandharpur.</p> <p><b>Head of Department</b> <b>Dr. B. C. Melinamath</b> Professor, HOD CSE Dept. College of Engineering, Pandharpur.</p> <p><b>Coordinator</b> <b>Dr. S. S. Apaté</b> Professor, CSE Dept. College of Engineering, Pandharpur.</p> <p><b>Co-Coordinator</b> <b>Dr. S. B. Thigale</b> Associate Professor CSE Dept. COE, Pandharpur.</p> <p><b>Prof. V. D. Jadhav</b> Asst. Professor CSE Dept. COE, Pandharpur</p> <p>SVERI's College of Engineering, Pandharpur. Phone- 9545553888, 9545553737 Toll free: 180030004131 Pin: 413304 Website: <a href="http://www.sveri.ac.in">www.sveri.ac.in</a></p>  <p>Shri Vitthal Education and Research Institute's College of Engineering, Pandharpur.</p>	<p><b>Why Blockchain in DevOps?</b> To increase business agility, most companies are adopting Bimodal DevOps processes. Almost uniformly, all of them are finding it difficult to delegate duties. At present, Segregation of Duties (SoD) policies are one of the key obstacles to faster transformation. Due to blockchains' intrinsic traits, Bimodal DevOps processes implemented on a blockchain will inherently enable a transparent SoD compliance, increasing an organization's delivery efficiency and agility.</p> <p>Blockchain -a peer to peer network that sits on top of a internet -was introduced in October 2008 as part of a proposal for Bitcoin. DevOps is a culture that emphasizes collaboration and communication between Development and operations team. This would make software delivery more transparent, which would in turn improve software quality and reliability. Application delivery status and formation about software problems could be viewed instantly by anyone over the blockchain, providing a much greater deal of visibility into the continuous delivery process.</p> <p><b>Objectives:</b> 1. To understand the structure of a Blockchain and why when it is better than a simple distributed database. 2. To analyze the incentive structure in a Blockchain based system and critically assess its functions, benefits and vulnerabilities. 3. To understand the benefits of DevOps to the business and IT operations. 4. To be able to understand the automation practices in deployment pipelines 5. To implement DevOps in Blockchain apps. 6. To experience Hands-on session and create an end-to-end business flow.</p> <p><b>Outcomes:</b> 1. Process the In-demand market skills to play an active role in Blockchain revolution. 2. Understand the key features, different types of platforms and languages of Blockchain technology. 3. Know how to launch Blockchain in single node.</p> <p><b>CONTACT US</b></p> <table border="0"> <tr> <td><b>Prof. S. A. Shegdar</b> <a href="mailto:sashegdar@coe.sveri.ac.in">sashegdar@coe.sveri.ac.in</a> 8600452729</td> <td><b>Prof. P. G. Gulkwad</b> <a href="mailto:pgulkwad@coe.sveri.ac.in">pgulkwad@coe.sveri.ac.in</a> 7057516903</td> </tr> <tr> <td><b>Prof. N. N. Salvitthal</b> <a href="mailto:nnsalvitthal@coe.sveri.ac.in">nnsalvitthal@coe.sveri.ac.in</a> 9423241507</td> <td><b>Prof. N. M. Maske</b> <a href="mailto:nmmaske@coe.sveri.ac.in">nmmaske@coe.sveri.ac.in</a> 7220805643</td> </tr> </table>	<b>Prof. S. A. Shegdar</b> <a href="mailto:sashegdar@coe.sveri.ac.in">sashegdar@coe.sveri.ac.in</a> 8600452729	<b>Prof. P. G. Gulkwad</b> <a href="mailto:pgulkwad@coe.sveri.ac.in">pgulkwad@coe.sveri.ac.in</a> 7057516903	<b>Prof. N. N. Salvitthal</b> <a href="mailto:nnsalvitthal@coe.sveri.ac.in">nnsalvitthal@coe.sveri.ac.in</a> 9423241507	<b>Prof. N. M. Maske</b> <a href="mailto:nmmaske@coe.sveri.ac.in">nmmaske@coe.sveri.ac.in</a> 7220805643	<p> Shri Vitthal Education &amp; Research Institute's COLLEGE OF ENGINEERING PANDHARPUR P.B. No. 54 Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413 304, Dist- Solapur (Maharashtra)</p> <p></p> <p><b>AICTE Sponsored One Week Short Term Training Programme (STTP)</b> <b>Organized by Department of Computer Science &amp; Engineering</b> <b>On Blockchain in DevOps: Implementing Transparent Continuous Delivery Under AICTE Quality Improvement Scheme (AQIS)</b></p> <p>1. Dates: 03<sup>rd</sup> - 08<sup>th</sup> August, 2020 Reg. Link: <a href="https://forms.gle/7ia3nkVqssvifLYz">https://forms.gle/7ia3nkVqssvifLYz</a> 2. Dates: 24<sup>th</sup> - 29<sup>th</sup> August, 2020 Reg. Link: <a href="https://forms.gle/Sv8KCKramisLB1VN8">https://forms.gle/Sv8KCKramisLB1VN8</a> 3. Date: 07<sup>th</sup> - 12<sup>th</sup> Sept., 2020 Reg. Link: <a href="https://forms.gle/CpQqkPyhg4YKq6gP7">https://forms.gle/CpQqkPyhg4YKq6gP7</a></p>
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<b>Prof. N. N. Salvitthal</b> <a href="mailto:nnsalvitthal@coe.sveri.ac.in">nnsalvitthal@coe.sveri.ac.in</a> 9423241507	<b>Prof. N. M. Maske</b> <a href="mailto:nmmaske@coe.sveri.ac.in">nmmaske@coe.sveri.ac.in</a> 7220805643					

<p><b>ABOUT US</b></p> <p>Shri Vitthal Education and Research Institute, a charitable trust, embarked on its first ambitious project and established an Engineering College at Pandharpur with the approval from AICTE, New Delhi and Government of Maharashtra. The engineering College is an A grade institution and accredited by NBA, an ISO certified Institution and is accredited by Institution of Engineers (India), Kolkata.</p> <p>To continue with the development process, SVERI has started B-Pharmacy and D-Pharmacy courses from the academic year 2006-07 and College of Engineering Polytechnic from the academic year 2008-09. SVERI's College of Pharmacy &amp; Polytechnic is accredited by NBA in year 2019-20.</p> <p><b>Salient Features</b></p> <ul style="list-style-type: none"> <li>• Tradition of maintaining excellent results with many University rank holders.</li> <li>• Enterprising faculty members with doctorate and master degree.</li> <li>• Excellent Academic discipline and regular interaction with Parents.</li> <li>• Financial support is given to students (Earn and Learn Scheme)</li> <li>• SVERI campus is with NKN facility.</li> <li>• Digital library with eBooks and e-journals from IEEE and ASME.</li> <li>• College has 90+ percentage of placement in reputed companies.</li> </ul>	<p><b>ABOUT DEPARTMENT:</b></p> <p>Computer Science and Engineering Department is well equipped with high speed computers with latest operating system such as Windows, Ubuntu. Department has 7 labs along with 300+ computers and all the laboratories are connected with high speed LAN having 1GBps leased line for uninterrupted internet Facility. The HP and Dell Power Edge server with Xeon Processor and hot swap SCSI drive servers are available for different type of online and offline services. CSE department has 95+ percentage of Placement record for last academic year.</p> <p>Along with all the required facilities, we have also made available the major software's such as Oracle, MS SQL Server, Visual Studio.NET, Novell Netware. Our Department Library includes various manuals and special books on computer science, and latest GATE books which helps students and faculties for day-to-day referencing</p> <p><b>Resource Speakers</b></p> <table border="0"> <tr> <td><b>Mr. Atul Marathe</b> Industry Expert</td> <td><b>Mr. Ashok Ranade</b> Program Advisor (Blockchain), Canada</td> </tr> <tr> <td><b>Ms. Kiran Vidya</b> Industry Expert</td> <td><b>Mr. Prakash Deshmukh</b> Industry Expert</td> </tr> </table> <p>And many more from Renowned Academic and Industry background.</p> <p><b>How to Apply:</b> Online Registration link and or offline prescribed form has to be filled by individual with institute heads signature and college stamp.</p> <p><b>No Registration Fee. Only first Max 40 Registrations will be considered.</b></p>	<b>Mr. Atul Marathe</b> Industry Expert	<b>Mr. Ashok Ranade</b> Program Advisor (Blockchain), Canada	<b>Ms. Kiran Vidya</b> Industry Expert	<b>Mr. Prakash Deshmukh</b> Industry Expert	<p> Shri Vitthal Education &amp; Research Institute's COLLEGE OF ENGINEERING PANDHARPUR P.B. No. 54 Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413 304, Dist- Solapur (Maharashtra)</p> <p></p> <p><b>AICTE Sponsored One Week Short Term Training Programme</b> <b>On Blockchain in DevOps: Implementing Transparent Continuous Delivery Under AICTE Quality Improvement Scheme (AQIS)</b></p> <p>1. Dates: 03<sup>rd</sup> - 08<sup>th</sup> August, 2020 Reg. Link: <a href="https://forms.gle/7ia3nkVqssvifLYz">https://forms.gle/7ia3nkVqssvifLYz</a> 2. Dates: 24<sup>th</sup> - 29<sup>th</sup> August, 2020 Reg. Link: <a href="https://forms.gle/Sv8KCKramisLB1VN8">https://forms.gle/Sv8KCKramisLB1VN8</a> 3. Dates: 07<sup>th</sup> - 12<sup>th</sup> Sept., 2020 Reg. Link: <a href="https://forms.gle/CpQqkPyhg4YKq6gP7">https://forms.gle/CpQqkPyhg4YKq6gP7</a></p> <p><b>Registration Form</b></p> <p>Applicant Name: _____</p> <p>Designation: _____</p> <p>Department: _____</p> <p>Qualification: _____</p> <p>Participants Organization: _____</p> <p>Email ID (Institute): _____</p> <p>Contact No: _____</p> <p>Signature of the Applicant _____ Signature of authority with seal _____</p>
<b>Mr. Atul Marathe</b> Industry Expert	<b>Mr. Ashok Ranade</b> Program Advisor (Blockchain), Canada					
<b>Ms. Kiran Vidya</b> Industry Expert	<b>Mr. Prakash Deshmukh</b> Industry Expert					



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### Mentors / Resource Persons:

1. Mr.Ashok Ranade (B.E.IIT Bombay)  
George Brown College Program Advisor Canada, Blockchain Developer Certificate.
2. Mr.Atul Marathe (B.E.IIT Bombay)  
Technical Vice-president, Persistent Systems, Pune.
3. Mr.Praksh Deshmukh (B.E. CoE,Pune)  
DevOps Competency Lead, IBM Pune.
4. Mr.Kiran Vaidya(MCA Pune University,Pune)  
Management Consultant Toronto Hydro- Canada
5. Mr. Edward Buchi (Certified Blockchain Professional)  
Co-Founder & Director, Bitcoin Bay Corp. Canada
6. Mr.Ishan Srivastava (Visiting Faculty BVCA, Beijing China )  
Professor, FenTech / Seneca College, Canada.
7. Mr.Antonie De Vuyst (Software Engineer)  
Senior Blockchain Developer @ Bitcoin Bay Corp, Canada

### Contest/ Syllabus:

#### Session 1 Topic: Introduction to DevOps, Demos

Resource person Name: Mr. Prakash Deshmukh      Timing: 10.00 AM to 12.00 PM

Session 2 Topic: Block chain Tech evolution, Importance of Cryptos for Web 3.0, Basic features of currencies, Tokens and digital assets College campus cash

Resource person Name: Mr. Atul Marathe      Timing: 02.00 pm to 04.00 pm

#### Session 3 Topic: CI - Software Configuration Management

Resource person Name: Mr. Prakash Deshmukh      Timing: 10.00 AM to 12.00 PM

Session 4 Topic: Block Structure Encryption properties Public and Private keys Consensus Algorithms BCT technical characteristics

Resource person Name: Mr. Atul Marathe      Timing: 04.30 PM to 06.30 PM

Session 5 Topic: Block Structure Encryption properties Public and Private keys Consensus Algorithms BCT technical characteristics

Resource person Name: Mr. Atul Marathe      Timing: 02.00 PM to 04.00 PM

#### Session 6 Topic: DevOps Demonstrations, tools and Configuration

Resource person Name: Mr. Antoine De Vuyst

Senior Blockchain Developer, Bitcoin Bay Corp,Canada      Timing: 05.00 PM to 07.00 PM

#### Session 7 Topic: Continuous Deployment & Release Management

Resource person Name: Mr. Prakash Deshmukh (IBM,Pune)      Timing: 10.00 AM to 12.00 PM

#### Session 8 Topic: Hyperledger Platform

Resource person Name: Mr. Atul Marathe      Timing: 05.00 PM to 06.00 PM

#### Session 9 Topic: FinTech Applications

Resource person Name: Prof. Ishaan, Seneca College Cannada      Timing: 06.00 PM to 07.00 PM

#### Session 10 Topic: Continuous Testing & Test Automation (DevOps)

Resource person Name: Mr. Prakash Deshmukh      Timing: 10.00 AM to 12.00 PM

#### Session 11 Topic: Startup opportunities in Blockchain Sector

Resource person Name: Mr.Kiran Vaidya's (Canada)      Timing: 05.00 PM to 06.00 PM

#### Session 12 Topic: Community, Hackathons and Bounties

Resource person Name: Mr.Edward Buchi (Director,Bitcoin Bay,Canada)      Timing: 06.00 PM to 07.00 PM

Session 13      1.Online Quiz MCQ on DevOps      2.Online Quiz on Blockchain Technology

Session 14 Topic: Blockchain Technology and Startup Opportunity Projects (An Interactive Session)



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**Resource person Name:** Mr. Ashok Ranade (Canada) **Timing:** 05.00 PM to 05.30 PM

**Session 15 Topic:** Valedictory Ceremony

**All Resource Person (Canada & Indian Team)** and AICTE Representative **Timing:** 05.30 PM to 07.00 PM

### Slot Details

#### Slot-01:

Date: 04/08/2020 to 09/08/2020

No. of Participates=50

Mode: online through Google meet ()

Certificate Distribution: Last Day Online quiz conducted who scored 60% and above are considered for certificate with 80% attendance.

What's app group created with respective participant's where all information, course material Shared. Daily Quiz and Final Quiz Conducted.

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#### Slot-02:

Date: 14/09/2020 to 19/09/2020

No. of Participates=85

Mode: online through Google meet ()

Certificate Distribution: Last Day Online quiz conducted who scored 60% and above are considered for certificate with 80% attendance.

What's app group created with respective participant's where all information, course material Shared. Daily Quiz and Final Quiz Conducted.

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#### Slot-03:

Date: 19/12/2020 to 24/12/2020

No. of Participates=80

Mode: online through Google meet ()

Certificate Distribution: Last Day Online quiz conducted who scored 60% and above are considered for certificate with 80% attendance.

What's app group created with respective participant's where all information, course material Shared. Daily Quiz and Final Quiz Conducted.

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### Publicity:

Dear Sir/ Madam,

We take immense pleasure in announcing that "SVERI's College of Engineering, Pandharpur (Department of Computer Science & Engineering)" is organizing an "AICTE Sponsored" one Week online Short Term Training Programme (STTP) on "Blockchain in DevOps: Implementing Transparent Continuous Delivery" as a phased manner from "03/08/2020 to 08/08/2020" (Phase I), "24/08/2020 to 29/08/2020" (Phase II), "07/09/2020 to 12/09/2020" (Phase III).

The faculty can register anyone of the STTP of their suitable time slot.

"Slot 1: Registration Link:" <https://forms.gle/7ia3nkVqssvjfLYy7>

"Slot 2: Registration Link:" <https://forms.gle/SvBKCXramisLB1VN8>

"Slot 3: Registration Link:" <https://forms.gle/CpQqkPyhg4YK6gP7>

Note:

"1. Limited seats are available"

"2. No Registration Fee"

For more details, connect with:

Prof. P. G. Gaikwad

M. No.: (+91) 7057516903 (what'sApp)

Email id: [pggaikwad@coe.sveri.ac.in](mailto:pggaikwad@coe.sveri.ac.in)

Dr.Somnath B.Thigale

M.No. +91-9970158565

Email id: [sbthigale@coe.sveri.ac.in](mailto:sbthigale@coe.sveri.ac.in)

### Outcomes:

1. All participant's learned basics about DevOps, Blockchain Technology.
2. Hands on exposure with DevOps & BCT an emerging technology.
3. Exposure about International Hackthon from Bitcoin Bay, Canada.
4. Signed MoU between SVERI & Fintech Canada.

### Learning for the organizing such events in future:

- This STTP Program has opened new paths for faculty to investigate innovative ways to assess the emerging trends in Technology in dynamic and collaborative setting.
- Organizing such programs is an essential step to achieve new targets & make a mark in the Technological Research at a Global level.
- This STTP Program has shown higher horizons in the field of Research with BCT & DevOps.



**SWOT Analysis:**

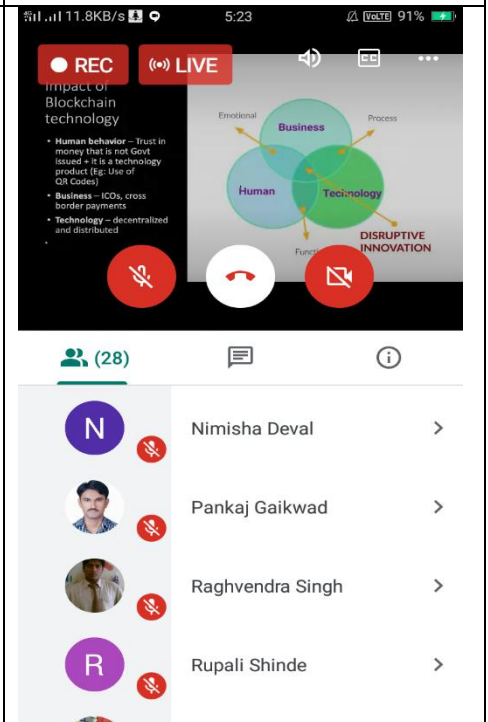
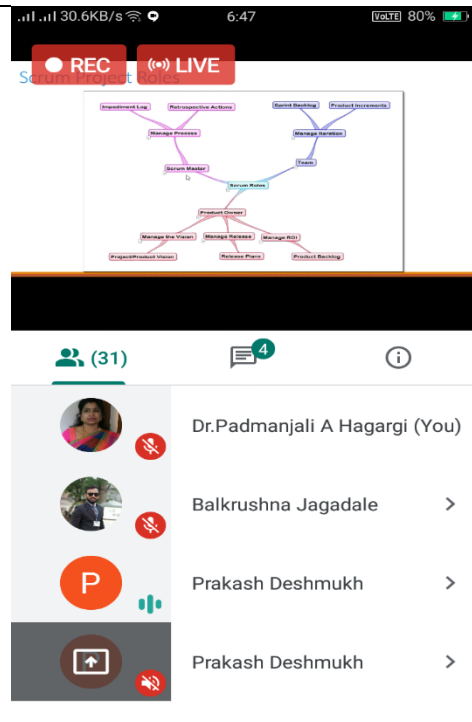
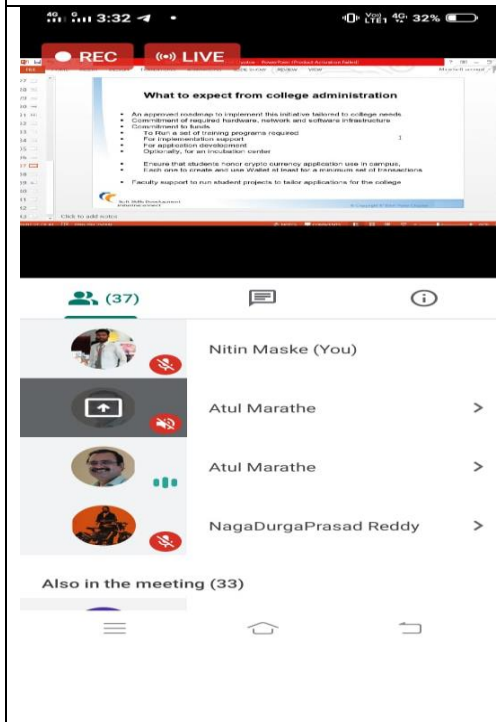
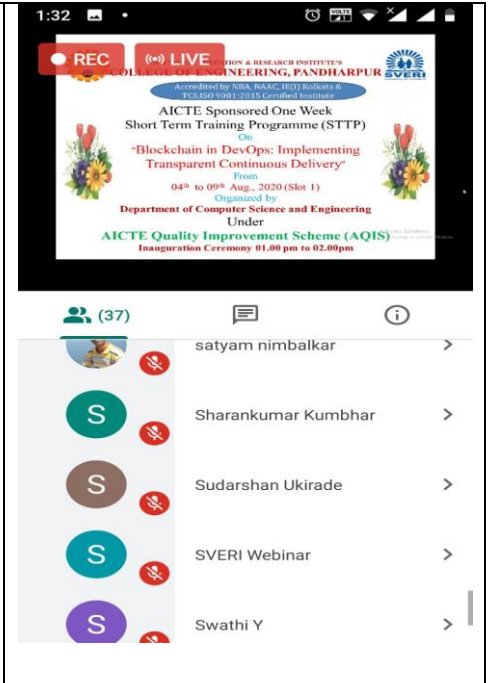
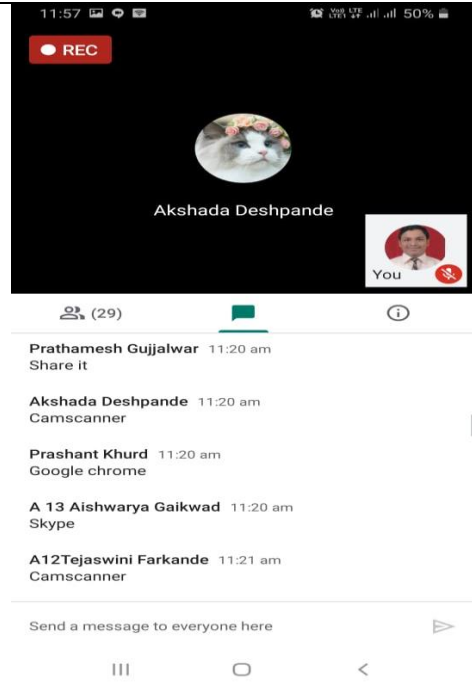
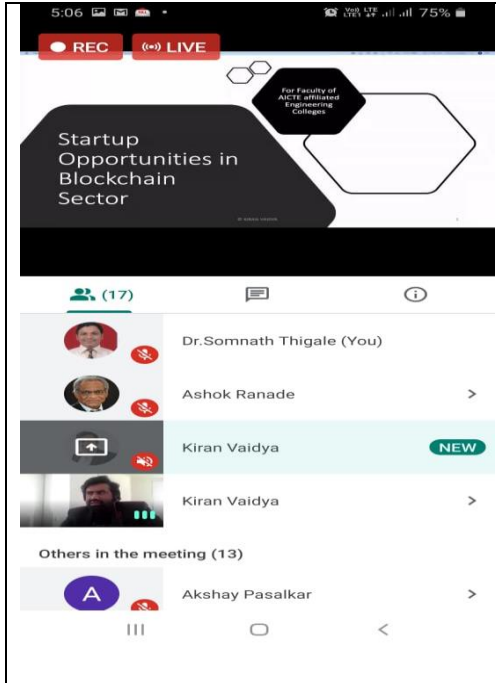
Sr. No.	Strength	Weakness	Opportunity	Threat
1	Arranged the program successfully.  Shows leadership qualities, managerial skills and team work of FDP team.	--	The videos can be used to conduct institute FDP to understand DevOps, Blockchain Technology.	Due to parallel activity all faculty members couldnot attend the program.
2	Effective Delivery of all sessions.	--	For all the faculty members to understand the practical implementation of various technical aspects in the SDLC with DevOps, Use of BCT.	Less number of interactive sessions from participation.
3	The theme for the program was already conveyed to all resourse persons and they also focus on the same.	--	The course was focused to so very good material is created related to theme which can be used in future.	--
4	Time management was very good. All sessions were conducted as per schedule.	--	--	--
5.	Theme of the program was new and was not covered before.	--	Since the theme was new we can upload the videos of the program on YOUTUBE.	Getting the speakers on the theme was difficult as the topic was new.
6.	All sessions were conducted by experts from India and Canada.	--	--	--



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## Glimpse of the sessions:





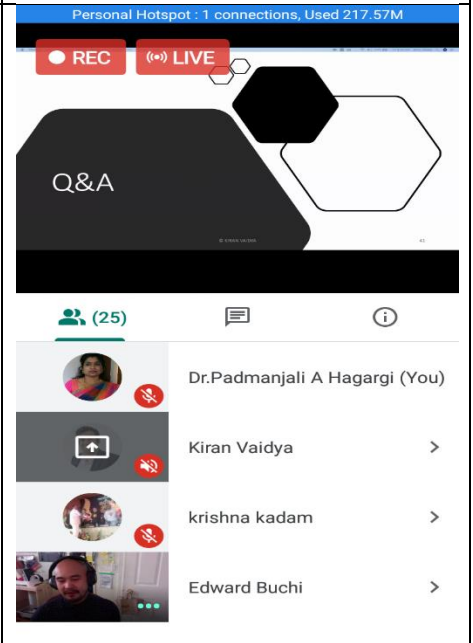
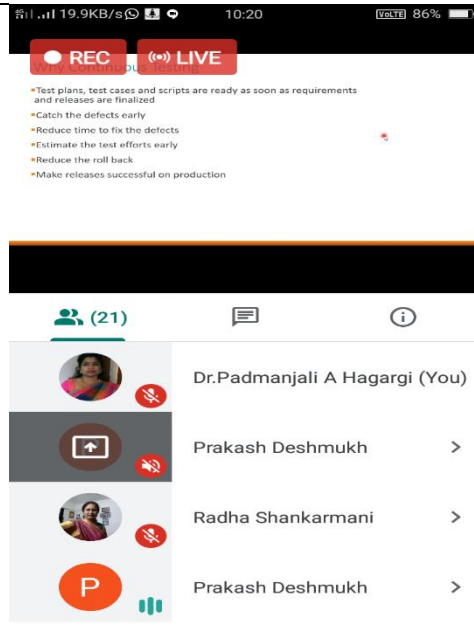
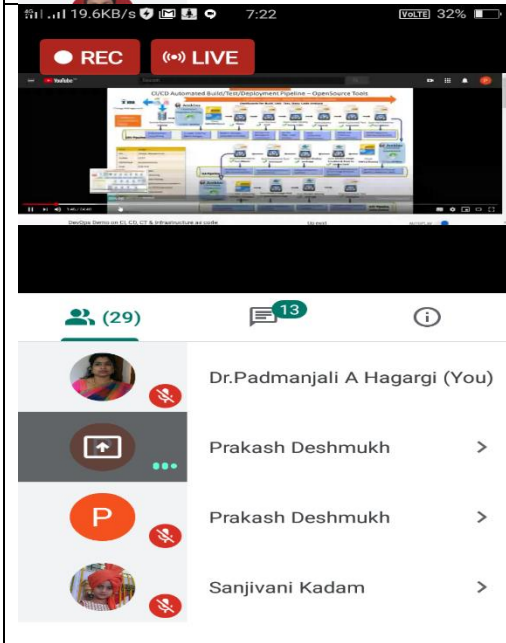
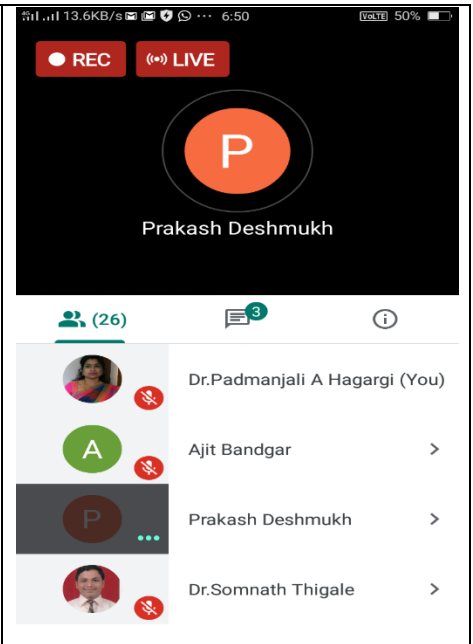
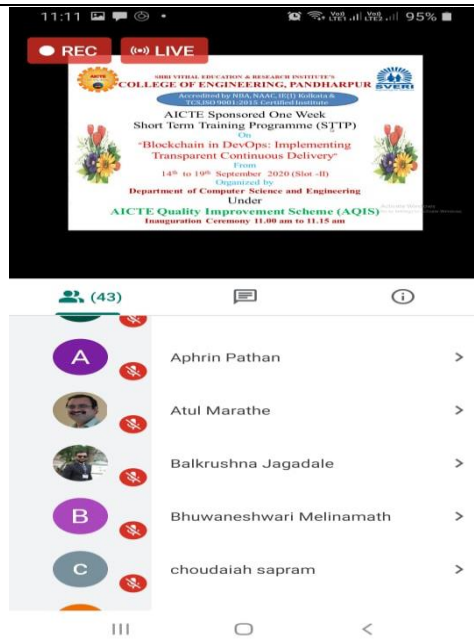
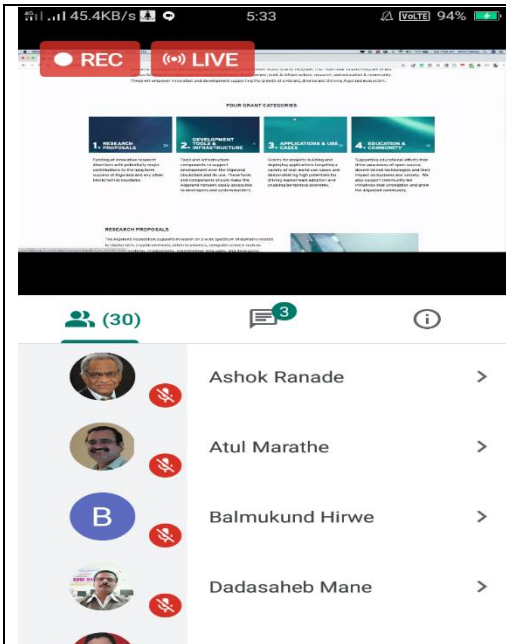
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# Shri Vithal Education & Research Institute's COLLEGE OF ENGINEERING, PANDHARPUR

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)  
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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
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AICTE Sponsored One Week  
Short Term Training Programme (STTP)  
On  
"Blockchain in DevOps: Implementing  
Transparent Continuous Delivery"  
From  
19<sup>th</sup> to 24<sup>th</sup> December 2020 (Slot-III)  
Organized by  
Department of Computer Science and Engineering  
Under  
AICTE Quality Improvement Scheme (AQIS)

15:36 100%  
REC

Block Chain Technology (BCT)  
- Business Application Needs

Faculty: Atul Marathe

Dr.Somnath Thigale left

You K.Ram 16 others

REC

Deployment Requirements

- Automated, consistent deployments and rollbacks of applications.
- Orchestration of changes across servers, tiers and components
- Configuration and security differences across environments
- Clear visibility: what is deployed where and who changed what
- Integrated with middleware, provisioning and service virtualization

Automation

Prakash Deshmukh  
SVERI Webinar joined

You Prakash Dr.Somnath 16 others

REC

Antoine De Vuyst

You Dr.Somnath Antoine 12 others

REC

Release Policy

1. Roles & Responsibilities
2. Levels of Authority
3. Identification & Packaging
4. Release unit - fullcode
5. Release numbering
6. Release frequency
7. Emergency change
8. Business critical tiers & risks

Trupti Dhumal left

You Prakash Dr.Somnath 20 others

REC

Smrutiranjana Nayak joined

You Prakash 18 others



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REC

Prakash Deshmukh

A You, P Prakash, 17 others

12:12 32%

REC

Rupali Shinde and 1 more have joined

A You, D Dhanalak..., Dr.Somnath, S 35 others

REC

Atul Marathe

A You, 10 others

REC

Yogesh Garge left

A You, Dr.Padma..., 11 others



**Sample Certificates:**



**College of Engineering, Pandharpur**  
 All UG Eligible Programs are Accredited by NBA, NAAC and Institute of Engineers(INDIA), ISO 9001:2015 Certified Institute  
 Department of Computer Science and Engineering

**Certificate of Participation**  
**Dr M Naveen Kumar**

From  
**Telangana University**  
 Working as  
**System Administrator**

**has attended One Week Online Short Term Training Program (STTP) entitled "Blockchain in DevOps: Implementing Transparent Continuous Delivery" under AICTE Quality Improvement Scheme(AQIS) from 19<sup>th</sup> Dec. to 24<sup>th</sup> Dec, 2020 Organized by Department of Computer Science and Engineering, SVERI's College of Engineering Pandharpur, Maharashtra. (Ref. No. 34-65/8/RIFD/STTP/Policy-1/2018-19 dated 12/12/2019 and revised letter received on 25/06/2020)**

(Prof. V. D. Jadhav)  
Coordinator

(Dr. S. B. Thigale)  
Coordinator

(Dr. B. C. Melinamath)  
HOD

(Dr. S. S. Apte)  
Convener

(Dr. B. P. Ronje)  
Principal



**College of Engineering, Pandharpur**  
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 Department of Computer Science and Engineering

**Certificate of Participation**  
**Vinay Shivajirao Nalawade**

From  
**S. B. Patil College of Engineering**  
 Working as  
**Assistant Professor**

**has attended One Week Online Short Term Training Program (STTP) entitled "Blockchain in DevOps: Implementing Transparent Continuous Delivery" under AICTE Quality Improvement Scheme(AQIS) from 14<sup>th</sup> Sept to 19<sup>th</sup> Sept, 2020 Organized by Department of Computer Science and Engineering, SVERI's College of Engineering Pandharpur, Maharashtra. (Ref. No. 34-65/8/RIFD/STTP/Policy-1/2018-19 dated 12/12/2019 and revised letter received on 25/06/2020)**

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(Dr. B. P. Ronje)  
Principal

**Media Coverage:**

**दामाजी एक्सप्रेस**  
 दि. १२ जानेवारी २०२१

**स्वेरी इंजिनिअरिंगमध्ये 'शॉर्ट टर्म ट्रेनिंग प्रोग्राम फॉर फॅकल्टी डेव्हलपमेंट' संपन्न**



**हॅलो प्रभात**  
 दि. १२ जानेवारी २०२१

**स्वेरी इंजिनिअरिंगमध्ये 'शॉर्ट टर्म ट्रेनिंग प्रोग्राम फॉर फॅकल्टी डेव्हलपमेंट'**



**जनमत**

दि. १२ जानेवारी २०२१

**स्वेरी इंजिनिअरिंगमध्ये 'शॉर्ट टर्म ट्रेनिंग प्रोग्राम फॉर फॅकल्टी डेव्हलपमेंट' संपन्न**

पंढरपूर, दि. ११ (प्रतिनिधी) - गोपालपूर (ता.पंढरपूर) येथील स्वेरी संचलित कॉलेज ऑफ इंजिनिअरिंगमध्ये कॉम्प्युटर सायन्स अँड इंजिनिअरिंग या विभागाकडून कोरोनाव्या पार्श्वभूमीवर लॉकडाऊनच्या कालावधी पासून ते मागील महिन्यापर्यंतच्या कालावधीमध्ये 'ब्लॉक चेन इन डेवऑप्स इम्प्लीमेंटिंग ट्रान्स्पारंट कॅन्टीन्यूज डिलिवरी' या विषयावर आयसीटीई प्रायोजित ऑनलाईन 'शॉर्ट टर्म ट्रेनिंग प्रोग्राम फॉर फॅकल्टी डेव्हलपमेंट' संपन्न झाला.

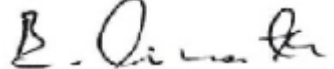
जगभरातील संगणक क्षेत्रातील तंत्रज्ञानाच्या बदलत्या प्रवाहानुसार आपल्या महाविद्यालयातील प्राध्यापक वर्ग देखील अद्यावत असणे गरजेचे असते. 'ब्लॉकचेन इन डेवऑप्स' हे तंत्रज्ञान सर्वापर्यंत पोहोचवण्याच्या दृष्टिकोनातून ही आयसीटीई प्रायोजित कार्यशाळा स्वेरी संचलित कॉलेज ऑफ इंजिनिअरिंगमध्ये कॉम्प्युटर सायन्स या विभागाकडून आयोजित करण्यात आली होती. स्वेरी विविध बौद्धिक उपकरणांसाठी नेहमीच प्रोत्साहन देत असते आणि त्या दृष्टीने स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी.रोणे यांच्या मार्गदर्शनाखाली व संगणक अभियांत्रिकी विभागप्रमुख डॉ. पुनेश्वरी तसेच समन्वयक डॉ. एस. एस. आपटे, डॉ. एस.बी. टिगळे, प्रा. खंडे. डी. जाधव व प्रा. पी. जी. गायकवाड यांच्या नेतृत्वाखाली हा ऑनलाईन 'फॅकल्टी डेव्हलपमेंट प्रोग्राम' संपन्न झाला. या कार्यशाळेमध्ये देशभरातील विविध आयसीटीई मान्यता प्राप्त असणाऱ्या विविध अभियांत्रिकी महाविद्यालयांच्या प्राध्यापकांनी उत्पुस्तक सहाय्य प्राप्त झाली. या कार्यशाळेसाठी मार्गदर्शक व प्रमुख वक्ते आयसीटीईचे प्रतिनिधी कर्नल बी. व्यंकट, कॅनडा येथील अशोक रानडे, किरण वैद्य, ईशान श्रीवास्तव, एडवर्ड, अँटोनी तसेच पुणे येथील परसिस्टंटचे सहभाग घेतले. संगणक अभियांत्रिकी विभागचे प्रा. एस. एस. कदम यांनी या कार्यशाळेचे प्रास्ताविक केले तर प्रा. आर. एन. शिंदे यांनी आभार मानले.

अँटोनी तसेच पुणे येथील परसिस्टंटचे सहसंचालक अतुल मराठे व आय. बी. एन. पुणेचे प्रकाश देशमुख यांचे बहुमोल मार्गदर्शन लाभले. सदर कार्यशाळा ऑनलाईन ही प्रत्येक दिवशी ५ तास गुगल मीट या अॅपद्वारे आयसीटीईच्या सर्व मार्गदर्शक सुचनानुसार करण्यात आली. त्याचबरोबर सहभागीकडून प्रत्येक सत्राच्या संबंधित ऑनलाईन सत्रावरील देखील सोडवण्यात आल्या. या कार्यशाळेमध्ये प्रामुख्याने 'ब्लॉकचेन इन डेवऑप्स' या विषयावर सविस्तर चर्चा व प्रात्यक्षिक कॅनडा व पुणे येथील टीमकडून घेण्यात आली आणि त्या आधारे हॅकेथॉन

तसेच महाविद्यालयातील प्रबंध कसे करू शकतो? या विषयी सविस्तर मार्गदर्शन केले. श्रेयस्वत सत्रांमध्ये सहभागी सदस्यांनी समाधानकारक अभिप्राय व्यक्त केले. यामध्ये देश व विदेशातील सुमारे पन्नासहून अधिक प्राध्यापकांनी सहभाग घेतला होता. ही ऑनलाईन कार्यशाळा यशस्वी करण्यासाठी संगणक अभियांत्रिकी विभागातील सर्व प्राध्यापक व शिक्षकेतर कर्मचाऱ्यांनी सहभाग घेतला. संगणक अभियांत्रिकी विभागचे प्रा. एस. एस. कदम यांनी या कार्यशाळेचे प्रास्ताविक केले तर प्रा. आर. एन. शिंदे यांनी आभार मानले.

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**Dr. B. C. Melinamath**  
 HOD, CSE