NAAC 2022/ Metrics Level Deviations/Cr3-3 Date:-02/07/2022

Criteria 3.1.3:	Number of Workshops/ seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years.
Findings of DVV	Provide detailed report for 1. Arrange two days Knowledge Fair- Program for civil engineering students 2. Arrange webinar on Advanced Civil Engg. 3. Software's Hands on E-Tabs for early stage entrepreneurs(analysis and design of RCC & AMP; steel structures using E-tabs) 4. Arrange internship program for SE TE BE students on E-Tab software 5. Arrange internship program for SE TE BE students on STADD PRO software 6. One week webinar series on connect alumni powerpack talk series 7. Introduction of optimization and jaya optimization technique 8. One week techno hub webinar series 9. One week faculty development program in association with bharati vidyapeeth college of engineering- pune "advancements and research opportunity in electronics and telecommunications" 10. One day webinar for students "understanding product development process and technology readiness level" with photograph with date and captions; title of the workshops / seminars conducted signed by comptetent authority.
Response/ Clarification	1)Detailed report for above mentioned workshops/ seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years are attached. **(Appendix-I)**

GAE
IQAC Coordinator

IQAC Coordinator
S.B.Patil College of Engineering
Vangali,Tal.Indapur, Dist.Pune

S. B. Patil College of Engineering
OFFICE
Vangali, Tal Indapur, Dist. Pune

Principal

PRINCIPAL
S.B.Patil College of Engineering
Vangali,Tal.Indapur,Dist.Pune

Appendix-I

1 Civil

8

SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE
CIVIL ENGINEERING DEPARTMENT

ACA – R-49 Rev : 00 Date: 01.07.2014	**EVENT ACTIVITY REPORT**	Academic Year: 2020-21 Semester: I/~~II~~

Ref: SPVP/SBPCOE/CIVIL/2020-21

Date:7/11/2020

To,
The Principal,

SBPCOE,

Indapur.

Subject: - **Activity Report of "Knowledge Fair program for SE,TEand BE students" on 04/11/2020 to 05/11/2020**

Respected sir,

With reference to above mentioned subject online "Knowledge Fair program for SE,TEand BE students " conducted on 04/11/2020 to 05/11/2020

Objectives:

"Without Knowledge Action is Useless & Knowledge without Action is Futile."

With this motto we are trying to spread advanced knowledge in Engineering discipline to aware students with recent development, advanced research in their respective area. Also we are going to start various start-up activities during this Knowledge Fair program .

- Knowledge Sharing
- To start various Start-up activities for student development.
- To aware students about recent development in engineering.
- To promote research orientd and value based projects.

For first day of knowledge fair programme Prof.N.T.Suryawanshi was the event speaker .The speaker has created awareness among s students about recent development in engineering

On second For first day of knowledge fair programme Prof.R.B. Ghogare was the event speaker . The speaker has shared the knowledge of Concrete mix design

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT

To make this event successful SE,TE and BE civil students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this webinar.

Thanking you

Program Coordinator
Prof.P.R.Admile

HOD
Prof.N.T.Suryawanshi

S.B.Patil College of Engineering Indapur
Dept.of Civil Engineering

Head
Department of Civil Engineering
S.B.Patil College of Engineering Indapur

Zoom link & Attendance screenshot:

P.R.Admile is inviting you to a scheduled Zoom meeting.

Topic: "Knowledge Fair program on 04/11/2020
Time: 11.30 am -12.30 pm

Join Zoom Meeting
https://us04web.zoom.us/j/76187252407?pwd=S2NPc0hTNnpuWFZrZEtmcDBDOGdyQT09

Meeting ID: 792 4100 0035
Passcode: sbpcoe

Zoom link & Attendance screenshot:

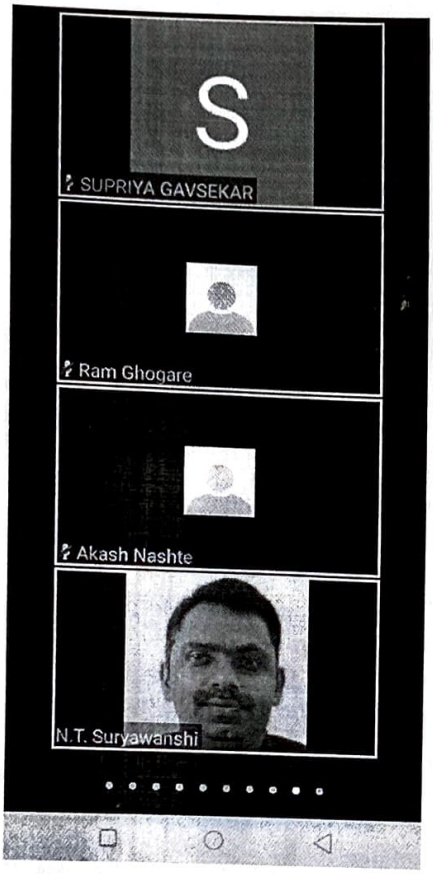
P.R.Admile is inviting you to a scheduled Zoom meeting.

Topic: "Knowledge Fair program on 05/11/2020
Time: 11.30 am -12.30 pm

Join Zoom Meeting
https://us04web.zoom.us/j/76187252407?pwd=S2NPc0hTNnpuWFZrZEtmcDBDOGdyQT09

Meeting ID: 792 4100 0030
Passcode: sbpcoe

SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE
CIVIL ENGINEERING DEPARTMENT



(2)

SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE
CIVIL ENGINEERING DEPARTMENT

ACA – R-49 Rev : 00 Date: 01.07.2014	**EVENT ACTIVITY REPORT**	Academic Year: 2020-21 Semester: I/~~II~~

Ref: SPVP/SBPCOE/CIVIL/2020-21

Date: 06/11/2020

To,
The Principal,

SBPCOE,

Indapur.

Subject: - **Activity Report of webinar on "Advanced Civil Engineeering Softwares" " conducted on 04/11/2020**

Respected sir,

With reference to above mentioned subject webinar conducted on **"Advanced Civil Engineeering Softwares"** on 04/11/2020

Objectives:

- **Modeling:** How to create models in less time and interpret the results while working with the physical member based objects.
- **Concrete Frame Design & Detailing:** Applicable to line objects and the program determines the appropriate design procedure when the analysis is run.
- **Steel Frame Design & Detailing:** How to detail steel member selection, drift optimization and stress checking processes using various design code algorithms.
- **Steel Connection Design:** Design of steel connections is seamlessly integrated into the program.
- **Composite Beam:** To composite beams for determining their sizes for analysis, auto select-section property can be defined.
- **Dynamic Analysis:** Various options from response spectrum analysis to large deformation nonlinear time analysis.

Prof. Admile P.R was the event speaker .The speaker has delivered practical aspects of the Advanced Civil Engineeering Softwares. Lately, software development has effectively contributed in various civil engineering disciplines, as it provides engineers with the ability to perform variety of complex calculations, modeling, drafting, designing practice and several analysis processes for civil engineering infrastructure

To make this event successful SE,TE and BE civil students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this webinar.

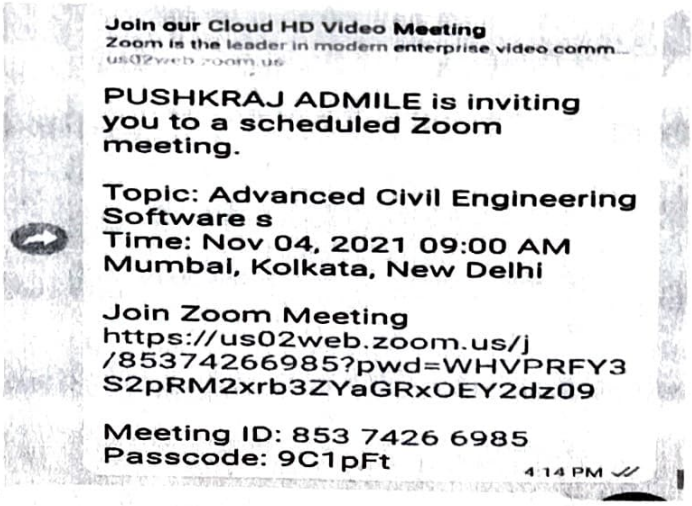
Outcomes:

- Student will easily create models using objects and can understand the concepts when editing and creating complex models.
- Student will be able to recognize story levels and be able to input building data in a logical and easy manner.
- Student will have the ability to work with people spanning in different disciplines with productive, innovative, and communicative skills.
- Student will create only one model of the floor systems and the vertical and lateral framing systems to be able to analyze and design the entire building due to the integrated system of SAP.

Thanking you

SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE
CIVIL ENGINEERING DEPARTMENT

Zoom link & Attendance screenshot:



Program Coordinator

Prof.P.R. Admile

S.B.Patil College of Engineering Dept.of Civil Engineering Indapur

HOD

Dr.N.T Suryawanshi

Head
Department of Civil Engineering
S.B.Patil College of Engineering Indapur

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SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE
CIVIL ENGINEERING DEPARTMENT

ACA – R-49 Rev : 00 Date: 01.07.2014	**Event Conducted Report**	Academic Year: 2020-21 Semester: II

Ref: SPVP/SBPCOE/2020-21/F12/06

Date: 02/ 06/2021

To,

The Principal,

SBPCOE,

Indapur.

Subject: - Report of "Hands on E-tabs for early stageEntrepreneurs"(Analysis and Design of RCC & Steel Structures using "ETABS) on 31th May 2021.

Respected sir,

With reference to above mentioned subject "Hands on E-tabs for early stageEntrepreneurs"(Analysis and Design of RCC & Steel Structures using "ETABS)was held in online mode on 31th May 2021under the MHRD innovation cell. We got a positive response from student participants and the event was concluded with grand success. This event has provided a platform to all the students to get importance of imoprtance of Sofware for START-UP .Hands on training of Software are also an important reason behind the success of the Entrepreneurs

To make this event successful, 50+ Participants from our college have been activelyparticipated and shown their interest with great enthusiasm.As the coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this event.

Thanking you.

Program Coordinator

Prof.M.V.Gaikwad

S.B.Patil College of Engineering
Dept.of Civil Engineering

HOD

Prof.R.B.Ghogare

Head
Department of Civil Engineering
S.B.Patil College of Engineering Indapur

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT

Note: Following are some of the glimpses of this event

S.B. Patil College of Engineering, Indapur

GAT No: 58, Village - Vangali, Pune-Solapur Highway, Pune, Maharashtra 413106

WEBINAR ON IMPORTANCE OF CIVIL SOFTWARES

Analysis and Design of RCC & Steel Structures using "Staad.Pro Connect Edition & ETABS"

On Monday, May 31, 2021 at 11.00 a.m.

Resource person : Er. Hitesh Lahoti
(Authorized Trainer)
Structural Consultant

Civil Engineering Software Academy (Pune)

Bentley Institute

For more info.

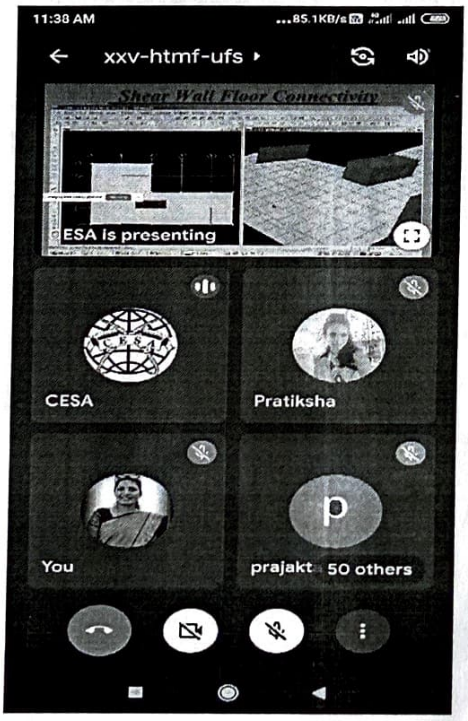
www.cesapune.com cesapune@gmail.com (+91)9881372569 (+91)7447484672

Prof. Shirkande S.T.
Principal,
SBPCOE, Indapur

Prof. Ghogare R.B.
Head of Department
Civil Engineering
SBPCOE, Indapur

Webinar Coordinator
Prof. Gaikwad M.V.
Civil Engineering
Department
SBPCOE, Indapur

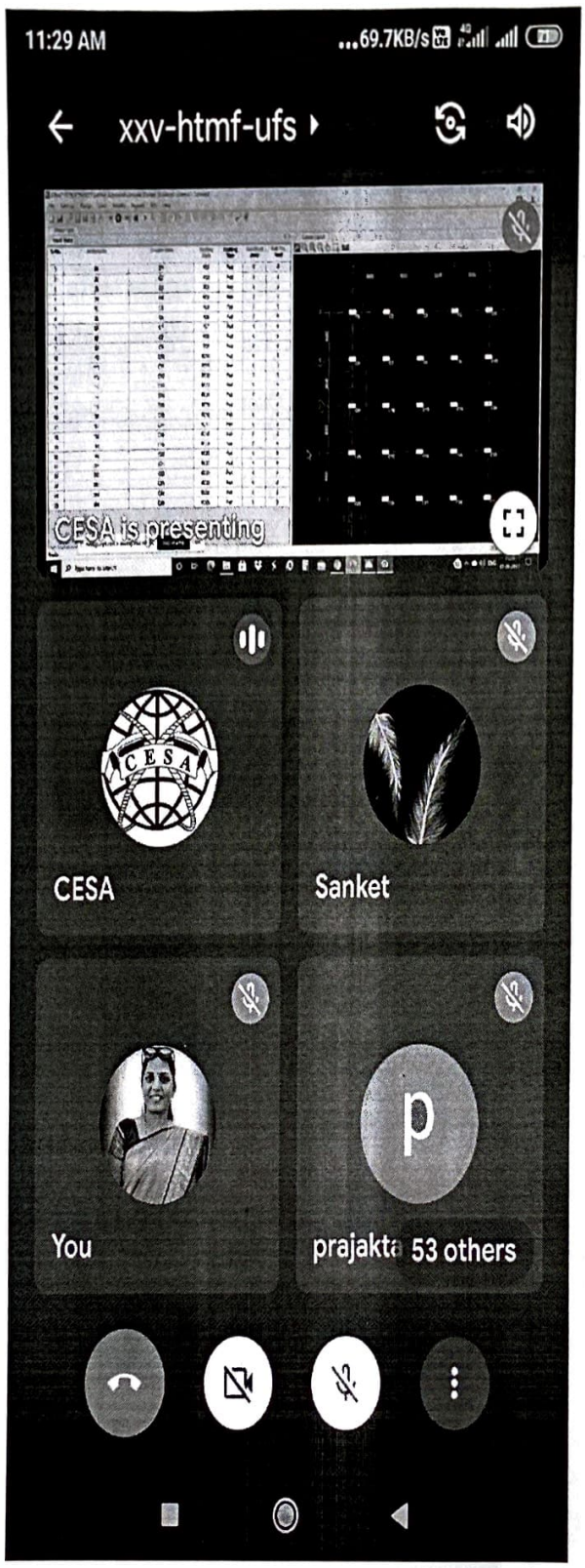
e-certificates will be provided to all the participants



SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT



SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT

- **Link to register for Webinar:**

https://forms.gle/d1QhoTqxCtbe4RGX7

- **Webinar Link of civil engineering softwares:**
  Monday, May 31 · 11:00 – 12:00
  Google Meet joining info
  Video call link: https://meet.google.com/xxv-htmf-ufs

- **Youtube Link:**
  https://youtu.be/rG_oOV8y6go?fbclid=IwAR3F_gKBrJ5XAXfbUJYzLqEXvVJh8tqjV_VBUljADIj6MuEqN5WrOQOw10g

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SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF CIVIL ENGINEERING

ACA – R-49
Rev : 00
Date: 01.07.2014

EVENT ACTIVITY REPORT

Academic Year: 2021-22
Semester: I/~~II~~

Ref: SPVP/SBPCOE/CIVIL/2021-22/F12

Date: 25/07/2021

To,

The Principal,

SBPCOE,

Indapur.

Subject: - **Activity Report of Internship on "ETAB Software Training Programme" Conducted from 23/06/2021 to23/07/2021**

Respected sir,

With reference to above mentioned subject Internship on "ETAB Software Training Programme"Conducted from 07/06/2021 to12/06/2021

Objectives:

- **Modeling:** How to create models in less time and interpret the results while working with the physical member based objects.
- **Concrete Frame Design & Detailing:** Applicable to line objects and the program determines the appropriate design procedure when the analysis is run.
- **Steel Frame Design & Detailing:** How to detail steel member selection, drift optimization and stress checking processes using various design code algorithms.
- **Steel Connection Design:** Design of steel connections is seamlessly integrated into the program.
- **Composite Beam:** To composite beams for determining their sizes for analysis, auto select-section property can be defined.
- **Dynamic Analysis:** Various options from response spectrum analysis to large deformation nonlinear time analysis.

Mr.Hitesh Lahoti (CESA AcademyPune) was the event speaker .The speaker has delivered live demonstration on ETAB Software as well as provided basic and helpful information regarding ETAB Software to the students. He had also explained the various industry requirements in the sector of Designing.

To make this event successful 40+ students were present. As a coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program

Outcomes:

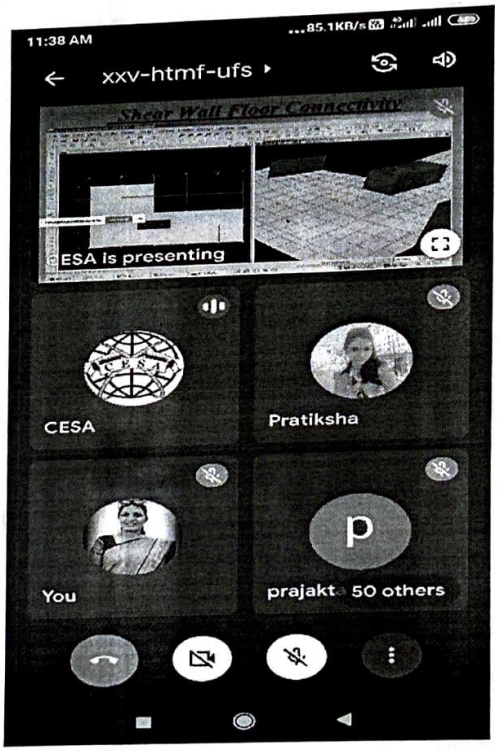
- Student will easily create models using objects and can understand the concepts when editing and creating complex models.
  Student will be able to recognize story levels and be able to input building data in a logical and easy manner.
- Student will have the ability to work with people spanning in different disciplines with productive, innovative, and communicative skills.
- Student will create only one model of the floor systems and the vertical and lateral framing systems to be able to analyze and design the entire building due to the integrated system of ETABS.

Zoom link & Attendance screenshot:

- **Link to register for Webinar:**

https://forms.gle/d1QhoTqxCtbe4RGX7

- **Webinar Link of civil engineering softwares:**
  Monday, Jully 29 · 11:00 – 12:00
  Google Meet joining info
  Video call link: https://meet.google.com/xxv-htmf-ufs



Program Coordinator
Prof.M.V.Gaikwad

HOD
Prof.R.B.Ghogare

S.B.Patil College of Engineering Dept.of Civil Engineering Indapur

Head
Department of Civil Engineering
S.B.Patil College of Engineering Indapur

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT

ACA – R-49	**EVENT ACTIVITY REPORT**	Academic Year: 2020-21
Rev : 00		Semester: I/II
Date: 01.07.2014		

Ref: SPVP/SBPCOE/civil/2020-21

Date:30/08/2021

To,

The Principal,

SBPCOE,

Indapur.

Subject: - **Activity Report on "Intersnhip programme for SE TE BE students on STADD pro Software" 29/07/2021 To 29/08/2021**

Respected sir,

With reference to above mentioned **Intersnhip programme for SE TE BE students on STADD pro Software"** from **29/07/2021 To 29/08/2021 to** SE,TE AND BE students .

Objectives:

- The objective of this course is to teach students the basic commands and tools necessary for professional 2D and 3D drawing design and drafting using STAAD PRO Software
- After completing this course students will be able to Use STAAD PRO Software. for daily working process
- Students will be able to Navigate throughout STAAD PRO Software using major navigating tools

Mr.Hitesh Lahoti (CESA AcademyPune) was the event speaker .The speaker has delivered live demonstration on STAAD PRO Software as well as provided basic and helpful information regarding STAAD PRO Softwareto the students. He had also explained the various industry requirements in the sector of constructions .To make this event successful 35+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

Outcomes:

- Student will be able for carrying out flexible zooms and multiple views.
- Student will know to make isometric & perspective views and 3D shapes
- Student will know the use of simple command language and built-in command file editor

Thanking you

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

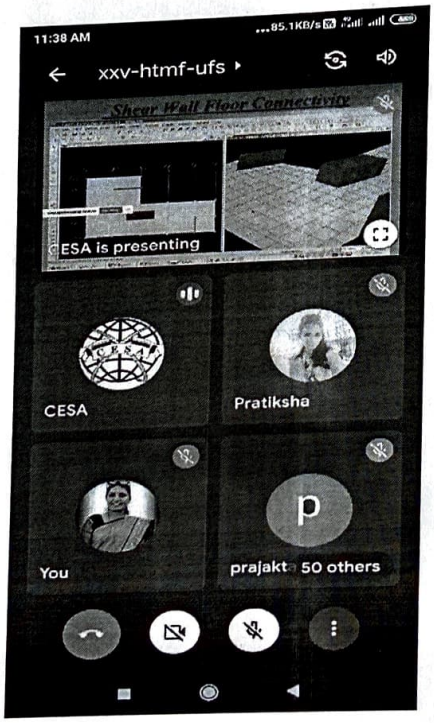
CIVIL ENGINEERING DEPARTMENT

Zoom link & Attendance screenshot:

- **Link to register for Webinar:**

https://forms.gle/d1QhoTqxCtbe4RGX7

- **Webinar Link of civil engineering softwares:**
  Monday, Jully 29 · 11:00 – 12:00
  Google Meet joining info
  Video call link: https://meet.google.com/xxv-htmf-ufs



SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

CIVIL ENGINEERING DEPARTMENT

Program Coordinator

Prof.M.V.Gaikwad

S.B.Patil College of Engineering Dept.of Civil Engineering

HOD

Prof.R.B.Ghogare

Head
Department of Civil Engineering
S.B.Patil College of Engineering Indapur

(6) Comp

(4)

ACA – R-49
Rev : 00
Date: 01.07.2014

Five days "Webinar Connect Alumni Powerpack Talk Series" Report

Academic Year: 2020 -21
Semester: I/II

Ref: SPVP/SBPCOE/COMP/2020-21/F12/06 **"NAAC Accredited"** Date:01 July 2020

To

The Principal

SBPCOE, Indapur.

Subject: Report of five days webinar **"Connect Alumni Powerpack Talk Series"** for SE/TE/BE Computer students from 25 June to 30 June 2020.

Respected Sir,

With reference to above mentioned subject of **"Connect Alumni Powerpack Talk Series"** was organized for SE/TE Computer Engineering students from 25 June to 30 June 2020. We got a huge response from student participants and the event was concluded with grand success.

This webinar series has provided a platform to all students to get new concepts related to the interaction and industry experience of alumni students. Students have also got interacted with the speaker for their queries and gave huge response for this webinar series.

The webinar series alumni powerpack talk series was successfully conducted and completed following objectives

1. To share an experience with current students and elaborate their experience after completing alumni's graduation.
2. To provide platform of interaction between graduating and graduated students.
3. Giving platform to current graduating students to interact with alumni's.
4. To impart sound knowledge to junior fellows.

To make this session successful, Participants from SE/TE/BE Computer have been actively participated and communicated with the speaker for their queries. As the coordinator of this event I would like to thank our Management, Principal and Our Team Members for their support and continuous encouragement to organize this event.

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF COMPUTER ENGINEERING

SPVP's

S. B. Patil College of Engineering, Indapur

DEPARTMENT OF COMPUTER ENGINEERING

Organizes

One Week Online Webinar Series on

Connect-Alumni Powerpack Talk Series

From 25 to 30 June 2020

Speakers

Date: 25 June 2020
Time : 7:30 PM

Samata Gandhi

Software Engineer,
Holistic Life Manager,
IIS Philippines

Topic - Ten Powerful ways to Achieve Success.

Date : 26 June 2020
Time: 2:00 PM

Vaibhavkumar Yadav

Systems Engineer
Infosys Limited
Insta Award & Pride Award

Topic- Journey from SBPCOE to Infosys

Date : 26 June 2020
Time : 11:00 AM

Ridhuna Nair

Senior Business Analyst
CISCO

Topic :
Business Analysis in Corporate

Date: 27 June 2020
Time: 2:00 PM

Mrinal Mile

Software Engineer
GS Lab Pune

Topic :
IT Company culture

Date : 29 June 2020
Time : 4:00 PM

Narsingh Navgire

Sr. Software Developer
IOConnect Software
Sol. Pvt. Ltd

Topic : Java Technology

Date : 30 June 2020
Time : 10:00 AM

Avdhut Salunke

Project Engineer
CDAC Chennai

Topic : Career Resources

Registration Link : https://tinyurl.com/SbpcoeAllumniTalkSeries

All sessions conducted on zoom platform and YouTube

Coordinator

Prof. Salve B. S
Assistant Professor

Convenor

Dr. Sirdeshpande S. A
IQAC Coordinator & HOD
Department Computer Engineering

Principal

Dr. Nemade P. D.
Principal, SBPCOE, Indapur

SPVP's

S. B. Patil College of Engineering, Indapur

DEPARTMENT OF COMPUTER ENGINEERING

Organizes

One Week Online Webinar Series on

Connect-Alumni Powerpack Talk Series

From 25 to 30 June 2020

Day - 1 (25 June 2020, 7: 00 PM)

Guest of Honour

Hon. Miss. Ankitatai H. Patil

Vice President, SPVP, Indapur

Invitation for Inauguration

Speaker

Samata Gandhi

Software Engineer,
Holistic Life Manager,
IIS Philippines

Topic - Ten Powerful ways to Achieve Success.

ZOOM

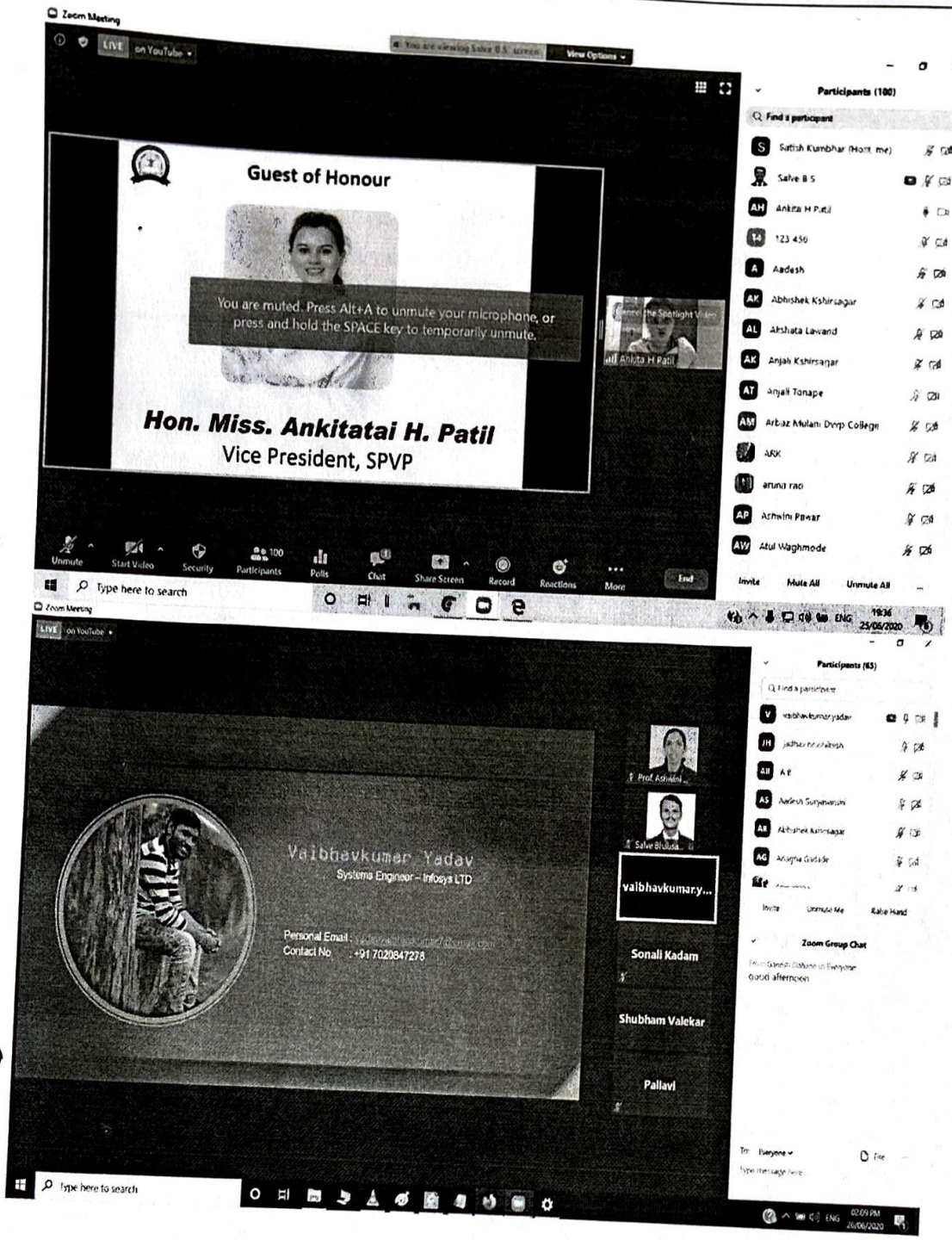
Meeting ID: 240 262 5378 Password: 123456

https://us02web.zoom.us/j/2402625378?pwd=dlRSdWt4NnR5WUtWMW5COGl2WkRiUT09

YouTube

YouTube Live link will shared on whatsapp group after starting session.

Coordinator	Convenor	Principal
Prof. Salve B. S Assistant Professor	Dr. Sirdeshpande S. A IQAC Coordinator & HOD Department Computer Engineering	Dr. Nemade P. D. Principal, SBPCOE, Indapur


Zoom Meeting
LIVE on YouTube
Guest of Honour
You are muted. Press Alt+A to unmute your microphone, or press and hold the SPACE key to temporarily unmute.
Hon. Miss. Ankitatai H. Patil
Vice President, SPVP
Participants (100)
Unmute
Start Video
Security
Participants
Polls
Chat
Share Screen
Record
Reactions
More
End
Invite
Mute All
Unmute All
Type here to search
Zoom Meeting
LIVE on YouTube
Vaibhavkumar Yadav
Systems Engineer – Infosys LTD
Personal Email :
Contact No. :+91 7020847278
Participants (63)
Sonali Kadam
Shubham Valekar
Pallavi
Zoom Group Chat
Good afternoon
Type here to search

SHAHAJIRAO PATIL VIKAS PRATISHTHAN'S

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR

One week Online Webinar Series

on

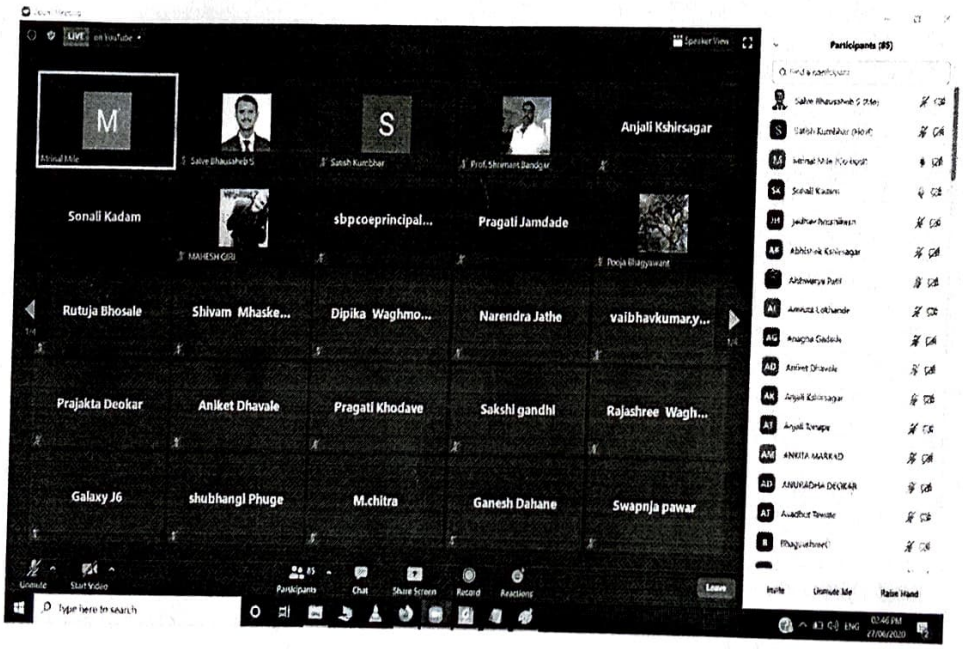
Alumni Powerpack Talk Series

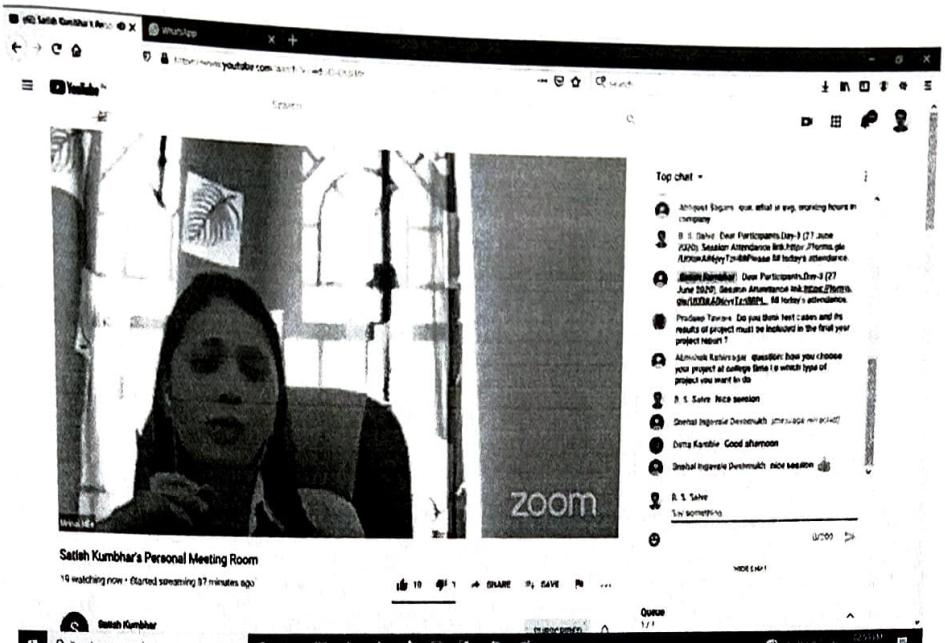
Organized by Department of Computer Engineering

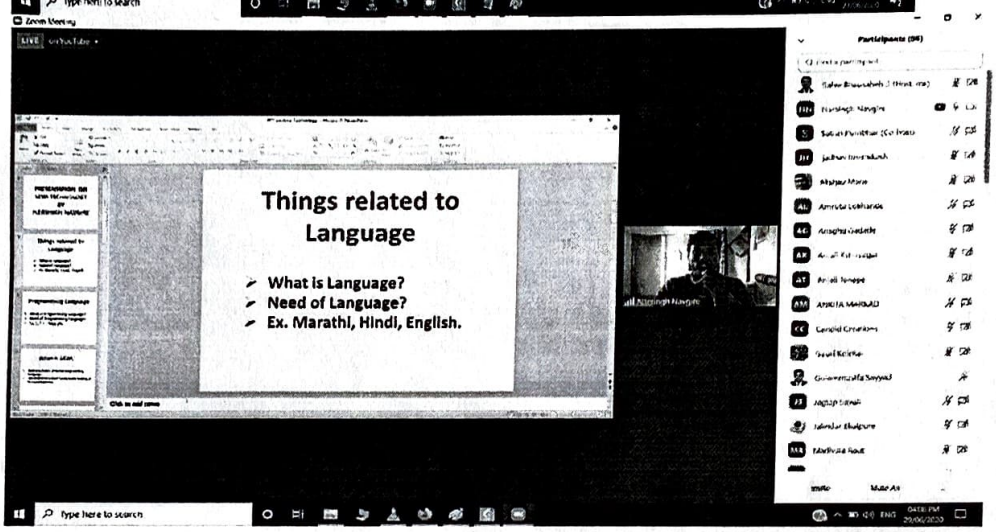
AGENDA

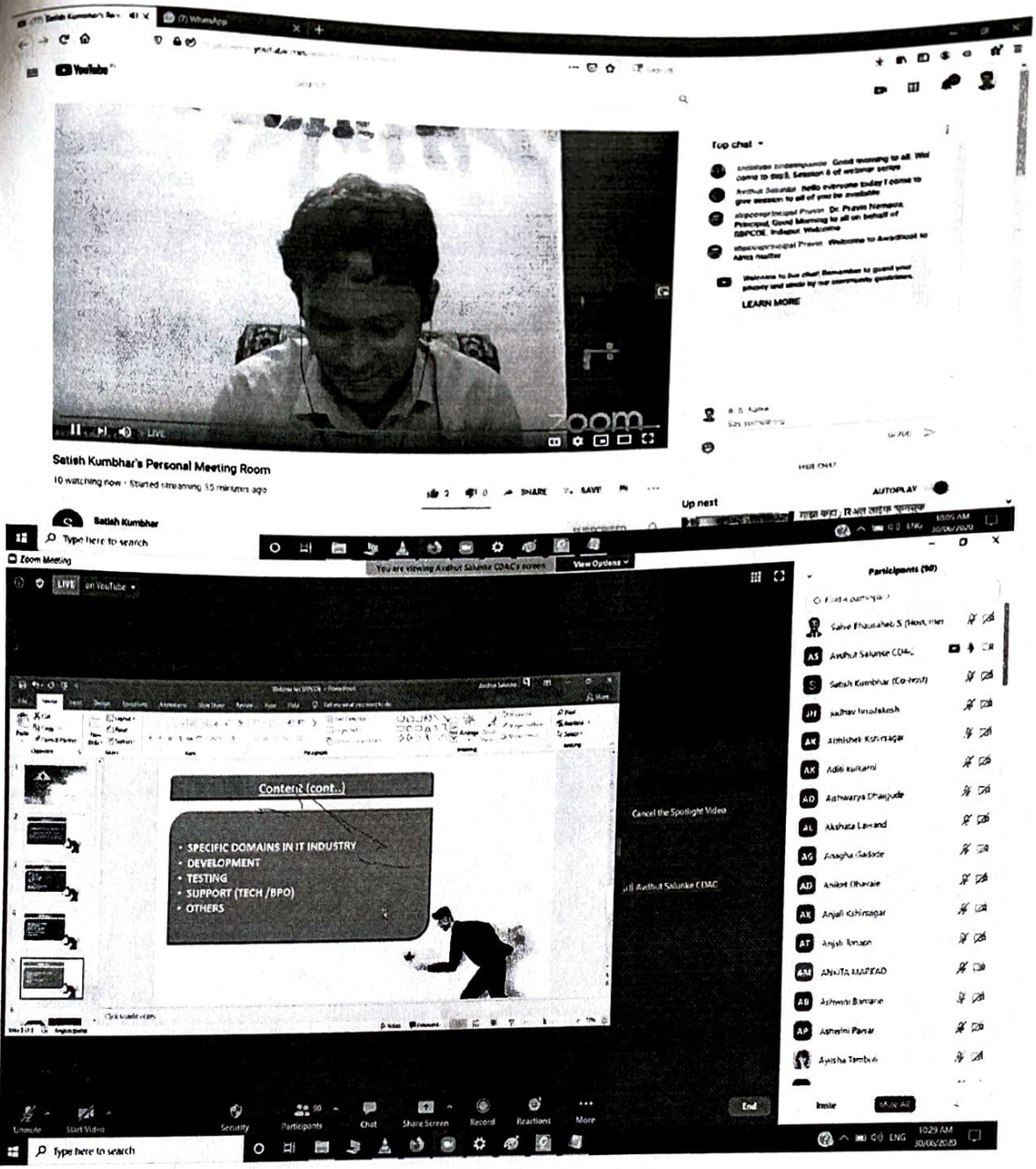
Day 2 **Date: 26/06/2020**

Time	Event Schedule
11:00 am – 11:05 am	Playing College Video
11:05 am – 11:08 am	Playing Departmental video
11:08 am – 11:11 am	Guest Welcome and Introduction by Prof. S. G. Katte (Miss. Ridhuna Nair)
11:11 am – 11:13 am	Virtual Lamp Lightening
11:13 am – 11:20 am	Opening Remark: Prof. J. N. Ekatpure Computer Engg. Department
11:20 am – 12:00 noon	Session by Miss. Ridhuna Nair Senior Business Analyst, CISCO, Banglore
12:00 noon – 12:05 pm	Closing Remark by: Prof. P. P. Belsare, Computer Engg. Department
12:05 noon – 12:10 pm	Instruction about next session with vote of thanks




zoom
Top chat
Satish Kumbhar's Personal Meeting Room


Things related to Language
What is Language?
Need of Language?
Ex. Marathi, Hindi, English.



Coordinator
Prof. B. S. Salve

S. B. Patil College of Engineering ★ OFFICE ★ Vangali, Tal. Indapur, Dist. Pune

HOD
Prof. S. T. Shirkande

HEAD
Department of Computer Engineering
S. B. Patil College of Engineering, Indapur

(7) Elect

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R-49

Rev : 00

Date: 03.07.2017

Ref: SPVP/SBPCOE/ELECT/2020-21

Event Report

Academic Year: 2020-21

Semester: I

Date:- 9/06/2020

To,

The Principal,

SBPCOE, Indapur.

Subject: - **Event Report "Introduction of optimization and Jaya optimization technique" conducted on 6/6/2020**

Respected sir,

With reference to above mentioned subject Event conducted "Introduction of optimization and Jaya optimization technique" conducted on 6/6/2020 the Electrical Engineering students.

Objectives:

- By considering a number of different algorithms, we can begin to develop pattern recognition so that the next time a similar problem arises, we are better able to solve it. Algorithms are often quite different from one another.
- The JAYA algorithm combines the survival of the fittest principle from evolutionary algorithms as well as the global optimal solution attractions of Swarm Intelligence methods. Initially, the optimization model and convergence characteristics of JAYA algorithm are carefully analyzed.

The expert speaker has more than 15 years of experience in Electrical Engg. and In connection to the expertise of the guest the expert talk of the same has been arranged for UG students. They explained in simple way that

A simple yet powerful optimization algorithm is proposed in this paper for solving the constrained and unconstrained optimization problems. This algorithm is based on the concept that the solution obtained for a given problem should move towards the best solution and should avoid the worst solution. This algorithm requires only the common control parameters and does not require any algorithm-specific control parameters. The performance of the proposed algorithm is investigated by implementing it on 24 constrained benchmark functions having different characteristics given in Congress on Evolutionary

Computation (CEC 2006) and the performance is compared with that of other well-known optimization algorithms. The results have proved the better effectiveness of the proposed algorithm. Furthermore, the statistical analysis of the experimental work has been carried out by conducting the Friedman's rank test and Holm-Sidak test. The proposed algorithm is found to secure first rank for the 'best' and 'mean' solutions in the Friedman's rank test for all the 24 constrained benchmark problems. In addition to solving the constrained benchmark problems, the algorithm is also investigated on 30 unconstrained benchmark problems taken from the literature and the performance of the algorithm is found better.

To make this event successful 50+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

Outcomes:

- Students are able to Identify own strengths and develop areas for growth
- Students are able to Demonstrate that challenges have been undertaken, developing new skills in the process

Thanking you

Event Coordinator
Prof. D.D. Changan

HOD
Dr. R. M. Patil

S.B.Patil College of Engineering Dept.of Electrical Engineering Indapur

HEAD
Department of Electrical Engineering
S.B. Patil College of Engineering, Indapur.

Zoom link & Attendance screenshot:

(8) Elect

SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R-49	**Event Report**	Academic Year: 2020-21
Rev : 00 Date: 03.07.2017		Semester: I
Ref: SPVP/SBPCOE/ELECT/2020-21		Date:- 09/7/2020

To,

The Principal,

SBPCOE, Indapur.

Subject: - **Event Report "one week techno hub webinar series" conducted from 1/7/2020 TO 6/7/2020**

Respected sir,

With reference to above mentioned subject Event conducted **"one week techno hub webinar series"** from **1/7/2020 TO 6/7/2020** the Electrical Engineering students.

Objectives:

- The focus of the Techno Hub webinar series is to help the students gain practical as well as theoretical technical knowledge
- To improve employability skills of students.

The expert speaker has more than 2 to 3 years of experience in respective field and college alumni. In connection to the expertise of the guest the expert talk of the same has been arranged for UG students. They explained in simple way.

Mr. Sagar Sainath Gholap-Applications of Electrical Derives and Controllers in Industry ,Mr.Abhishek Rajendra Dol-Electrical Installation & maintenance, Mr. Hitesh Ashok Talele - Industrial Automation, Mr. Kumar kailas Chavan-Carrier Opportunities in Electrical Engineering, Ms. Priyanka Pandurang Pathak-Introduction to E-Tendering, Ms. Rucha Ramdas Dhapte-Career Guidance on Design Field sheard their experience in their respective department with students

To make this event successful 80+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

Outcomes:

- Students got idea regarding industry current aspects and future scope
- Students are able to figure out their area of interest

Thanking you

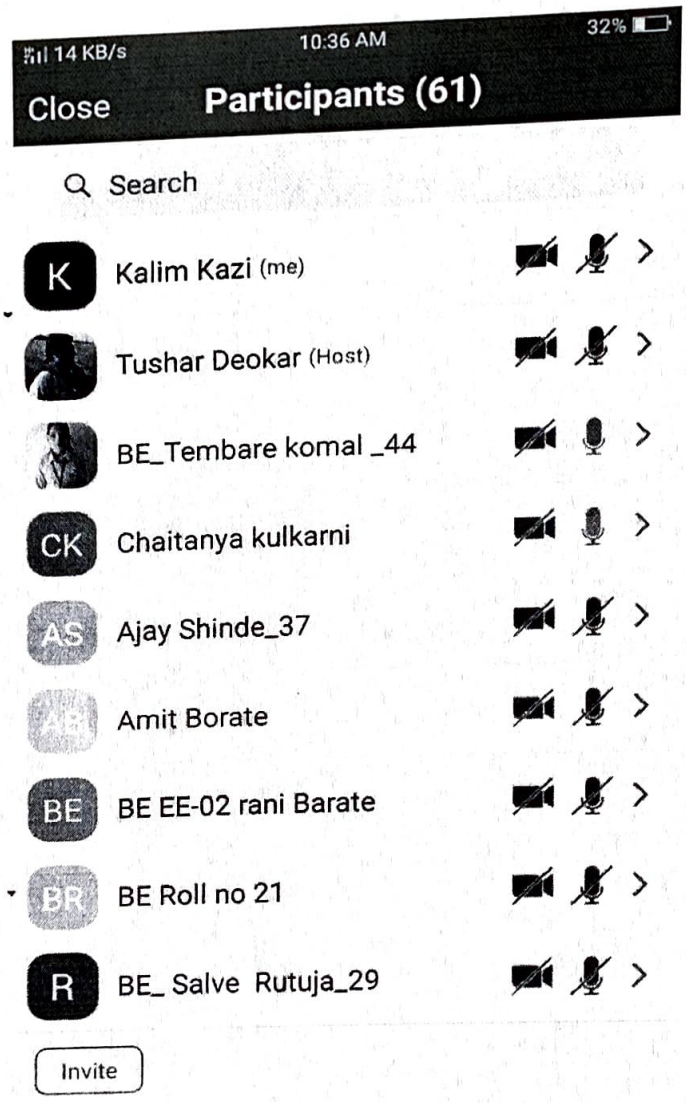
Event Coordinator
Prof. D.B. Bhadake

HOD
Dr. R. M. Patil

HEAD
Department of Electrical Engineering
S.B.Patil College of Engineering,Indapur.

S.B.Patil College of Engineering
Dept.of Electrical Engineering
Indapur

ATTENDANCE OF THE EVENT:-



SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

ACA – R Rev : 00 Date: 01.07.2014	**FDP on "Advancements and Research opportunity in Electronics and Telecommunications" Report**	Academic Year: 2020 – 21 Semester: I

Ref: SPVP/SBPCOE/E&TC/2020-21/F12/03

Date: 13/08/2020.

To
The Principal,
SBPCOE, Indapur.

Subject: Report of One Week Faculty Development Program on "Advancements and Research opportunity in Electronics and Telecommunications"

Respected Madam,

We Department of Electronics and Telecommunications Of S. B. PATIL COLLEGE OF ENGINEERING-INDAPUR In Association With BHARATI VIDYAPEETH COLLEGE OF ENGINEERING- PUNE organized Online One Week Faculty Development Program on "Advancements and Research opportunity in Electronics and Telecommunications" on 04 Aug to 08 Aug 2020. In these FDP Approximately 1000 participants had participated from different colleges in Maharashtra , from overall India and some participants also from abroad. On the program was inaugurated by S.B.Patil college of Engineering Principal Dr. P.D. Nemade and Bharati Vidhyapith Principal Dr.Anand Bhalerao.

Objectives –1.To get aware of various disciplines of ENTC

2.To get aware of advances in Electronics and Telecommunications

3. To get aware of Research opportunity in Electronics and Telecommunications

Outcomes- After completition of FDP participants will be able to get knowledge of

1. Scope of Electronics and Telecommunications engineering in optical sensors ,VLSI technology and many more areas

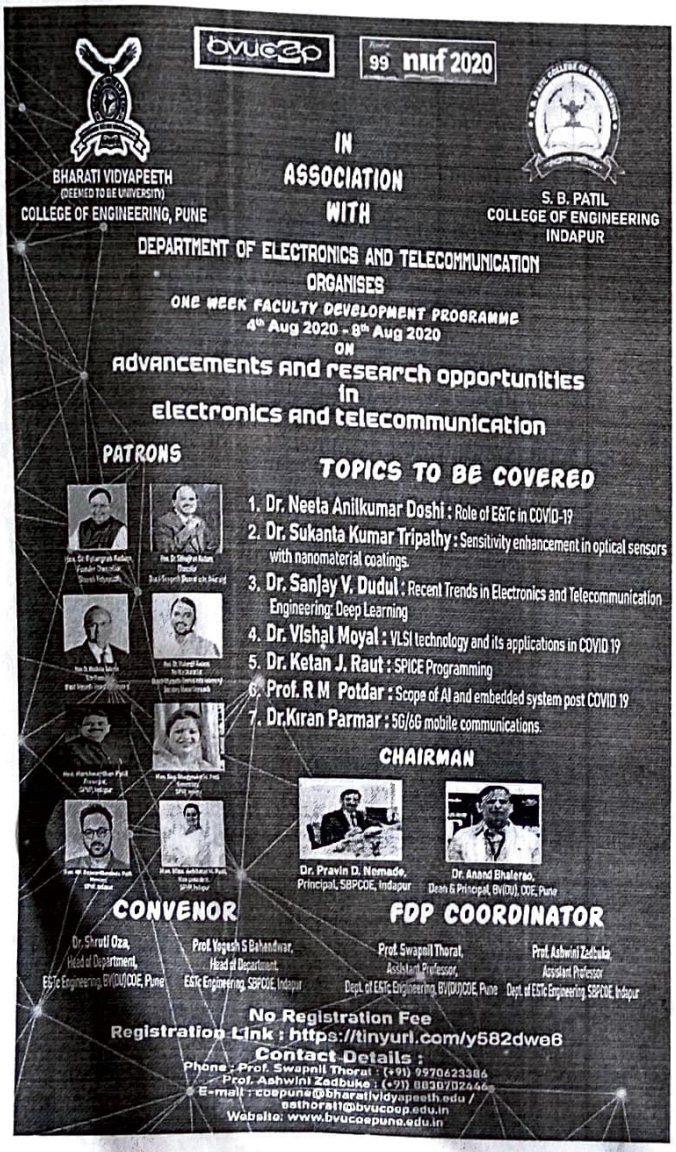
2. Scope of Electronics and Telecommunications engineering in research areas like Embedded System and Artificial Intelligence

On the first day of FDP Dr. Sukanta Kumar Tripathy had given talk on Sensitivity Enhancement In Optical Sensors With Nanomaterial Coatings. Sir also explained importance of nanomaterial coating. On the second day Dr. Vishal Moyal had given talk on VLSI Technology And Its Applications In Covid19. They had effectively share us some idea that how we contribute to nation through these pandemic situation by using VLSI Technology knowledge. On the third day Dr. Ketan J. Raut explained us how SPICE Programming is used as a Tool in different type of research activity and research work. On the next day Dr. R M Potdar had shared his view on Scope Of AI And Embedded

System Post COVID 19. They explained us after These covid situation what will be the role of Embedded System and Artificial Intelligence to develop the things in the different industries. On the last day Dr. Kiran Parmar had given talk on latest topic that is Future of 5G/6G Mobile Communications in India. Dr. Sanjay V. Dudul had given nice talk on the current emerging topic Deep Learning: Recent Trends In Electronics And Telecommunication Engineering. In all five days all speakers focus on how electronics and telecommunication engineer will plays an important role after these pandemic situation as well as in future.

The convener of the program Dr. Shruti Oza and Prof. Y.S.Bahendwar and FDP Co-ordinator Prof Ashwini zadbuke madam and Prof. Swapnil Thorat plays important role for the successful completion of the overall FDP on online mode Microsoft teams.

Following are the glimpses of event---



Bharati Vidyapeeeth (Deemed to be University) College of Engineering, Pune
in association with
Shahajirao Patil Vikas Prathishtham's S. B. Patil College of Engineering, Indapur

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./ Mrs./Dr. {{Full Name}} has actively participated and completed online One week Faculty Development Program on 'Advancements & Research Opportunities in Electronics & Telecommunication Engineering' organized by Department of Electronics & Telecommunication Engineering held on 04 Aug to 08 Aug 2020.

Prof. Dr. Anand Bhalerao
Principal& Dean, BV (DU) COE, Pune

Prof. Dr. Pravin D Nemade
Principal, SBPCOE, Indapur

Prof.Swapnil Thorat
Coordinator

Dr. S.K.Oza
Head E&TC BV(DU) COE,Pune

Prof.A.S.Zadbuke
Coordinator

Prof. Y. S. Bahendwar
Head E&TC,SBPCOE, Indapur

Inauguration schedule 4 Aug.2020

Day And Date	Time	Speaker & Topic
DAY 1 : 04/08/2020	**10:30-11:15**	**Inauguration Function**
DAY 1: 04/08/2020	11:15-12:30	**Dr. Sukanta Kumar Tripathy** Sensitivity Enhancement In Optical Sensors With Nanomaterial Coatings.
DAY 2 : 05/08/2020	10:30-12:00	**Dr. Vishal Moyal** VLSI Technology And Its Applications In Covid 19
DAY 3: 06/08/2020	10:30-11:30	**Dr. Ketan J. Raut** SPICE Programming as a Tool in Research
	11:30-12:30	**Dr. Neeta AnilkumarDoshi** Role of ENTC in Fight Against COVID -19
DAY 4: 07/08/2020	10:30-12:00	**Dr. R M Potdar** Scope Of AI And Embedded System Post COVID 19
DAY 5: 08/08/2020	10:30-11:30	**Dr. Kiran Parmar** Future of 5G/6G Mobile Communications in India
	11:30-12:30	**Dr. Sanjay V. Dudul** Recent Trends In Electronics And Telecommunication Engineering: Deep Learning
	12.30 onwards	**Valedictory Function**

- Same Link will be used for entire FDP. Please save this link for this your ready reference. https://tinyurl.com/y3334ast

S. B. Patil College of Engineering OFFICE Vangali, Tal Indapur, Dist. Pune

Event coordinator

Prof.A.S.Zadbuke

(10) E & Tc

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SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

ACA – R Rev : 00 Date: 01.07.2014	Event Report.	Academic Year: 2020 – 21 Semester: I

Ref: SPVP/SBPCOE/E&TC/2020-21/F12/03

Date: 18/09/2020.

To
The Principal,
SBPCOE, Indapur.

Subject: Report of Online Webinar on the topic "Understanding Product Development Process and Technology Readiness level"

Respected sir,

We Department of Electronics and Telecommunications Of S. B. Patil College Of Engineering-Indapur organized Online Webinar on the topic "Understanding Product Development Process and Technology Readiness level" on 15 th Sept.2020 on the occasion of Engineers Day.

Objectives –1.To get aware of Product Development Process

2.To get aware of Technology Readiness level

Outcomes- After completition of participants will be able to get knowledge of -

1. Maturity level of a particular technology.
2. Different phases of Product Development Process.

Online Events was organized under guidance of honorable Dr. P. D. Nemade Sir (Principal, SBPCOE) and Prof. A.S. Zadbuke (HOD), took hard efforts in planning and arranging this highly successful event. Our event got grand response. As we had near about 50 participants for these events. Dr. Pratap Sanap sir who is working as Software Architect, at Persistent, Pune given nice talk on Product Development Process and Technology Readiness level. He also guide on which parameter students should consider while doing his/ her project.

Following are glimpses of event—

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S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

S. B. Patil College of Engineering OFFICE Vangali,Tal Indapur,Dist.Pune

Event coordinator

Prof.A.S.Zadbuke

Prof.N.R.Kekan