



Sinhgad Institutes

Sinhgad Technical Education Society's SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to SavitribaiPhule Pune University, Pune and Approved by, AICTE, New Delhi.)

Gat No. 309/310 ,Kusgaon (Bk), off Mumbai –Pune, Expressway.

Lonavala, Pune, 410401, Website : www.sinhgad.edu

Department of Computer Engineering

ACADEMIC YEAR 2022-23 SEM I

Vision and Mission of Institute

VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दाः वयम्।

We are committed to produce not only good engineers but good human beings, also.

MISSION

- We believe in and work for the holistic development of students and teachers.
- We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer.

VISION AND MISSION OF DEPARTMENT

VISION

Computer engineering department in association with user industry will harness knowledge and potential for application based product development in future, through world-class education to empower the society around.

MISSION

Computer Engineering department will be the widely recognized center of excellence for promoting value added engineering education. We will contribute by evolving innovative technology solutions to solve a wide range of complex scientific, technological and social problems.

SHORT TERM GOALS

- To continuously upgrade existing resources through qualified and experienced faculty and state-of-the-art laboratories.
- To initiate relevant value addition programs and certifications for improving employability.
- To strengthen the Institute-Industry relationship for mutual benefit.



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LONG TERM GOALS

- To establish a center of innovations in Agriculture, Tele-health and ICT sector in collaboration with Industry.
- To create center of excellence in network, security and computer vision.
- To establish a world class R&D institute for patent based research creating opportunities for faculty to be resource persons.

PROGRAM EDUCATIONAL OBJECTIVES

- 1) To prepare globally competent graduates having strong fundamentals and domain knowledge to provide effective solutions for engineering problems.
- 2) To prepare the graduates to work as a committed professionals with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.
- 3) To prepare committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking.
- 4) To prepare the graduates with strong managerial and communication skills to work effectively as individual as well as in teams.

PROGRAM OUTCOMES

Students are expected to know and be able –

- 1) To apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis and mathematical modeling to the solution of complex engineering problems.
- 2) To analyze the problem by finding its domain and applying domain specific skills
- 3) To understand the design issues of the product/software and develop effective solutions with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- 4) To find solutions of complex problems by conducting investigations applying suitable techniques.
- 5) To adapt the usage of modern tools and recent software.



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- 6) To contribute towards the society by understanding the impact of Engineering on global aspect.
- 7) To understand environment issues and design a sustainable system.
- 8) To understand and follow professional ethics.
- 9) To function effectively as an individual and as member or leader in diverse teams and interdisciplinary settings.
- 10) To demonstrate effective communication at various levels.
- 11) To apply the knowledge of Computer Engineering for development of projects, and its finance and management.
- 12) To keep in touch with current technologies and inculcate the practice of lifelong learning

PROGRAM SPECIFIC OUTCOMES (PSO)

A graduate of the Computer Engineering Program will demonstrate-

PSO1: Professional Skills-The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying.

PSO2: Problem-Solving Skills- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

PSO3: Successful Career and Entrepreneurship- The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

1. Faculty Details:

| Sr. No. | Name of the Faculty Member | Qualification | | | Association with the Institution | Designation | Date on which Designated as Professor/ Associate Professor | Date of Joining the Institution | Specialization |
|---------|----------------------------------|------------------------|---|--|----------------------------------|---------------------|--|---------------------------------|---------------------------------|
| | | Degree(Highest Degree) | University | Year of attaining higher qualification | | | | | |
| 1 | Dr. Babar Sachin Dilip | Ph.D | Aalborg University, Denmark | 2015 | 17 | Professor & Head | 19-12-2016 | 07-01-2006 | Wireless Communication |
| 2 | Mr.Kadam VikasSamarth rao | M.Tech. | BATU Lonere | 2009 | 16 | Associate Professor | 01-04-2010 | 03-08-2006 | Computer Engg. |
| 3 | Mr.NimbekarShrikrishan aBhanudas | M.E | SantGadge Baba Amaravati University | 2007 | 14 | Associate Professor | 12-08-2012 | 01-07-2008 | Electronics |
| 4 | Dr.ChaudhariManohar Santosh | Ph.D | Technical University of Sofia, Sofia, Bulgaria. | 2017 | 16 | Associate Professor | 01-04-2010 | 11-01-2007 | Communication Network & Systems |
| 5 | Ms.PatilShubhangiRaju | M.Tech. | RGPV Bhopal | 2007 | 13 | Associate Professor | 16-06-2010 | 16-06-2010 | Information Technology |
| 6 | Ms.Dhawas VaishaliNitin | M.E | SavitribaiPhule Pune University, Pune | 2013 | 15 | Asst. Professor | - | 15-06-2007 | Computer Engg. |
| 7 | Ms.Dhote Bharti Laxman | M.E | SavitribaiPhule Pune University, Pune | 2012 | 15 | Asst. Professor | - | 01-01-2008 | Computer Engg. |
| 8 | Mr.PatilNageshKeshvrao | M.E | SavitribaiPhule Pune University, Pune | 2019 | 14 | Asst. Professor | - | 16-06-2008 | Computer Engg. |
| 9 | Ms.ShishupaliRupaliSubhash | M.E | SavitribaiPhule Pune University, Pune | 2012 | 14 | Asst. Professor | - | 14-07-2008 | Computer Engg. |
| 10 | Ms.Adikane TejaswiniVithalrao | M.Tech. | Defence Institute of Advanced Technology | 2011 | 9 | Asst. Professor | - | 28-02-2014 | Comp Sci&Engg. |
| 11 | Mr.RautPrahantVyankatr | M.Tech. | RJTU | 2012 | 7 | Asst. Professor | - | 01-06-2016 | Comp Sci&Engg. |



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|----|-----------------------------------|------------|---|------|----|------------------------|----------------|--------------------|--------------------------------------|
| 12 | Mr.ChavanV ikramMadhu kar | M.E | SavitribaiP hule Pune University | 2012 | 10 | Asst. Professor | - | 02- 07- 2012 | VLSI &Embed ed systems |
| 13 | Ms.WaghSn ehalSitaram | ME | SavitribaiP hule Pune University | 2020 | 1 | Asst. Professor | - | 20-04- 2022 | Information Technology |
| 14 | Mr.JordanSa tishChoudha ri | ME | SavitribaiP hule Pune University | 2020 | 1 | Asst. Professor | - | 13- 06- 2022 | Information Technology |
| 15 | Dr.KaleVais hnavGorakh nath | Ph.D | Dr.B.A.M. U | 2018 | 1 | Associate Professor | 23-06- 2022 | 23-06- 2022 | Electronics Engineering |
| 16 | Mr. Joshi Krishna Kumar | M.TEC H | Rajasthan Technical University, Kota | 2013 | 1 | Asst. Professor | - | 22-07- 2022 | Comp Science Engg. |
| 17 | Ms.JoshiNee lam | M.TEC H | Rajasthan Technical University, Kota | 2013 | 1 | Asst. Professor | - | 28-07- 2022 | Software Engineering |
| 18 | Mr. Desai AjitkumarK eshav | M.TEC H | JNTU, Hyderabad | 2015 | 1 | Asst. Professor | - | 13-08- 2022 | Comp Sci&Engg. |
| 19 | Mr.KadamA molAchyutr ao | M.TEC H | SGGSIE& T (autonomo us) | 2019 | 1 | Asst. Professor | - | 07-09- 2022 | Electronics |
| 20 | Roshani N. Sathawane | M.Tech. | RTMNU | 2014 | 0 | Asst. Professor | - | 26-04- 2023 | Computer Science & Engineering |

2. FACULTY ACTIVITIES:

2.1. Faculty as participants in FDP/training activities/STTPs/FOP

| Sr. No | Name of Faculty | Name of Activity FDP/ STTP/ Workshop/ FOP | Level University/ State/National/ International | Title & short description | Date/ Duration | Venue |
|--------|-------------------|---|--|--|---|--|
| 1 | Dr.S.D.Babar | FDP | National | Research trends in Data Computing and Machine Learning | 22-05-2023 to 26-05-2023 | PCT's NMIET, Talegaon, Pune |
| 2 | Ms.V.N. Dhawas | FDP | State | Data Science | 6 th Feb to 10 th Feb 2023 | D. Y. Patil Institute of Engg& management Research, Akurdi |
| | | FDP | National | Research trends in Data Computing and Machine Learning | 22-05-2023 to 26-05-2023 | PCT's NMIET, Talegaon, Pune |
| | | FDP | National | Deep Learning Application Development, Tools and Research | 28 th Feb to 4 th Mar, 2023 | VIIT, Pune |
| 3 | Ms. B. L. Dhote | FDP | State | Machine Learning | 7 th Dec to 11 th Dec. 2022 | SIT, Lonavala |
| | | FDP | State | Research Insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT, Lonavala |
| | | FOP | SPPU, Pune | “Laboratory Practice-III (BE 2019 Course)” | 02 nd Aug 2022 | Department of Computer Engineering, MVPS's KBTCOE, Nashik |
| | | STTP | National | Emerging Technological Advancements and Practical Applications of Data Science | 16 th Jan to 20 th Jan 2023 | SKNSITS, Lonavala |
| | | FDP | National | Artificial Intelligence | 1 st Feb. to 3 rd Feb. 2023 | SIT, Lonavala |
| 4 | Ms.R.S. Shishupal | FDP | State | Machine Learning | 7 th to 11 th Dec. 2022 | SIT, Lonavala |
| | | STTP | National | Emerging Technological Advancements and Practical Applications of Data Science | 16 th Jan to 20 th Jan 2023 | SKNSITS, Lonavala |

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|---|--------------------|-----|------------|---|--|---|
| | | FDP | State | Data Science | 6 th Feb to 10 th Feb 2023 | D. Y. Patil Institute of Engg& management Research, Akurdi |
| | | FDP | National | Deep Learning Application Development, Tools and Research | 28 th Feb to 4 th Mar, 2023 | VIIT, Pune |
| 5 | Dr. V. G. Kale | FDP | National | Data Science using Machine Learning | 2 nd Jan to 6 th Jan 2023 | Pravara Rural Engineering College, Loni |
| | | FDP | State | Research Insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT, Lonavala |
| | | FDP | National | Artificial Intelligence | 1 st Feb to 3 rd Feb. 2023 | SIT, Lonavala |
| 6 | Mr. K. K. Joshi | FDP | National | Artificial Intelligence | 1 st Feb to 3 rd Feb. 2023 | SIT, Lonavala |
| | | FDP | National | Emerging Research Trends in Computer Science | 27 th Jul to 02 nd Aug. 2022 | AMITY University, Gwalior |
| | | FOP | SPPU, Pune | “Database Management System” TE (AI & DS) 2019 Course | 6 th Aug 2022. | MMIT, Lohgaon, Pune |
| | | FOP | SPPU, Pune | “Design and Analysis of Algorithms” (BE 2019 Course) | 29 th Jul 2022. | Modern Education Society's College of Engineering, Pune |
| 7 | Ms. S. S. Wagh | FDP | SPPU, Pune | Laboratory Practice-IV | 3 rd Aug 2022 | MMIT, Lohgaon, Pune |
| | | FDP | State | Research Insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT, Lonavala |
| | | FDP | National | Data Science: Tools and Research | 1 st Nov to 5 th Nov, 2022 | VIIT, Pune |
| 8 | Mr. S. B. Nimbekar | FDP | State | Research Insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT, Lonavala |
| | | FDP | National | Data Science: Tools and Research | 1 st Nov to 5 th Nov, 2022 | VIIT, Pune |
| 9 | Ms.N.K. Joshi | FDP | National | Emerging Research Trends in Computer Science | 27 th Jul to 02 nd Aug. 2022 | Department of Computer Science and Engineering, Amity University Madhya |

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| | | FDP | National | Data Science:Tools and Research | 1 st Nov to 5 th Nov, 2022 | VIIIT, Pune |
| | | FOP | University | Database Management System | 6th August 2022. | AI & DS Department,MMITLohgaon, Pune |
| 10 | Ms.N.K. Joshi | FDP | National | Research insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT,Lonavala |
| | | FDP | National | Artificial Intelligence | 1 st Feb. to 3 rd Feb. 2023 | SIT, Lonavala |
| | | FOP | University | Syllabus Revision Online FOP on “Design and Analysis of Algorithms” (BE 2019 Course) | 29 th Jul 2022. | Modern Education Society's College of Engineering, Pune |
| | | FOP | University | "Laboratory Practice - VI" (BE Computer Engineering 2019 Course) | 17th Jan 2023 | International Institute of Information Technology, Hinjawadi, Pune |
| | | FOP | University | “Laboratory Practice-IV” | 3 rd Aug 2022 | MMIT Lohgaon, Pune |
| 11 | Mr.A.A. Kadam | FDP | National | Artificial Intelligence | 1 st Feb to 3 rd Feb. 2023 | SIT, Lonavala |
| | | FDP | National | Data Science using Machine Learning | 2 nd Jan to 6 th Jan 2023 | Pravara Rural Engineering College, Loni |
| | | FDP | National | Internet of things-Industry 5.0 | 20 th Feb to 24 th Feb 2023 | SIT, Lonavala |
| | | FDP | State | Machine Learning | 7th to 11th Dec. 2022 | SIT, Lonavala |
| | | STTP | National | Emerging Technological Advancements and Practical Applications of Data Science | 16 th Jan to 20 th Jan 2023 | SKNSITS, Lonavala |
| 12 | Mr.J. Choudhari | FDP | National | Effective Teaching | 16 th Feb to 18 th Feb 2023 | Persistent,Pune |

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|----|----------------------|----------|------------|--|---|--|
| | | FDP | National | Artificial Intelligence | 1 st Feb. to 3 rd Feb. 2023 | SIT, Lonavala |
| 13 | Mr.A.K. Desai | FDP | National | Artificial Intelligence | 1 st Feb. to 3 rd Feb. 2023 | SIT, Lonavala |
| | | FDP | National | Effective Teaching | 16 th Feb to 18 th Feb 2023 | Persistent,Pune |
| 14 | Mr.N.K. Patil | FOP | University | Data Science | 17 th Jan 2023 | K. B. Jain College Of Engineering, Chandwad |
| | | FOP | University | Laboratory Practice - VI | 17 th Jan 2023 | International Institute of Information Technology, Hinjawadi, Pune, |
| | | FOP | University | Natural Language Processing | 20 th Jan 2023 | SIT,Lonavala |
| | | FOP | University | Advance digital signal processing | 20 th Jan 2023 | SIT,Lonavala |
| | | FOP | University | High performance computing | 20 th Jan 2023 | SIT,Lonavala |
| | | Workshop | National | Adoption of Guidance of UGC on Institutional development plan | 30 th Jan to 31 st Jan 2023 | SIT,Lonavala |
| | | FDP | National | Deep Learning | 23 rd Jan to 28 th Jan 2023 | AjeenkyaD.Y.Patil school of Engineering,Pune |
| | | FDP | National | Agumented and Virtual reality | 20 th Feb to 24 th Feb 2023 | VIIT,Pune |
| 15 | Dr.M.S. Choudhari | FDP | National | Internet of things- Industry 5.0 | 20 th Feb to 24 th Feb 2023 | SIT, Lonavala |
| | | Workshop | National | Recent trends in Deep learning | 9 th Feb to 10 th Feb 2023 | SKNSIT,Pune |



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|----|---------------|-----|------------|---|---|--|
| | | FOP | University | Elective V- Software Defined Network | 20 th January 2023. | Pune Institute of Computer Technology, Pune |
| 16 | Ms.S.R. Patil | FDP | National | Deep Learning Applications, Tools, Process Design and Development | 20 th Mar to 28 th Mar, 2023. | Department of Computer Engineering in association with IIC-MESCOE, an initiative of MHRD's Innovation cell |
| | | FDP | National | Advanced Pedagogy | 06 th Feb to 17 th Feb, 2023 | NITTTR,Kolkata |
| 17 | Mr.P.V. Raut | FDP | National | Data Science:Tools and Research | 1 st Nov to 5 th Nov 2022 | VIIT,Pune |
| | | FDP | National | Research insight 2022 | 28 th Nov to 2 nd Dec 2022 | SIT,Lonavala |
| | | FDP | National | Internet of things- Industry 5.0 | 20 th Feb to 24 th Feb 2023 | SIT, Lonavala |

2.2 Faculty Achievements:

2.2.1. Patents/Copyrights

1)Dr.S.D.Babar and Mr.P.V.Raut

Registration Number : A-133056/2020

Nature of the applicant's interest in the copyright of the work : AUTHOR

Class and description of the work :Artistic Work This Flowchart Depicts TheProcess of Generating High Resolution Images From Given Input Text.

Title of the work :Text To Image Generation Using Generative Adversarial Networks

2) Dr.S.D.Babar

Registration Number : L-120908/2023

Nature of the applicant's interest in the copyright of the work : AUTHOR

Class and description of the work :Literary/ Dramatic Work An Adaptive Algorithm For Word Sense Disambiguation Using MachineLearning Based Techniques Is Invented To Solve The Problem Of Lexical Ambiguity In NaturalLanguage Processing.

Title of the work :An Adaptive Algorithm For Word Sense Disambiguation Using Machine Learning Techniques.

3) Mrs. N. K. Joshi & Mr. K.K. Joshi

PATENT APPLICATION PUBLICATION (21) :

Application No.202241057065 A (19) INDIA (22)



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Date of filing of Application :04/10/2022 (43)

Publication Date : 21/10/2022 (54)

Title of the invention :Methodology Integrated With Machine Learning Algorithms To Predict The Soil Quality And Crop Yield As Per The Soil Fertility

4) Mrs. N. K. Joshi have been selected as an editor with Unique Editor id "IIPER1681143506 for the edited book series titled "Futuristic trends in Artificial intelligence"

(12) PATENT APPLICATION PUBLICATION (21) Application No. 202241057065 A
(19) INDIA
(22) Date of filing of Application :04/10/2022 (43) Publication Date : 21/10/2022

(54) Title of the invention : METHODOLOGY INTEGRATED WITH MACHINE LEARNING ALGORITHMS TO PREDICT THE SOIL QUALITY AND CROP YIELD AS PER THE SOIL FERTILITY

(71) Name of Applicant
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(94) Name of Attorney
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DR. SHI PRASAD BANDIRANG PATIL, SMT. KASHIBAI
NAVALE COLLEGE OF ENGINEERING, PUNE-411041
INDIAN

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FOR WORD SENSE DISAMBIGUATION USING MACHINE
LEARNING BASED TECHNIQUES IS INVENTED TO SOLVE
THE PROBLEM OF LEXICAL AMBIGUITY IN NATURAL
LANGUAGE PROCESSING.

5. Title of the work : AN ADAPTIVE ALGORITHM FOR WORD SENSE
DISAMBIGUATION USING MACHINE LEARNING
TECHNIQUES

6. Language of the work : ENGLISH

7. Name, address and nationality of the author and if the author is
deceased, date of his decease : CHANDRANANT DEEPIK KOKANE, SMT. KASHIBAI
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2.2.2. BOS/Advisory Member

1. Dr. S. D. Babar elected as a Board of Studies member for Computer Engineering.
2. Dr. S. D. Babar has worked as a member of department advisory board of AI and DS department, DYPIT, Pimpri, Pune.
3. Dr. S. D. Babar won the best paper award for the research paper "An adaptive algorithm for polysemous words in natural language processing".

| | |
|--|--|
| <p style="text-align: center;">सावित्रीबाई फुले पुणे विद्यापीठ (पूर्वीचे पुणे विद्यापीठ)</p> <p style="text-align: center;">SAVITRIBAI PHULE PUNE UNIVERSITY (Formerly University of Pune)</p> <p>निवडणूक विभाग प्लेनरूम, पुणे - ४११००४ फोन नं. : २५६११०१४ वेबसाईट : www.unipune.ac.in election.unipune.ac.in संपर्क क्र. : ४४७७७७७/५२</p> <p style="text-align: right;">Election Section Ganeskhind, Pune - 411 007 Phone No. : 25621014 Email ID. : election@unipune.ac.in Website : www.unipune.ac.in दिनांक : ३० जानेवारी २०२२</p> <p>प्रति, १. मा. डॉ. योगेश्वर अमोल झारनेकर सॉफ्ट इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ रिसर्च सेंटर, डिस्क रोड, महाराष्ट्र, नाशिक - ४२२२१३</p> <p>२. मा. डॉ. उषे निवेश जर्जावन के. जे. ए. डी. व्हे टिनिटी अकॅडमी ऑफ इंजिनियरिंग, कोटगा-सासवड रोड, पुणे - ४११०४८</p> <p>३. मा. डॉ. बाबू सविन विठ्ठल सिंहगड इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, सई नं. ३०९/३१०, कुसगाव रु. लोणवळा, सा. मावळ, जि. पुणे - ४११०४०</p> <p>विषय : संलग्न महाविद्यालये, भाव्यतापत्रक परिशिष्टा यांच्या विभागप्रमुखांच्या मटानून विज्ञान व संरक्षण विद्यापीठसर्वत, कॉम्प्युटर इंजिनियरिंग या अत्यांत मंडळावर सदस्य म्हणून निवडून आल्याप्रमाणे.</p> <p>माहोदय, आपणांस कळविण्यात आणून घ्यावे की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ४०(२)(ग)(४०(२)(क)) नुसार संलग्न महाविद्यालये व भाव्यतापत्रक परिशिष्टा यांच्या विभागप्रमुखांच्या मटानून आपण विद्यापीठाच्या विज्ञान व संरक्षण विद्यापीठसर्वत, कॉम्प्युटर इंजिनियरिंग या अत्यांत मंडळावर सदस्य म्हणून निवडून आल्याने मी पोषित करित आहे.</p> <p>आपणांस पुढे असेही कळविण्यात येते की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६, कलम ६२ मधील तरतुदीनुसार आपल्या सदस्यत्वाची मुदत दिनांक ३१ ऑगस्ट, २०२१ पर्यंत अथवा महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ६३ आणि ६४ मधील तरतुद अथवा महाराष्ट्र शासनाकडून देऊन येईल. या अटीतून कोणत्याही अटीतून यादीची जे अगोदर घेवले त्या तारखेस लागू राहतील.</p> <p>विद्यापीठाच्यावतीने आपले हार्दिक अभिनंदन !</p> <p>कळणे,</p> <p style="text-align: right;">अमला, (डॉ. प्रफुल्ल पवार) कुलसचिव</p> | <p style="text-align: center;">DPU Dr. D. Y. Patil Institute of Technology PIMPRI, PUNE - 411018 (ID No. PU/PUNE/ENG/125/1998 (AISSE Code : C-42227) (NBA Accredited - 6 EG & 1 PG Program NAAC Accredited A Grade with 3.26 CGPA) Approved by All India Council for Technical Education, Affiliated to Savitribai Phule Pune University, Pune</p> <p style="text-align: center;">Dr. P. D. Patil Chairman</p> <p style="text-align: center;">Dr. Bhagyashree Patil Vice Chairperson</p> <p style="text-align: center;">Dr. Somnath Patil Secretary</p> <p style="text-align: center;">Dr. L. K. Wadhwa Principal</p> <p>Ref. No. : D J T / 2022-23 / A J C P S Date : 16/01/2022</p> <p>To,</p> <p>Dr. Sachin D. Babar Professor (Computer Engineering), SIT Lonavala</p> <p>Subj - Invitation to join as Member of Department Advisory Board (DAB) of Artificial Intelligence and Data Science Department, DYPIT, Pimpri Pune</p> <p>Dear Sir,</p> <p>Dr. D. Y. Patil Institute of Technology, Pimpri, Pune was established in July, 1998. The institute is situated in the vicinity of Pimpri-Chinchwad industrial belt, which is one of the biggest industrial belts in Asia. The Department offers graduate course (B.E. in Artificial Intelligence and Data Science) under the ambit of Savitribai Phule Pune University. The Institute is committed to serve globally by contributing to its socioeconomic transformation through creation of world class educational facilities in various disciplines of engineering education at all levels.</p> <p>The Department has introduced Department Advisory Board members under the guidelines of NBA. We hereby extended the invitation to you to join the committee as a member of DAB. We should be highly honored to have you as a part of this committee. The purpose of this committee is:</p> <ul style="list-style-type: none"> • Innovation approach to implement Teaching-Learning for outcome based education • Support Mechanism to implement outcome based Engineering education. • Academic performance and learning Outcomes. <p>I request you to kindly accept this invitation and enlighten us by your esteemed suggestions. Please reply us your acceptance for the same.</p> <p style="text-align: center;">HOD, Department of AI&DS Engineering DYPIT, Pimpri, Pune.</p> <p style="text-align: right;">Sant Tukaram Nigam, Pimpri, Pune - 411018, Maharashtra (India) • Tel. : +91-20-27805298 / 99 Email : info.eng@dypp.edu.in, principal.eng@dypp.edu.in • Web : eng.dypp.edu.in</p> <p style="text-align: center;">f dpu_engineering DPU Engineering dpu_engineering DPU Engineering</p> |
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INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING & COMMUNICATION SYSTEMS
ICACECS-2022
11th & 12th Aug, 2022
VNR Vignana Jyothi Institute of Engineering and Technology
Department of Computer Science & Engineering

CERTIFICATE OF APPRECIATION

This certificate is proudly presented to

Mr Chandrakant Kokane, Dr Sachin Babar & Dr Parikshit Mahalle

won the Best paper Award for the Research Paper An Adaptive Algorithm for Polysemous Words in Natural Language Processing at "3rd International Conference on Advances in Computer Engineering and Communication System (ICACECS-2022)" held at Department of Computer Science and Engineering, VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJIEET) Hyderabad, Telangana, India during 11th - 12th August 2022.

Dr. A. Brahmananda Reddy
Corresponding Editor and
Conference Chair ICACECS-2022

Dr. S. Nagini
Head of the Department
Editor and Conference Chair ICACECS-2022

2.2.3: Certification

1. Dr.S.D.Babar has completed 5 hrs teaching TOEFL test certification.



2.3 Interaction with outside world (Guest Lecture/Reviewer/Session Chair/Syllabus design)

| Sr. No. | Name of the Faculty | Activity | Date | Venue |
|---------|---------------------|--|---------------------------|--|
| 1 | Dr.S.D.Babar | Internal Examiner for pre-synopsis PhD presentation | 16th Mar 2023 | SKNCOE,Pune |
| | | Examiner for PhD comprehensive presentation | 24 th Mar 2023 | D.Y.Patil college of Engineering,Aakurdi |
| | | Delivered expert session on “Data structures and algorithms” | 26 th Aug 2022 | Kalsekar Technical Campus,NewPanvel |
| | | Chairman-Exam - TE 2019 Course Paper-Human Computer Interface (Elective - I) (Theory) (Sem.-I) (310245(B)) ,(Theory) | 30 Jan 2023 | SPPU,Pune |
| | | Paper Setter & Examiner-Exam - SE 2015 Course Paper-Object Oriented Programming (210245) , (Theory) | 3 Aug 2022 | SPPU,Pune |
| | | As a selection committee member | 13 th Feb 2023 | Modern college of Arts, Science and Commerce |
| | | Delivered expert session on topic Fundamental of Data structures | 7 th Jan 2022 | D.Y.Patil,Warale |



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Department of Computer Engineering

| | | | | |
|---|--------------------|--|--|--|
| | | External Examiner for Block chain technology | 16 th Dec 2022 | RSCOE,Pune |
| | | Subject expert in Information Technology | 22 nd Sep 2022 | ZEAL CoE and Research,Pune |
| | | Session chair for the 6 th International conference on Computing Communication control and Automation | 26 th -27 th Aug 2022 | PCCOE,Nigdi |
| | | External Examiner for SY MTech. | 22 nd Jul 2022 | VIT,Pune |
| | | Expert in Assesment committee for progress presentation of PhD. | 20 th Feb 2023 | SKNCOE,Pune |
| | | External Subject expert for research topic approval | 16 th Jan 2023 | VIT,Pune |
| 2 | Mr. K. K. Joshi | Reviewer | 24 th to 25 th Feb, 2023 | Shriram Institute of Information Technology, Bhopal |
| | | Oral Presentation on “Chrome Extension for Detection and Prevention of Phishing websites and related attacks by using Machine Learning and Deep Learning” In the International Conclave on Materials, Energy & Climate | 12 December to 14 December 2022 | Indira Gandhi Delhi Technical University for Women, Delhi, India |
| 3 | Mrs. N. K. Joshi | Training on Project Management Techniques and JIRA tool | 20-21 March 2023 | Appexigo Technologies (P) Ltd , Noida |
| 4 | Mr. S. B. Nimbekar | Expert Lecture in FOP on Advanced Digital Signal Processing Computer Engineering, SPPU Pune | 20 th Jan 2023 | SIT, Lonavala (Online) |
| 5 | Dr.M.S.Choudhari | Resource Person in FOP for the subject Elective V- Software Defined Network. | 20 th Jan 2023 | Pune Institute of Computer Technology, Pune |
| 6 | Ms.V.N.Dhawas | Reviewer in Virtual National Level Student Conference IEEE TECHNICOKNOCKDOWN-2023(TDK-23) | 4 th May 2023 | Sinhgad Institute of Technology,Lonavala |
| 7 | Ms.R.S.Shishupal | Reviewer in Virtual National Level Student Conference IEEE TECHNICOKNOCKDOWN-2023(TDK-23) | 4 th May 2023 | Sinhgad Institute of Technology,Lonavala |

Sinhgad Institute of Technology
Vishwakarma Institute of Technology
(Formerly Pune University)

Date: 16/01/2023

To,
Dr. Sachin Dilip Babar
Professor, Dept. of Computer Engineering,
Sinhgad Institute of Technology, Lonavala

Subject: Invitation as an external subject expert to conduct research topic approval presentations.

Dear Sir

As per the norms of Savitribai Phule Pune University, we are happy to invite you as an external subject expert to conduct research topic approval presentations of two PhD research scholars at Research Centre, Department of Computer Engineering, Vishwakarma Institute of Technology, Pune.

The presentations are scheduled on Tuesday, 24/01/2023 from 10 am to 2 pm in Research Lab, Department of Computer Engineering, Vishwakarma Institute of Technology, Bibwewadi, Pune. Details of the students are given below.

| Eligibility No. | Name | Proposed Research Topic |
|-----------------|-----------------------------|--|
| 12021497057 | Shirhari Dilip Khattawkar | Postgraduate Disease Detection using Multi-channel Deep Learning Model |
| 12021497054 | Samitra Purushottam Pundlik | Pattern recognition and classification using fusion of CNN and Fuzzy neural networks |

You are kindly requested to make it convenient to attend the same, and also requested to acknowledge your acceptance.

Thanking you,

Sandip Shinde
Prof. (Dr). Sandip Shinde
Professor and Head of Department of Computer Engineering
Vishwakarma Institute of Technology, Pune - 411037

Society For Computer Technology and Research's
Pune Institute of Computer Technology, Pune
Department of Computer Engineering
One day FOP on 'Software Defined Network'
under the guidance of
Board of Studies-Computer Engineering, Savitribai Phule Pune University, Pune

Certificate of Appreciation
This Certificate is presented to
Dr. M. S. Chaudhari

in recognition of sharing valuable knowledge and participating as a Resource Person in Online Faculty Orientation Program on the new Curriculum for BE-Computer Engineering (2019 Course) for the subject "Elective V - Software Defined Network (410252C)" held on 20 th January 2023.


Dr. G. V. Kale
Convener & HOD
(Computer Engineering)
PICT


Dr. Varsha Patil
Chairman, BOS
(Computer Engineering)
SPPU, Pune


Dr. S. T. Gandhi
Principal,
PICT


Dr. P. T. Kulkarni
Director,
PICT

Next Generation Networks
Certificate of Appreciation
is awarded to
Ms. Vaishali N. Dhavas

for contribution as Reviewer in Virtual National Level Student Conference,
IEEE TECHNICOKNOCKDOWN - 2023 (TKD-23)
virtually organised by the Department of E&TC Engg, Sinhgad Institute of Technology,
Lonavala Technically Sponsored by IEEE Bombay Section and IETE Pune Local Center
Supported by IEEE SITSB & IETEISF on May 04, 2023.


Dr. D. S. Hantri
Convener
IEEE TKD-22


Dr. D. D. Chaudhary
Organising Chairman
IEEE TKD-22


Dr. V. V. Shete
Chair, IETE, Pune Center


Mr. D. S. Sawant
Chair, SAC, IEEE, Bombay Section


Dr. M. S. Galkwad
Principal, SIT Lonavala

Next Generation Networks
Certificate of Appreciation
is awarded to
Ms. Rupali S. Shishupal

for contribution as Reviewer in Virtual National Level Student Conference,
IEEE TECHNICOKNOCKDOWN - 2023 (TKD-23)
virtually organised by the Department of E&TC Engg, Sinhgad Institute of Technology,
Lonavala Technically Sponsored by IEEE Bombay Section and IETE Pune Local Center
Supported by IEEE SITSB & IETEISF on May 04, 2023.


Dr. D. S. Hantri
Convener
IEEE TKD-22


Dr. D. D. Chaudhary
Organising Chairman
IEEE TKD-22


Dr. V. V. Shete
Chair, IETE, Pune Center


Mr. D. S. Sawant
Chair, SAC, IEEE, Bombay Section


Dr. M. S. Galkwad
Principal, SIT Lonavala

2.4 Research Publications of Faculty(Paper/Book Chapter)

| Sr. No | Author | Title of Publication | Month and Year | Name of Conference / Journal | Vol / Issue | ISSN/ ISBN No. | Citation Index | Level NC/IC/NJ/ IJ/UGC |
|--------|-----------------|---|----------------|---|----------------|-------------------|----------------|------------------------|
| 1 | Dr.S.D. Babar | An adaptive algorithm for polysemous words in Natural Language Processing | 18 March 2023 | Springer, Singapore | 612 | 978-981-19-9227-8 | | |
| 2 | Mr. K. K. Joshi | Digital Gram Panchayath Services | November 2022 | International Journal of Advanced Research in Science, Communication and Technology | Vol 2, Issue 3 | 581-9429 | | |





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2.5 Faculty Pursuing PhD:

| Sr. No. | Name of the Faculty | Topic | University | Year of Ph.D. | Supervisor's Name |
|---------|---------------------|---|---------------------------------------|---------------|--------------------------|
| 1 | Mr. V. S. Kadam | Machine Learning | Visveshwarya Technological | Dec2015 | Dr.V.M.Rohokale |
| 2 | Mr. S. B. Nimbekar | An Intelligent system for agriculture | Visveshwarya Technological University | Feb 2016 | Dr.G.U.Kharat |
| 3 | Mr. P. V. Raut | Computer aided classification of ophthalmic diseases and risk grading using digital colorfundus | SPPU | Feb 2020 | Dr.S.D.Babar |
| 4 | Ms.S.R.Patil | Deep Learning | RGPV,Bhopal | Mar 2019 | Dr.UdaypratapsinghChavan |
| 5 | Ms.R.N.Sathavane | Machine Learning | Alwar,Rajsthan | July 2019 | Dr.SwapnilDhote |
| 6 | Ms.N.K.Joshi | An efficient Supervised Transfer Learning Model for classification | Mangalayatan university | Jan 2022 | Dr.Sumit Kumar Sonkar |


3. STUDENTS ACTIVITIES

3.1 Student Participation in State/National/International events:

3.1.1 NPTEL/Other certification/IIT spoken Tutorial

| Sr.No. | Name of Student | Subject | Date | Award |
|--------|-----------------|--|--------------------------|-----------|
| 1 | AniketSandbhor | NPTEL certification on cloud computing | 01-01-2023 to 01-04-2023 | Completed |
| 2 | AkshayPawar | NPTEL certification on Database Management System | 01-01-2023 to 01-03-2023 | Completed |
| 3 | Ankur Singh | NPTEL certification on Programming in JAVA | 01-01-2023 to 01-03-2023 | Completed |
| 4 | MayurPatil | Data Science:R programming complete diploma 2023 | 25-03-2023 | Completed |
| 5 | MayuriChikne | Data Science:Python for data analysis 2023 full bootcamp | 10-05-2023 | Completed |
| 6 | RohitRathod | C test | 26-04-2022 | Completed |

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|----|-----------------------|--|------------|-----------|
| 7 | RohitRathod | Ensemble machine learning models bootcamp | 25-03-2023 | Completed |
| 8 | RohitRathod | CSS excercises | 07-02-2023 | Completed |
| 9 | Nikhil Yadav | Data science and machine learning fundamentals | 23-03-2023 | Completed |
| 10 | Nikhil Yadav | Python programming basics to advanced level | 02-06-2023 | Completed |
| 11 | AniketSandbhor | Basics of python | 04-03-2023 | Completed |
| 12 | AniketSandbhor | Programming Basics | 09-2022 | Completed |
| 13 | Rohit Kumar | Master Data Management for Beginners | 30-10-2022 | Completed |
| 14 | Rohit Kumar | Developer Virtual Experience Program | 20-10-2022 | Completed |
| 15 | Rohit Kumar | Python for beginners | 10-2022 | Completed |
| 16 | Rohit Kumar | Java script and React JS | 10-2022 | Completed |
| 17 | PrathmeshUgale | What is Data Science? | 20-05-2023 | Completed |
| 18 | Astha Singh | AI and Machine Learning | 31-01-2023 | Completed |
| 19 | Shubham Sanjay Gawade | Front end web development using Java script and react Js | 04-2023 | Completed |
| 20 | Shubham Sanjay Gawade | The ultimate pandas and Postgre SQL bootcamp-Data Analysis | 10-05-2023 | Completed |
| 21 | SumitPatil | Java and C++ complete course for beginners | 16-01-2023 | Completed |
| 22 | Adarsh Pandey | Online Data Security | 24-02-2023 | Completed |
| 23 | Adarsh Pandey | Cyber Security Tutorial Cyber Security Training For Beginners Cyber Security Simplilearn | 24-02-2023 | Completed |
| 24 | KeshavSah | Python 101 for Data Science | 21-02-2023 | Completed |
| 25 | AbhayKharbadkar | Bootcamp in Text Analytics and NLP | 11-03-2023 | Completed |

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|--|--------------------|----------------|----------------|----------|--|
| <div style="text-align: center;">  <p>Elite NPTEL Online Certification <small>(Funded by the MCE, Govt. of India)</small></p>  <p>This certificate is awarded to ANIKET YASHVANT SANDBHOR for successfully completing the course</p> <p>Cloud Computing</p> <p>with a consolidated score of 65 %</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td>Online Assignments</td> <td>23.75/25</td> <td>Proctored Exam</td> <td>41.33/75</td> </tr> </table> <p>Total number of candidates certified in this course: 11454</p> <p>Jan-Apr 2023 (12 week course)</p>  <p>Prof. Debjani Chakraborty Coordinator, NPTEL IIT Kharagpur</p>  <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL23CS42564481796 To validate the certificate  No. of credits recommended: 3 or 4</p> </div> | Online Assignments | 23.75/25 | Proctored Exam | 41.33/75 | |
| Online Assignments | 23.75/25 | Proctored Exam | 41.33/75 | | |



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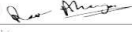
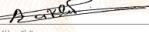


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| |  <p>Udemy Certificate no: UC-7bc3-000-94c2-40M-996a-888ce97ba56 Certificate url: udemy/UC-7bc3-000-94c2-40M-996a-888ce97ba56 Reference Number: 0004</p> <p>CERTIFICATE OF COMPLETION</p> <h2>Data Science: R Programming Complete Diploma 2023</h2> <p>Instructors: SDEArts Octavo, Ahmed Ibrahim</p> <p>Mayur Suresh Patil Date: March 25, 2023 Length: 8 total hours</p> |
|  <p>Udemy Certificate no: UC-4f86ca-0983-7650-5c9a485c31a0f Certificate url: udemy/UC-4f86ca-0983-7650-5c9a485c31a0f Reference Number: 0004</p> <p>CERTIFICATE OF COMPLETION</p> <h2>Java And C++ Complete Course for Beginners 2022</h2> <p>Instructors: Krishvalley</p> <p>Sumit Hemant Patil Date: Jan 16, 2023 Length: 6.55 total hours</p> |  <p>IBM SkillsBuild Completion Certificate</p> <p>This certificate is presented to ADARSH PANDEY</p> <p>for the completion of Online data security Khan Academy (URL-DE5111A56F27) As indicated by this learner</p> <p>Completion date: 24 Feb 2023 (GMT) Learning hours: 1 hr 30 mins</p> |
|  <p>Infosys Navigate your next</p> <p>COURSE COMPLETION CERTIFICATE</p> <p>The certificate is awarded to Aniket Sandbhor for successfully completing the course Basics of Python on Saturday, March 4th 2023</p> <p>Infosys Springboard Congratulations! You make us proud!</p> <p><i>Thirumala Anchi</i> Thirumala Anchi Senior Vice President and Head Education, Training and Assessment (ETA) Infosys Limited</p> <p>Issued on: Saturday, March 4th 2023 This certificate can be verified by scanning the QR code at https://verify.springboard.com</p> |  <p>Udemy Certificate no: UC-08e6f8b-8ba-4c39-9790-dca9d70843ab Certificate url: udemy/UC-08e6f8b-8ba-4c39-9790-dca9d70843ab Reference Number: 0004</p> <p>CERTIFICATE OF COMPLETION</p> <h2>Data Science: Python for Data Analysis 2023 Full Bootcamp</h2> <p>Instructors: Ahmed Ibrahim, SDEArts Octavo</p> <p>Mayuri Chikane Date: May 10, 2023 Length: 8 total hours</p> |



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| <p>IBM SkillsBuild Completion Certificate</p>  <p>This certificate is presented to ADARSH PANDEY</p> <p>for the completion of Cyber Security Tutorial Cyber Security Training For Beginners Cyber Security Simplilearn (URL-OLRDSGG9MPW) As indicated by this learner</p> <p>Completion date: 24 Feb 2023 (GMT) Learning hours: 1 hr 13 mins</p> |  <p>CERTIFICATE</p> <p>PRESENTED TO</p> <p>Abhay Kharbadkar</p> <p>has successfully completed Bootcamp in Text Analytics and NLP at YBI Foundation on 11 Mar'23</p> <p>Date : Saturday, Mar 11 2023 Certificate ID : 1436400002472847 YBI Foundation</p> <p>www.ybifoundation.org (+91) 9667987711 support@ybifoundation.org</p> |
|  <p>May 20, 2023</p> <p>PRATHMESH UGALE</p> <p>has successfully completed What is Data Science? an online non-credit course authorized by IBM and offered through Coursera</p>   <p>Ray Aashu Global Program Director, Skills Ecosystem</p> <p>Ashu Aashu, Ph.D. Data Science</p> <p>Verify at: https://coursera.org/verify/OLRDSGG9MPW Coursera has confirmed the identity of this learner and their participation in the course.</p> <p>COURSE CERTIFICATE</p>  | <p>IBM SkillsBuild Completion Certificate</p>  <p>This certificate is presented to Aastha Singh</p> <p>for the completion of AI And Machine Learning Full Course Artificial Intelligence & Machine Learning Course Simplilearn (URL-WNQQFPCPK1G) As indicated by this learner</p> <p>Completion date: 31 Jan 2023 (GMT) Learning hours: 9 hrs 48 mins</p> |





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|---|---|
| | <p>CERTIFICATE</p> <p>Presented To</p> <p>Rohit Rathod</p> <p>has successfully completed Ensemble Machine Learning Models Bootcamp at YBI Foundation on 25 March'23</p> <p>Saturday, Mar 25 2023 1436400002842942</p> <p>YBI Foundation</p> <p>www.ybifoundation.org (+91)9667987711 support@ybifoundation.org</p> |
| | <p>Corporate Finance Institute.</p> <p>The Board of Directors of the Corporate Finance Institute® have conferred on</p> <p>NIKHIL YADAV</p> <p>who has pursued studies and completed all the requirements for the certificate of</p> <p>Data Science and Machine Learning Fundamentals</p> <p>with all the rights and privileges pertaining to this certificate.</p> <p> Certificate number: 7927999</p> <p><i>Scott Powell</i> Chief Content Officer</p> <p>March 22, 2023</p> |
| <p>Udemy</p> <p>Certificate no. UC-2268888-1228-4460-44605919109 Certificate no. UC-2268888-1228-4460-44605919109 Reference Number: 0004</p> <p>CERTIFICATE OF COMPLETION</p> <p>Python Programming - From Basics to Advanced level [2023]</p> <p>Instructors: EdYoda Digital University, Dipesh Sharma</p> <p>Nikhil Anil Yadav</p> <p>Date: June 2, 2023 Length: 8 total hours</p> | <p>Great Learning</p> <p>CERTIFICATE OF COMPLETION</p> <p>Presented to</p> <p>Aniket Sandbhor</p> <p>For successfully completing a free online course Programming Basics</p> <p>Provided by Great Learning Academy (On September 2022)</p> |

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|---|--|-------------------------------|---|--------------------------------|-----------------------------|--------------------------------|---------------------|-----------------------|--------------|-------------------------------|------------------------------|------------------------------|--|--|---------------------|------------------|--|--|--|
|  <p style="text-align: center;">Certificate of Achievement</p> <p style="text-align: center;">Congratulations!</p> <p style="text-align: center;">Rohit Kumar</p> <p style="text-align: center;">for successfully completing Master Data Management for Beginners a course that covers Master Data Management</p> <p style="text-align: center;">Start Date: 30 Oct 2022 End Date: 30 Oct 2022</p> <p style="text-align: center;"><i>Mehul Mehta</i> Mehul Mehta Global Delivery Head - TCS iON, Tata Consultancy Services</p> <p style="text-align: right;">CERTIFIED Cert ID: 7129-038456-0314 Date: 30 Oct 2022</p> |  <p style="text-align: center;">accenture</p> <p style="text-align: right;">Forage Inspiring and empowering future professionals</p> <p style="text-align: center;">Rohit Kumar Developer Virtual Experience Program</p> <p style="text-align: center;">Certificate of Completion October 20th, 2022</p> <p style="font-size: small;">Over the period of October 2022, Rohit Kumar has completed practical tasks in:</p> <table style="font-size: x-small; width: 100%;"> <tr> <td>Define technical requirements</td> <td>Design changes for an existing architecture</td> <td>Build on premise system</td> <td>Infrastructure in the cloud</td> <td>Reading and understanding code</td> <td>Attention to detail</td> </tr> <tr> <td>Developing algorithms</td> <td>Unit testing</td> <td>User Acceptance Testing - UAT</td> <td>Security maturity assessment</td> <td>API policies and permissions</td> <td></td> </tr> <tr> <td>Securing the software development lifecycle (SDLC)</td> <td>Shaping the Problem</td> <td>Data and privacy</td> <td></td> <td></td> <td></td> </tr> </table> <p style="font-size: x-small;"> Johnny Rosenby Nordic Recruitment Director Tom Brunkill CEO, Co-Founder of Forage </p> <p style="font-size: x-small;"> Document Verification Code: 075532CCT000P0K User Verification Code: 2304633mPrm0H0W Issued by Forage </p> | Define technical requirements | Design changes for an existing architecture | Build on premise system | Infrastructure in the cloud | Reading and understanding code | Attention to detail | Developing algorithms | Unit testing | User Acceptance Testing - UAT | Security maturity assessment | API policies and permissions | | Securing the software development lifecycle (SDLC) | Shaping the Problem | Data and privacy | | | |
| Define technical requirements | Design changes for an existing architecture | Build on premise system | Infrastructure in the cloud | Reading and understanding code | Attention to detail | | | | | | | | | | | | | | |
| Developing algorithms | Unit testing | User Acceptance Testing - UAT | Security maturity assessment | API policies and permissions | | | | | | | | | | | | | | | |
| Securing the software development lifecycle (SDLC) | Shaping the Problem | Data and privacy | | | | | | | | | | | | | | | | | |
|  <p style="text-align: center;">devtown</p> <p style="text-align: center;">CERTIFICATE OF PARTICIPATION</p> <p style="text-align: center;">PRESENTED TO</p> <p style="text-align: center;">ROHIT KUMAR</p> <p style="text-align: center;">for successfully completing 7-days FREE Bootcamp on PYTHON for Beginners - October 2022</p> <p style="text-align: center;">In collaboration with MLSA KIIT Chapter</p> <p style="text-align: center;">In collaboration with GDSC KIIT Chapter</p> <p style="text-align: center;">SHAURYA SINHA Co-Founder, DevTown</p> <p style="text-align: center;">Sinhgad Institute of Technology</p> |  <p style="text-align: center;">IBM</p> <p style="text-align: center;">This is to certify that</p> <p style="text-align: center;">Keshav Kumar Sah</p> <p style="text-align: center;">successfully completed and received a passing grade in</p> <p style="text-align: center;">Python 101 for Data Science (PY101EN, provided by IBM)</p> <p style="text-align: center;">A course on skillsbuild.skillsnetwork.site Powered by IBM Developer Skills Network.</p> <p style="text-align: center;">Issued by IBM SkillsBuild</p> <p style="text-align: center;">Cognitive Class</p> <p style="text-align: center;">February 21, 2023</p> <p style="font-size: x-small;"> Authenticity of this certificate can be validated by going to: https://courses.skillsbuild.skillsnetwork.site/certificates/9ba13648957544075edcab0ed33295a4 </p> | | | | | | | | | | | | | | | | | | |

3.1.1 Sports/Other Competition

| S.No | Class | Student Name | Event Name | Organization | Date | Award / Recognition | Institute/State/ National/ International |
|------|-------|------------------|-----------------------------------|--------------|--------------------------|---------------------|--|
| 1 | TE | JayeshU davant | Inter computer department cricket | SIT,Lonavala | | RunnerUp | - |
| 2 | TE | ShubhamPatil | Lawn Tennis | SIT,Lonavala | 11-04-2023 to 13-04-2023 | Winner | Intra Campus Tournament |
| 3 | TE | ChetanP arihar | Inter computer department cricket | SIT,Lonavala | | Winner | |
| 4 | TE | Pratiksh ajadhav | Foot Ball | SIT,Lonavala | 27-02-2023 to 05-03-2023 | Winner | Intra Campus Tournament |



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| 5 | TE | Pratiksh ajadhav | Volley Ball | SIT,Lonavala | 06-03-2023 to 12-03- 2023 | Winner | Intra Campus Tournament |
| 6 | TE | Gayatri atil | Shot Put | SIT,Lonavala | 05-04-2023 to 06-04- 2023 | RunnerUp | Intra Campus Tournament |
| 7 | TE | Shubha mGawad e | Volley Ball | SIT,Lonavala | 06-03-2023 to 12-03- 2023 | RunnerUp | Intra Campus Tournament |
| 8 | TE | Sangam Swami | Volley Ball | SIT,Lonavala | 06-03-2023 to 12-03- 2023 | RunnerUp | Intra Campus Tournament |
| 9 | TE | Vallabh parkhi | Code War | SIT,Lonavala | 04-05-2023 | RunnerUP | Technical Event |

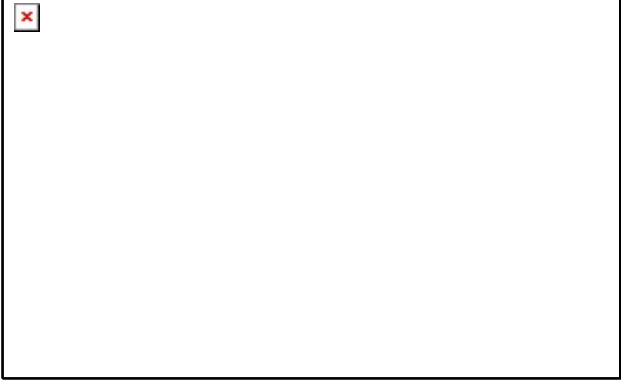

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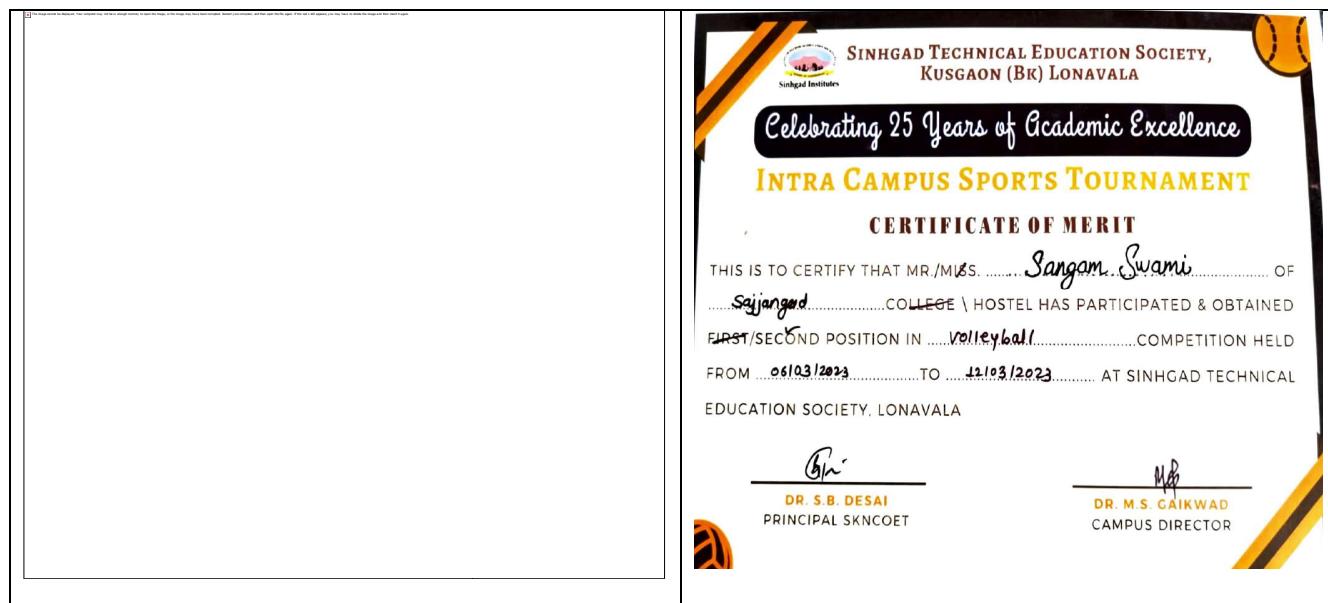


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|  <p>SINHGAD TECHNICAL EDUCATION SOCIETY KUSGAON (BK) LONAVALA</p> <p><i>Celebrating 25 Years of Academic Excellence</i></p> <p>INTRA CAMPUS SPORTS TOUR</p> <p>CERTIFICATE OF MERIT</p> <p>THIS IS TO CERTIFY THAT MR./MISS. <i>Pratiksha Tadhe</i> <i>Kaveri</i>.....COLLEGE \ HOSTEL HAS PARTICIPATED IN FIRST/SECOND POSITION IN <i>Volleyball</i>.....CAMPUS FROM <i>06/03/2023</i>.....TO <i>12/03/2023</i>..... AT SINHGAD TECHNICAL EDUCATION SOCIETY, LONAVALA</p> <p><i>Bir</i> DR. S. B. DESAI PRINCIPAL SKNCOET</p> <p><i>-1</i> DR. M. S. DESAI CAMPUS</p> | |



3.2 Student Internships:

| Sr. No | Class | Name of Student | Topic/ Area | Organized By | Duration | Status |
|--------|-------|----------------------|---|--------------------------|---------------------------|-----------|
| 1 | TE | SaurabhKashid | Web development | Ahen | 12-04-2023 | Completed |
| 2 | TE | MayurPatil | JAVA development | OASIS INFOBYTE | 05-03-2023 | Completed |
| 3 | TE | Mr. Divyanshu Mishra | Web Development | Infidigiworld | 10-09-2022 to 10-11-2022. | Completed |
| 4 | TE | Tanay Raj Singh | JAVA development | OASIS INFOBYTE | 10-03-2023 | Completed |
| 5 | TE | MayuriChikne | Front end development | CUB to KING IT solutions | 01-01-202 to 01-03-2023 | Completed |
| 6 | TE | Rohitrathod | Web development and designing | OASIS INFOBYTE | 12-02-2023 | Completed |
| 7 | TE | RishviKumari | Junior Developer | AshtanuBuildcon | 30-01-2023 to 15-03-2023 | Completed |
| 8 | TE | Shreya Suryawanshi | Machine learning and data science with python | Fastfindfirm | 18-01-2023 to 04-04-2023 | Completed |
| 9 | TE | ShriyaHelande | Web development | Learngoinfotech | 25-01-2023 to 08-03-2023 | Completed |
| 10 | TE | ShraddhaAlhat | Web development | Learngoinfotech | 25-01-2023 to 08-03-2023 | Completed |
| 11 | TE | LokeshKhadse | Full stack developer | Alhansat Solutions | 12-12-2022 to 12-02-2023 | Completed |



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|----|----|--------------------------|--|---------------------------------------|---------------------------|-----------|
| 12 | TE | RutujaManwatkar | Full Stack Developer | Alhansat Solutions | 12-12-2022 to 12-02-2023 | Completed |
| 13 | TE | Nikhil Yadav | Data Science | Pregrad | 03-01-2023 to 05-04-2023 | Completed |
| 14 | TE | Nikhil Yadav | Data Visualization | Forage | 08-02-2023 | Completed |
| 15 | TE | Karan PralhadWagh | Java Development | INTERN CROWD | 18-03-2023 to 18-04-2023 | Completed |
| 16 | TE | PrathmeshUgale | Fundamental ofMachine Learning with Python for Business & Data Analytics | YBIFoundation | 03-04-2023 to 02-05-2023. | Completed |
| 17 | TE | ShubhamGawade | Fundamental ofMachine Learning with Python for Business & Data Analytics | YBIFoundation | 03-01-2023 to 02-02-2023 | Completed |
| 18 | TE | ChaitanyaBargal | Fundamental of Machine Learning with Python for Business &DataAnalytics | YBIFoundation | 18-02-2023 to 17-03-2023 | Completed |
| 19 | TE | Sangam Swami | Fundamental ofMachine Learning with Python for Business & Data Analytics | YBIFoundation | 03-01-2023 to 02-02-2023 | Completed |
| 20 | TE | RajeshwariRanjethDhavale | Full stack web development | Skolar | 01-10-2022 to 30-12-2022 | Completed |
| 21 | TE | SumitPatil | Web development | VGroomU | 1-03-2023 to 15-04-2023 | Completed |
| 22 | TE | Shaikh Sumer | Web development | TechnoHacks | 31-05-2023 | Completed |
| 23 | TE | Shaikh Sumer | Bricks supply management system | Operand technologies and it solutions | 25-09-2022 to 25-12-2022 | Completed |



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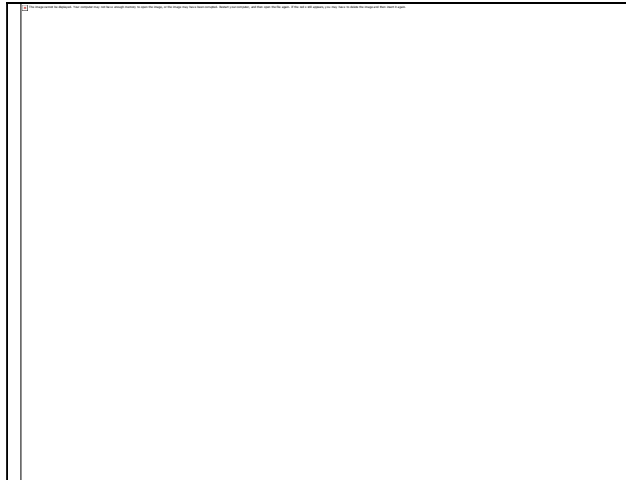
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| <p style="text-align: right; font-size: small;">CINLU74999FN2022PTC215</p> <h1 style="text-align: center;">Certificate</h1> <p style="text-align: center;">OF COMPLETION</p> <p style="text-align: center;">PROUDLY PRESENTED TO</p> <p style="text-align: center;"><i>Saurabh Anilkumar Kashid</i></p> <p style="text-align: center;">For successful completion of internship in Web Development with wonderful remarks at Ahen.</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>12-04-2023</p> <p>DATE</p> <p> ahenbookit@gmail.com</p> </div> <div style="text-align: center;"> <p>_____ HARSHAD JATHOT CEO, AHEN</p> <p> www.ahenbookit.com</p> </div> </div> | |
| | |
| <div style="display: flex; justify-content: space-between;"> </div> <h1 style="text-align: center;">CERTIFICATE</h1> <p style="text-align: center;">OF APPRECIATION</p> <p style="text-align: center;">IS PRESENTED TO :</p> <p style="text-align: center;"><i>Sumit Hemant Patil</i></p> <p style="text-align: center;">For successful completion of internship program in Web Development With VGrooM Pvt. Ltd. from 01-Mar-2023 to 15-Apr-2023.</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>_____ Mayur Borkar CHIEF MANAGER CO-ORDINATOR</p> </div> <div style="text-align: center;"> <p>_____ Saurav Kumar DIP</p> </div> </div> | |



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Lonavala, Pune, 410401, Website : www.sinhgad.edu
Department of Computer Engineering




Certificate of Completion

Chaitanya Bargal

has successfully completed one month internship at YBI Foundation in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 18th February'23 to 17th March'23.

Date: Monday, Mar 20 2023
14364000001933090

YBI Foundation

www.ybifoundation.org (+91) 966 798 7711 support@ybifoundation.org

Reg No. - MH-34-0015486
Website - <https://infyidigiworld.com/>
Contact Number - 9405418046



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Divyanshu Mishra, worked as Web Development Intern in Infy DigiWorld from 10th September 2022 to 10th November 2022.

University Name - Savitribai Phule Pune University
Duration - 10th September 2022 to 10th November 2022.
Team - Information Technology

During our association, we have found him to be a very efficient and conscientious person. We are confident that the experiences and insights gained while working in our company on some very important and complex projects will be of immense help to his career and will put him on a sure footing, he will be an asset to any institution. I take this opportunity to thank him and wish him all the best for his future.

We wish him every success in life.


Shubham Kalpande
Founder - Infy DigiWorld Firm




CERTIFICATE OF COMPLETION

OASIS INFOBYTE

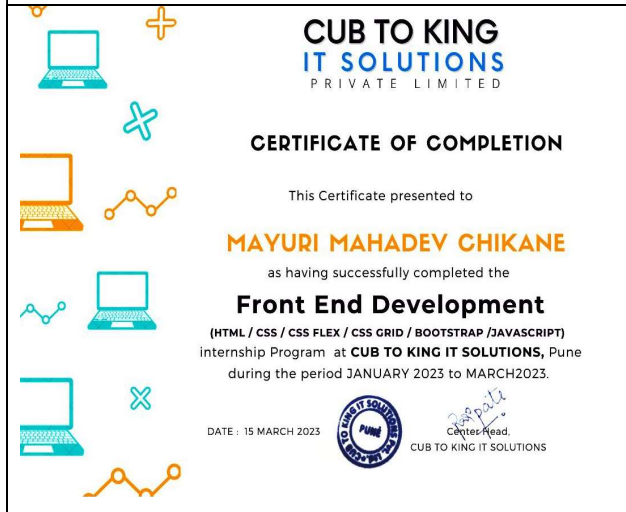
3/10/2023

This certificate is proudly presented to

Tanay Raj Singh

for successful completion of 1 month internship in **Web Development and Designing** with wonderful remarks at **OASIS INFOBYTE**

contact@oasisinfobyte.in | 01872191867 | www.oasisinfobyte.com

CUB TO KING IT SOLUTIONS PRIVATE LIMITED

CERTIFICATE OF COMPLETION

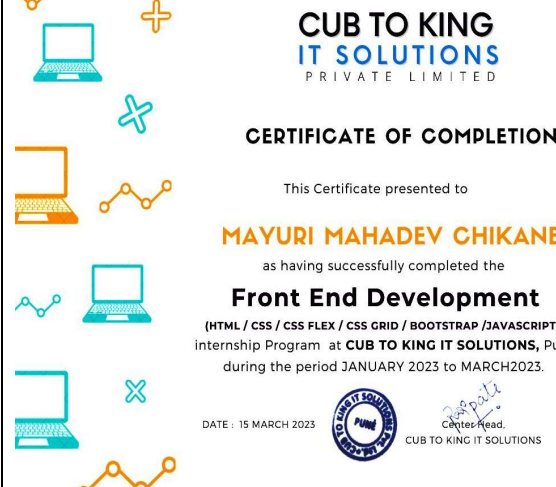
This Certificate presented to


MAYURI MAHADEV CHIKANE

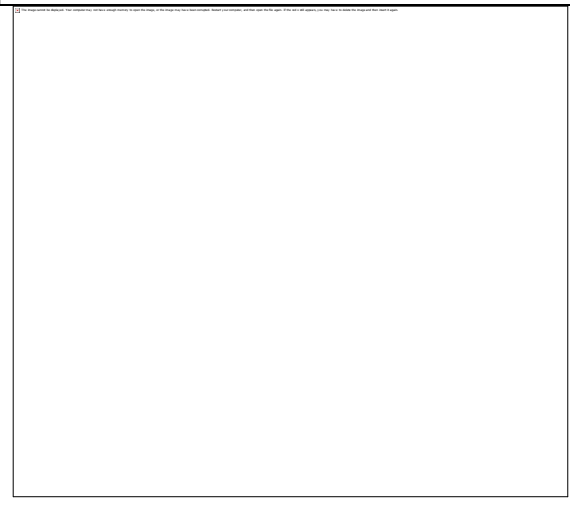
as having successfully completed the

Front End Development
(HTML / CSS / CSS FLEX / CSS GRID / BOOTSTRAP / JAVASCRIPT)
internship Program at **CUB TO KING IT SOLUTIONS**, Pune during the period JANUARY 2023 to MARCH 2023.

DATE : 15 MARCH 2023




Center Head,
CUB TO KING IT SOLUTIONS





ASTHANU BUILDCON

Corporate Office: ASTHANU BUILDCON, INTERNET DE STUDY CENTRE SCHOOL, CHANDOLA ROAD, DANAPUR, PATNA-801503
 Web: www.asthanubuildcon.com, Email: info@asthanubuildcon.com, Mob: 7544873535, 8877553555

Date: 18/03/2023

INTERNSHIP CERTIFICATE


This is to certify that **Rishvi Kumari** has worked as a **Junior Developer** during the period 30/01/2023 to 15/03/2023 and has successfully completed the internship. During the internship period Rishvi Kumari has shown an incredible amount of responsibility, sincerity a genuine willingness to learn and zeal to take on new assignments & challenges. In Particular the developments skills are par excellence and the attention to details is impressive.

We wish Rishvi Kumari all the very best for their future endeavors.

Sincerely,

Deepak Kumar Pandey
 HEAD HR
 ASTHANU BUILDCON

Registered Office: Asthanu Buildcon, H/o- R.D.Singh, Nayatola , Saguna , Danapur, Patna-801503, Bihar
 Mob.No.-7544873535, 8877553555.



Certificate



OF INTERNSHIP

This certificate is awarded to

Shreya Sujit Suryawanshi

FOR THE
 COMPLETION OF INTERNSHIP IN THE DOMAIN OF MACHINE
 LEARNING AND DATA SCIENCE WITH PYTHON AT
 FASTRINFIRM FROM 18TH JANUARY 2023 - 04TH APRIL 2023

FF23ML&DS19
 CERTIFICATE CODE

FASTRINFIRM
 MAHARASHTRA, INDIA



LEARNALGO INFOTECH

COMPLETION CERTIFICATE

Shriya Subhash Helande

LearnAlgo InfoTech presents this certificate to you for your dedication and service as Web Development intern for the period from 25/01/23 to 08/03/23.

We wish you best for your career!


 Founder




LEARNALGO INFOTECH

COMPLETION CERTIFICATE

Shradha Sunil Alhat

LearnAlgo InfoTech presents this certificate to you for your dedication and service as Web Development intern for the period from 25/01/23 to 08/03/23.

We wish you best for your career!


 Founder






Date: 15/02/2023

INTERNSHIP CERTIFICATE

This is to certify that **Lokesh Khadse** has worked as a **Full Stack Developer Intern** during the period 12/12/2022 to 12/02/2023 and has successfully completed the internship. During the internship period, Lokesh Khadse hand shown an incredible amount of responsibility, sincerity, a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, the development skills are par excellence, and the attention to details is impressive.

We wish Lokesh Khadse all the very best for their future endeavors.

Sincerely,

Hannan Satopay
 Chief Executive Officer





Date: 15/02/2023

INTERNSHIP CERTIFICATE

This is to certify that **Rutuja Manwatkar** has worked as a **Full Stack Developer Intern** during the period 12/12/2022 to 12/02/2023 and has successfully completed the internship. During the internship period, Rutuja Manwatkar has shown an incredible amount of responsibility, sincerity, a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, the development skills are par excellence, and the attention to details is impressive.

We wish Rutuja Manwatkar all the very best for their future endeavors.

Sincerely,

Hannan Satopay
 Chief Executive Officer

Alhansat Solutions Private Limited
 2nd Floor, Kagawala House, Behind Metro House, EKC, Mumbai, Maharashtra - 400098
 CH: 172200(M)029729(9946) | GST: 27AAVCA1881A123
 W: alhansat.com | E: hannan@alhansat.com | M: +919999297408

| | |
|--|--|
|  <p>Pregrad Certificate of Internship</p> <p>This certificate is to certify that</p> <p style="text-align: center;"><i>Nikhil Anil Yadav</i></p> <p>has completed a 3-month training with Pregrad from 03/01/2023 to 05/04/2023. During his/her internship in Data Science Associate, Nikhil Anil Yadav has demonstrated outstanding dedication to helping us achieve our goal. He/she has shown excellent persuasion skills and can work independently very well.</p> <p style="display: flex; justify-content: space-around;">  Ankur Saxena Founder  Madhav Chaturvedi Founder </p> |  <p style="text-align: right;"> Inspiring and empowering future professionals</p> <p style="text-align: center;">NIKHIL YADAV Data Visualisation: Empowering Business with Effective Insights</p> <p style="text-align: center;">Certificate of Completion February 8th, 2023</p> <p><small>Over the period of February 2023, NIKHIL YADAV has completed practical tasks in:</small></p> <p style="font-size: small;"> Framing the Business Scenario Choosing the Right Visuals Creating Effective Visuals Communicating Insights and Analysis </p> <p style="text-align: right;"> Tom Brunskill CEO, Co-Founder of Forage</p> |
|  <p>INTERN CROWD Intern Crowd Limited Liability Partnership <small>LLPIN: ABZ-5937 Email: interncrowd@gmail.com Website: www.interncrowd.in</small></p> <p style="text-align: center;">Date: 21th April 2023 ID: INB4YJPS62m</p> <p style="text-align: center;">TO WHOM IT MAY CONCERN</p> <p>This is Certify that Karan Pralhad Wagh has completed an internship as an Java Development from 18 March 2023 to 18 April 2023.</p> <p>During this internship period, we found him to be highly sincere, hardworking, result-oriented and innovative during his tenure with us. We wish him all the best in all his future endeavours.</p> <p>On behalf of company, we wish to record our sincere appreciation for his time rendered and would like to wish him a success in his career.</p> <p>For Intern Crowd Limited,  Miss. Prachi Patil (Co-Founder)</p> <p>Verify at: https://interncrowd.in/certificate-validation.htm?user_id=intern_654</p> | |

3.3 Student Publications/Patent

| Sr. No | Author | Title of Publication | Month and Year | Name of Conference / Journal | Vol / Issue | ISSN/ ISBN No. |
|--------|--------------------|---|----------------|--|-----------------|------------------|
| 1 | Shreya Suryawanshi | Comprehensive summarization about cyber security and database | 1-01-2023 | International Journal of advance in engineering and management | Vol-5,issue -01 | 2395-5252 |
| 2 | Mr.Shubham Patil | Sustainable agriculture protection system from heavy rain,hail storm and high temperature | 14-12-2022 | IPR | | 20222107 2217 |



Certificate of Publication

This is to confirm that
Shreya Suryawanshi
Published following article
A Comprehensive Summarization about Cyber Security and Data
Volume 5, Issue 01, pp:397-402
www.ijaem.net
A Peer Reviewed Journal

International journal of Advances in Engineering
and Management (IJAEM)
ISSN: 2395-5252



सत्यमेव जयते
G.A.R.6
[See Rule 22(1)]
RECEIPT



INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Controller General of Patents, Designs & Trade Marks

Docket No 79890

To
Shubham Deepak Patil

VILL/POST Wayphale, The- Tasgaon, Dist - Sangli, Maharashtra

CBR Detail:

| Sr. No. | Ref. No./Application No. | App. Number | Amount Paid | C.B.R. No. | Form Name | Remarks |
|---------|--------------------------|-------------------------|-------------|------------|-----------|---|
| 1 | 202221072217 | TEMP/E-1/83705/2022-MUM | 1760 | 32903 | FORM 1 | Sustainable agricultural protection system from heavy rain, hail storm and high temperatures. |

| TransactionID | Payment Mode | Challan Identification Number | Amount Paid | Head of A/C No |
|---------------|----------------------|-------------------------------|-------------|------------------|
| N-0001068082 | Online Bank Transfer | 1412220022243 | 1760.00 | 1475001020000001 |

Total Amount : ₹ 1760.00
Amount in Words: Rupees One Thousand Seven Hundred Sixty Only
Received from Shubham Deepak Patil the sum of ₹ 1760.00 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hence no signature required.

3.4 Student participation in workshops/Training programs/Webinars

| Sr. No | Name of Student | Name of Activity | Title & short description | Date/Duration | Venue |
|--------|-----------------------|------------------|--------------------------------|--------------------------|---------------------|
| 1 | PranaySahare | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 2 | RishviKumari | Webinar | Python Programming | 16-02-2023 | TechnoHacks Edutech |
| 3 | GayatriShivkumarPatil | Training | Web Development CSS3 and HTML5 | 25-01-2023 to 25-03-2023 | Worinwell |
| 4 | RutujaManwatkar | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |



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Department of Computer Engineering

| | | | | | |
|----|-------------------------|---------------------|--|---------------------------|------------------------|
| 5 | AniketLamkhade | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 6 | Nikhil yadav | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 7 | VedantJadhav | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 8 | MohitMahadik | Webinar | Ethical hacking | 17-02-2023 | Technohacks |
| 9 | MohitMahadik | Training | Data visualization bootcamp | 18-03-2023 | YBI foundation |
| 10 | Shardul Santosh Mahajan | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 11 | Aniket Sandbhor | Training | Android Development | 01-03-2023 to 15-04-2023 | VGroomUpvt.ltd. |
| 12 | Aniket Sandbhor | Webinar | Live industrial program on trending technologies and development | 27-02-2023 | Coincent |
| 13 | Shreyas Dhore | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 14 | Vedant Chandegave | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 15 | Prathmesh Ugale | Webinar | Python Programming | 16-02-2023 | TechnohacksEduTech |
| 16 | Prathmesh | Summit | Entrepreneurship | 28-01-2023 to 29-01-2023 | EcellIIT,Bombay |
| 17 | SavyasachiAcharya | Training | Advance Excel Bootcamp | 28-04-2023 | Testbook skill academy |
| 18 | KunalSoni | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 19 | Astha Singh | HR workshop | How to be Industry-Ready | 17-04-2023 | BETSOL |
| 20 | RajeshwariDhaval | Summit | Entrepreneurship | 28-01-2023 to 29-01-2023 | EcellIIT,Bombay |
| 21 | Yuvraj Singh Rathore | Industrial Training | Industry Mentor | 01-01- 2023 to 28-02-2023 | IntrAinZ |





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Department of Computer Engineering

| | |
|---|--|
| |  <p>BETSOL One Team One Dream</p> <h3>Certificate of Participation</h3> <p>This certificate is awarded to</p> <p><u>Aastha Singh</u></p> <p>For his/her active and invaluable participation in an HR Workshop on "How to be Industry-Ready" conducted by BETSOL</p> <p>17th April 2023 Date</p> <p><i>Neha Sawant</i> Neha Sawant Manager- HRM, BETSOL</p> |
|  <p>BETSOL One Team One Dream</p> <h3>Certificate of Participation</h3> <p>This certificate is awarded to</p> <p><u>Vedant Chandegave</u></p> <p>For his/her active and invaluable participation in an HR Workshop on "How to be Industry-Ready" conducted by BETSOL</p> <p>17th April 2023 Date</p> <p><i>Neha Sawant</i> Neha Sawant Manager- HRM, BETSOL</p> |  <p>groomU Open Skills Ready</p> <p>REF NO - VGU/PTC058772/2023/AC/01</p> <h3>CERTIFICATE OF APPRECIATION</h3> <p>IS PRESENTED TO:</p> <p><i>Aniket Yashvant Sandbhor</i></p> <p>For successful completion of training program in Android development With VGroomU Pvt. Ltd. from 01-Mar-2023 to 15-Apr-2023.</p> <p><i>Mayur Borkar</i> MAYUR BORKAR CEO, VGROOMU</p> <p><i>Saurav Kumar</i> Saurav Kumar SFO</p> |
|  <p>BETSOL One Team One Dream</p> <h3>Certificate of Participation</h3> <p>This certificate is awarded to</p> <p><u>Shardul Santosh Mahajan</u></p> <p>For his/her active and invaluable participation in an HR Workshop on "How to be Industry-Ready" conducted by BETSOL</p> <p>17th April 2023 Date</p> <p><i>Neha Sawant</i> Neha Sawant Manager- HRM, BETSOL</p> |  <h3>CERTIFICATE OF PARTICIPATION</h3> <p>Is here by presented to</p> <p><u>Aniket Yashvant Sandbhor</u></p> <p>For his/her active and valuable participation during the conduct of one hour webinar workshop on, "Live industrial program on Trending technologies and development" Held on February 2023 via interactive zoom live</p> <p>27-02-2023 Issued Date</p> <p>Coincent Learning Drives Excellence</p> <p><i>P. Satya</i> P. Satya Webinar coordinator</p> |





4. Activities Organized in the Computer Engineering Department

4.1. Title of Activity:-Faculty orientation programme on machine learning (ay 2022-23)

Day & Date:-Monday 29/07/2022

Faculty Coordinators: -Prof. V G Kale ,Prof V S Kadam

Objectives:- To give insights on syllabus, delivery methods of lectures for final year subject-
 “Machine Learning”

Target Audience :-Faculty members of Computer Department.

Resource person : Dr. ParikshitMahalle, Dr.SheetalSonavane,DrAjitkumarShitole

Short Summary of the Event One day faculty orientation program was organized by Department of computer Engineering with SPPU on "Machine Learning" on 29/07/2022. The Machine Learning subject is for the Fourth year of computer Engineering (2019 course). The objective of the program was make the final year faculties of computer Engineering department



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Lonavala, Pune, 410401, Website : www.sinhgad.edu

Department of Computer Engineering

familiar about the subject called Machine Learning. Next thing was to make understand the faculties about how much the subject depth understanding to be given to the students so as to familiarize the effective academic teaching. In all 06 units from the syllabus of Machine Learning were discussed and elaborated through online presentation by the 06 Expertee in Machine Learning from various institutes under SPPU. The Program was inaugurated with Welcome Speech by the Principal Dr.M.S.Gaikwad and Address speech by Dr.VarshaPatil ,Chairman ,BOS, Computer Engineering , SPPU ,Pune. The keynote address was given by Dr.ParikshitMahalle from VIIT,Pune. The overall Coordination was done by Dr.V.G.Kale and Mr.V.S.Kadam under the guidance of Dr.S.D.Babar, HOD Computer Engineering

About S.T.E.S.

The Sinhgad Technical Education Society , with its motto of engineering academic excellence has successfully thrived in the field of education since last 30 years. The visionary behind this entire umbrella of education, Honourable President, Prof. M.N. Navale has nurtured this group of institutes into the most sought-after academic place by number of students over the years. The Group is benchmarked in every aspect and a higher merit in multiple fields of technical education. Every Institute is duly accredited by NAAC/ NBA, approved by AICTE and affiliated to Savitribai Phule Pune University. Standing very true to its vision, the Institute's endeavour is to improve in all aspects of Value based quality Education benchmarked beyond Emulation. Every Institute has an independent presence with enviable state-of-the-art infrastructure and all the facilities and resources, which makes it an ideal place for learning. The excellent campuses constitute of various academic institutes run by capable, efficient and qualified resource-people, drawn from various disciplines.

About SIT.

Sinhgad Institute of Technology (SIT), Lonavala established in 2004 is affiliated to Savitribai Phule Pune University, approved by AICTE. SIT is involved in practicing teaching learning methodologies of excellence to deliver quality engineering education for students all over India. SIT, one of the fastest growing engineering colleges in Maharashtra, offers Graduate courses in the Department of Computer Engineering, Information Technology, Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering, and Post Graduate Course in Department of Electrical Engineering.

- Sessions will be conducted online on Microsoft Teams Platform.
- Online Registration is mandatory for participation.
- E-certificate will be provided to all participants on attendance and submission of feedback form.

CHIEF PATROSS

Hon. Prof. M. N. Navale,
Founder President, STES, Pune
Dr. (Mrs.) S. M. Navale,
Founder Secretary, STES, Pune
Mr. Rohit M. Navale,
Vice-President (HR), STES, Pune
Mrs. Rachana Navale Ashdtekar
Vice-President (Admin), STES, Pune

PATRON

Dr. M.S. Gaikwad
Principal & Campus Director, SIT, Lonavala.

CONVENER

Dr. S. D. Bahar
Professor and Head
Dept. of Computer Engineering, SIT, Lonavala.

ADVISORY COMMITTEE

| | |
|-----------------------|---|
| Dr. K. V. Kale | Vice Chancellor, SPPU |
| Dr. S. A. Sonawane | Pro-Vice Chancellor |
| Dr. M. G. Chankar | Dean, Faculty of Science, SPPU. |
| Dr. Prasad Patil | Assoc. Dean, Faculty of Science & Tech., Member, BOS- COMP, SPPU. |
| Dr. Varsha Patil | Chairman, BOS- COMP, SPPU. |
| Dr. S. S. Sase | Member, BOS-COMP, SPPU. |
| Dr. M. L. Dhose | Member, BOS-COMP, SPPU. |
| Dr. R. V. Paril | Member, BOS-COMP, SPPU. |
| Dr. (Mrs.) S. A. Ikar | Member, BOS-COMP, SPPU. |
| Dr. P. M. Yawalkar | Member, BOS-COMP, SPPU. |
| Dr. Geetanjali Kale | Member, BOS-COMP, SPPU. |
| Dr. Swati Bhavsar | Member, BOS-COMP, SPPU. |
| Mr. R. Venkateswaran | Member, BOS-COMP, SPPU. |
| Mr. Girish Khilari | Member, BOS-COMP, SPPU. |
| Mr. Sachin Lodha | Member, BOS-COMP, SPPU. |

Keynote Speaker

Dr. Parikshit Mahalle
Professor & Head AI & DS, VIIT, Pune

Co-ordinator

| | |
|--------------------|------------|
| Dr. V. G. Kale- | 9649864995 |
| Prof. V. S. Kadam- | 9975380444 |

S.T.E.S.'s
Sinhgad Institute of Technology, Lonavala
Department of Computer Engineering
in association with
Board of Studies, Computer Engineering,
Savitribai Phule Pune University, Pune
Organizing

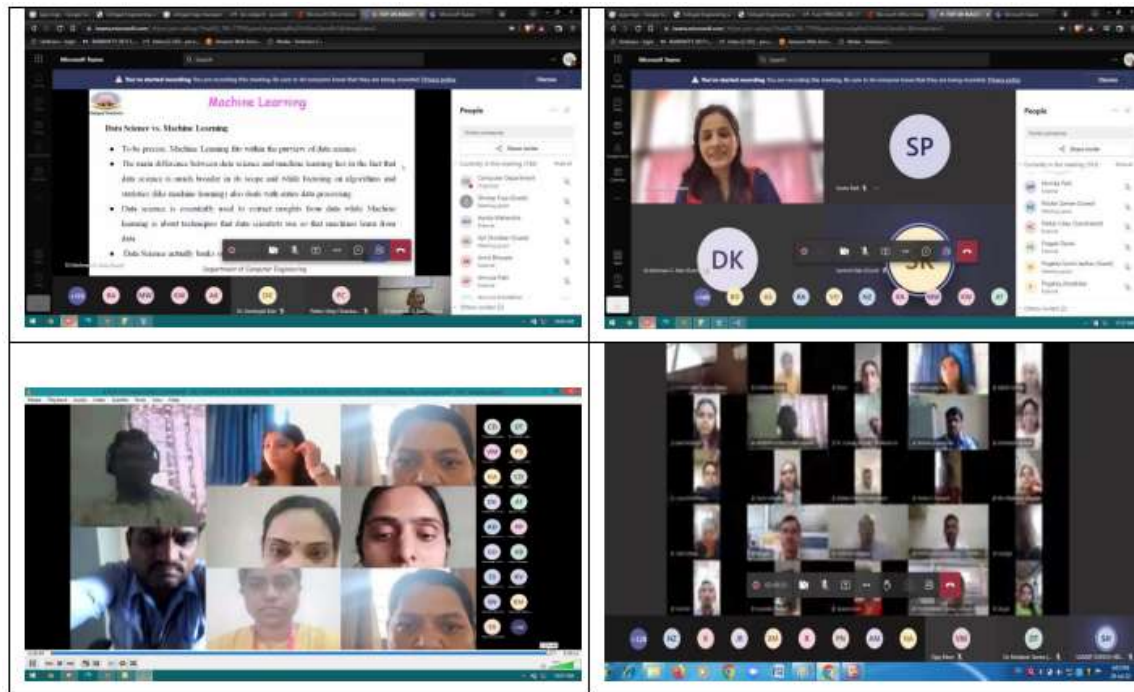
**One Day
Online Faculty Orientation Program of
Machine Learning (410242)
B. E. Computer Engineering (2019 Course)**

on
29th July 2022

Registration Link
<https://forms.gle/3bkSB583CCL5yFoXA>

Brochure of FOP

Glimpses



4.2. Title of Activity: -Faculty Orientation Program (FDP) on " Artificial Intelligence"

Date:- 01/02/2023 to 03/02/2023

Faculty Coordinators: - Dr.V.G.Kale

Objectives:- To give insights on Artificial Intelligence, Deep Learning and Machine Learning

Target Audience :- Faculty members of SIT, Lonavala and SKNSITS, Lonavala (Total 36)

Resource person : Mr. Amol P. Patil, Edunet foundation

Short Summary of the Event :One day Faculty Development Program was organized by Department of Computer Engineering, Sinhgad Institute of Technology, Lonavala under TechSaksham in Collaboration with Microsoft and SAP, Edunet foundation, on "Artificial Intelligence" from 01/02/202 to 03/02/2023. The Inauguration program was carried out in the morning at 9:30 am on 01/02/2023. The welcome speech was given by Dr.M.S.Gaikwad, Principal SIT, Lonavala. The vote of thanks was given by Dr.Sachin D. Babar. The overall Coordination was done by Dr.V.G.Kale under the guidance of Dr.S.D.Babar, HOD Computer Engineering. The program was conducted in six sessions.

Glimpses:

Inauguration Snapshots:



4.3. Title of Activity: -Faculty Orientation Program B.E. Computer (2019Course)

Subject: Natural Language Processing [410252-A]

Date:- 20th January 2023

Faculty Coordinators: - Dr.V.G.Kale

Objectives:- The objective of the program was make the final year faculties of computer Engineering department familiar about the subject called Natural Language Processing. Next thing was to make faculties understand about how much the subject depth understanding is to be given to the students so as to familiarize the effective academic teaching.

Target Audience :- Faculty members of Computer Engineering of SPPU (Total 169)

Resource person : Prof. DipaliChandre, Prof. Chandrakantkokane

Short Summary of the Event :One day faculty orientation program was organized by Department of computer Engineering, Sinhgad Institute of Technology in association with Board of Studies, Computer Engineering, SPPU, Pune on "Natural Language Processing" on 20/01/2023. The Machine Learning is an Elective subject for theFourth year of computer Engineering (2019 course). In all 06 units from the syllabus of NLP were discussed and elaborated through online presentation by the 03



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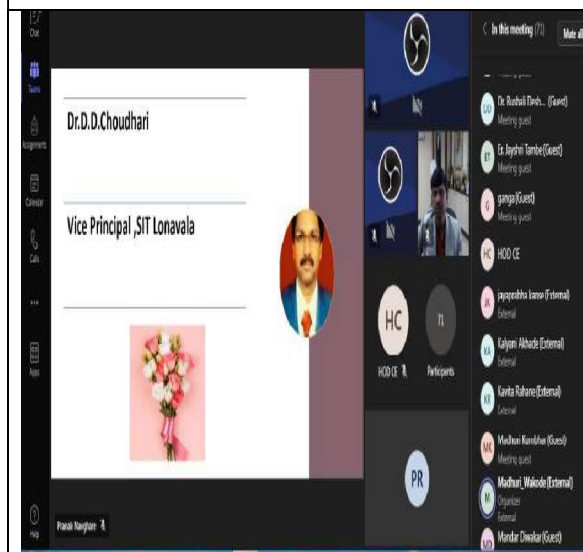
Department of Computer Engineering

Expertee in NLP from various institutes under SPPU. The Inauguration program was carried out jointlywith PICT, Pune. The welcome speech was given by Dr.S.T.Gandhe Principal, PICT, Pune andDr.D.D.Chaudhari, Vice Principal SIT, Lonavala ,Address speech by Dr.V.H.Patil BOS Chairman, andDr.A.D.Potgantwar, BOS member, Computer Engineering , SPPU ,Pune. The vote of thanks was givenby Dr.Sachin D. Babar BOS member, Computer Engineering , SPPU ,Pune. The overall Coordinationwas done by Dr.V.G.Kale under the guidance of Dr.S.D.Babar, HOD Computer Engineering.

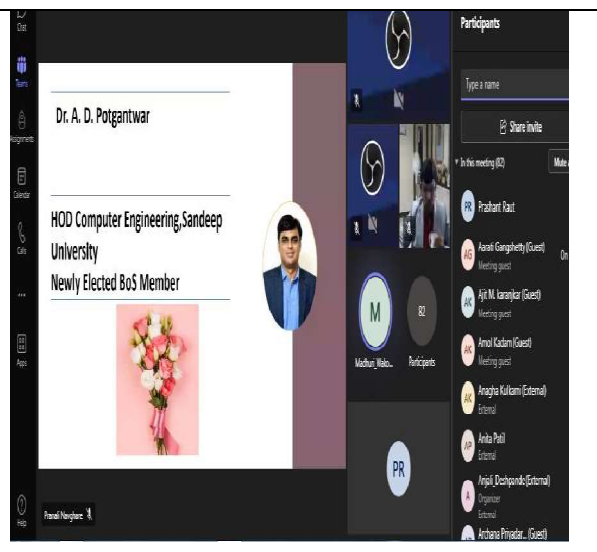
Glimpses:



Brochure of FOP



Sample Certificate of Participant



4.4. Title of Activity: -Teachers' Day & Engineer's Day Celebration (AY 2022 - 23)

Date:- Tuesday 13th Sept 2022

Faculty Coordinators: - Prof. S B Nimbekar

Dept.Tel.:+91 2114-673490, Office : 02114 673355 ,673356, email:hodce.sit@sinhgad.edu, Web Site: www.sinhgad.edu

Objectives:- To celebrate Engineer's and Teachers' Day.

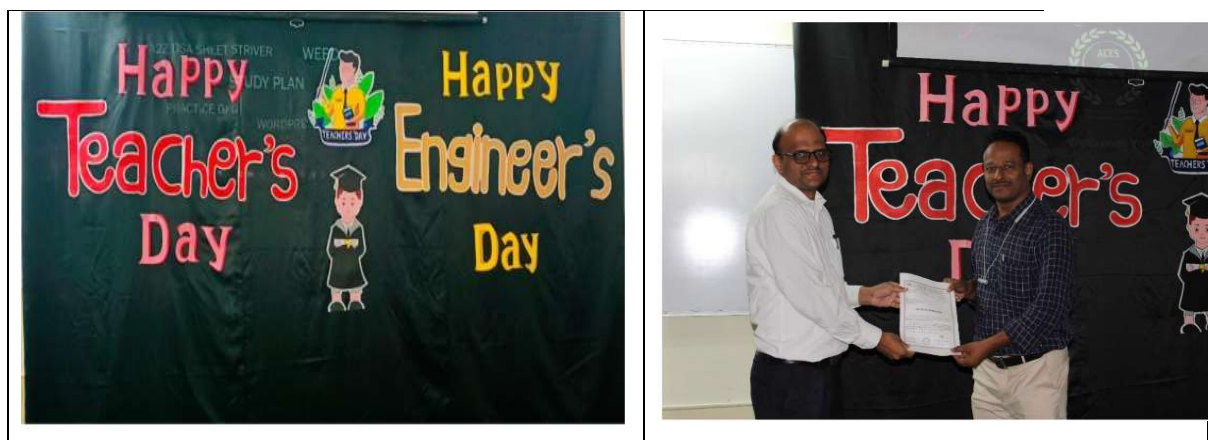
Target Audience :- Faculty Teaching Staff and S.E Students from computer department.

Resource person : Mr. MohitMudaliyar

Short Summary of the Event:

Sinhgad Institute of Technology Lonavala (Computer Department) celebrated Engineer's day and Teacher's day on 13th September 2022. This event was organized by ACES club of Computerdepartment. The event started with the Saraswathipujan and proceeded by a marvellous speech by a member of anchoring team. The speech was based on the importance and the reason behind celebration on teacher's and engineer's day.Students were kept engaged in interesting tech games which had multiple rounds. Students were instructed to first fill up the google form and follow up the activity guided by the coordinators. The First round was named as Aptitude Geeks where the students had to solve some questions. There was a coding round named as 'Blind Coding' where the students had only few minutes to carefully see the coding questions and then their monitors were turned to the opposite side. This was the interesting part of the coding round as students had only few minutes to grasp the question and then they were instructed to code without looking at the monitor screen, Also top 3 were rewarded with amazing prizes. With the conclusion of all these activities we proceed for the last phase of event that was snacks time. And with the vote of thanks the event ended happily.

Glimpses:





4.5. Title of Activity: -F.E INDUCTION PROGRAM (AY 2022 - 23)

Date:- Friday 18th Nov 2022

Faculty Coordinators: - Prof. S B Nimbekar

Objectives:- To make F.E Students aware about various facilities available at the college and motivating them to achieve more in their career.

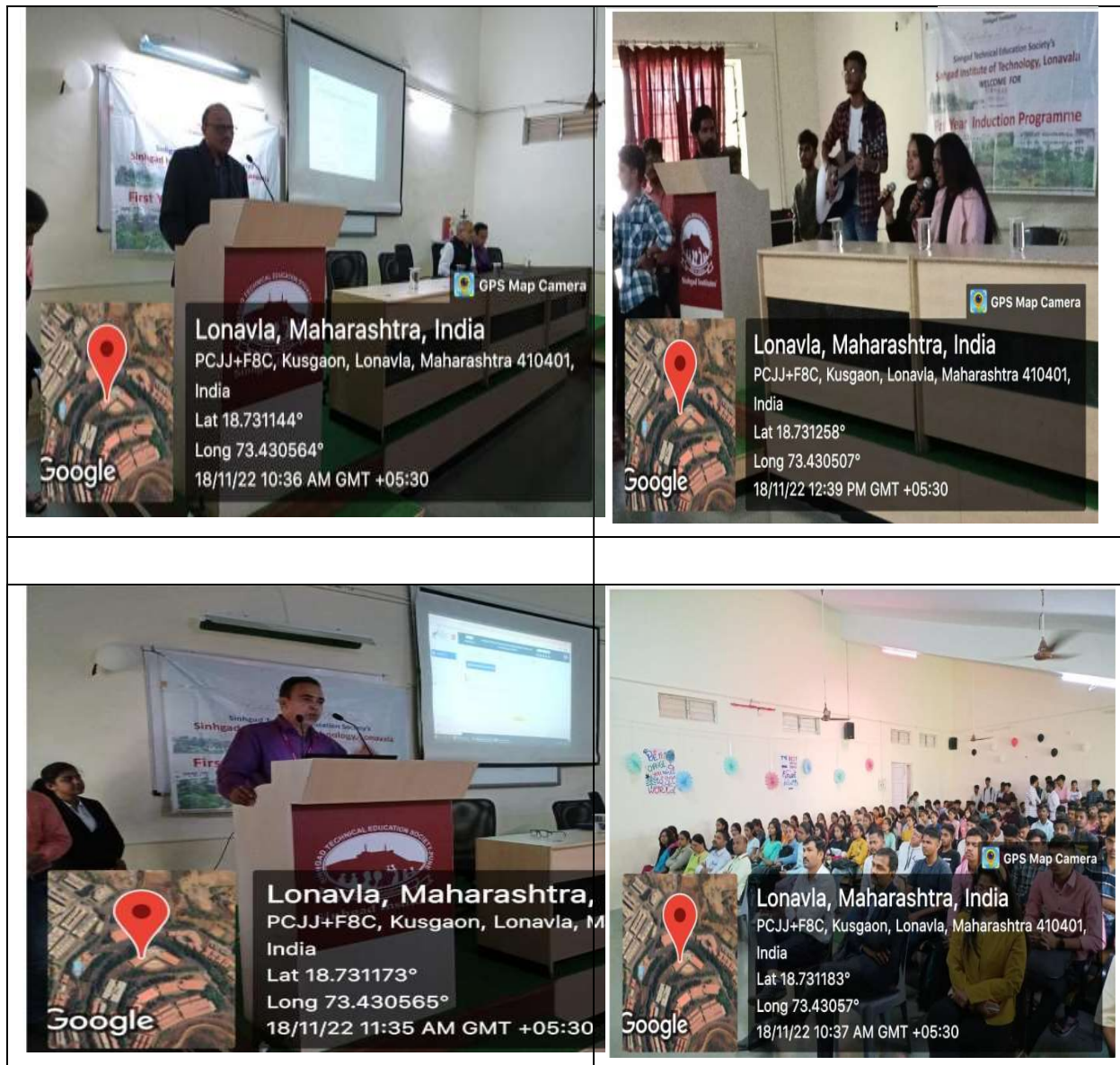
Target Audience :- Faculty & F.E Students from Computer Department

Resource person : Mr. MohitMudaliyar

Short Summary of the Event: Sinhgad Institute of Technology Lonavala (Computer Department) successfully organized the F.E Induction Program on 18th November 2022. This event was organized by ACES club of Computer department. The Event started with President MohithMudaliyar& Vice President PranjaliDevde welcoming everyone. After SaraswathiPujan the inauguration of program was done by honorable guests. The Event was held according to the workflow planned by the ACES committee. Firstly Our Respected Dr.S.D. Babar Sir (HOD of Computer dept) briefed the students about importance of academics and placements. He also motivated the Students to work harder to achieve their desired goals.After the motivating speech by Dr.S.D Babar Sir it was the time of our honorable guests to interact with the students.He briefed the students about the attractive campus of the college and also made them aware about various achievements by the college. Prof. B.L Dhote ,Dr.ManoharChaudhari Sir shared various extracurricular things as well as their experience with the students. Many Students from S.E

,T.E& F.E entertained the audience by giving phenomenal performances. Thus the Event ended in a pleasing manner.

Glimpses:



4.6. Title of Activity:Seminar on Technical Writing

Date:-24thMar 2023

Faculty Coordinators: - Dr.V.G.Kale

Objectives:-The objective of the program was to make all the Third Year students aware about how the Technical writing is to be carried out.



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Department of Computer Engineering

Target Audience :- Students from Computer Department

Short Summary of the Event:One day Seminar on “Technical Writing” was organized by Department of computer Engineering, Sinhgad Institute of Technology on 17/03/2023. The objective of the program was to make all the Third Year students aware about how the Technical writing is to be carried out. The Technical writing is one of the driving forces of writing Progress Reports, Project Reports, Thesis writing etc. The technical writing will help the students for writing their final year projects. The concept also helps in research paper writing and publishing in good peered review journals and conferences. The session was carried by Dr.V.G.Kale, Associate Professor, Computer Engineering Department SIT, Lonavala

Glimpses:





4.7. Title of Activity:One Day Seminar on “Research Methodology”



Date of the Event: 17/03/2023

Faculty Coordinators: - Dr.V.G.Kale

Objectives:- The objective of the program was to make all the Third Year students aware about how the research methodology is to be carried out.

Target Audience :- Students from Computer Department

Short Summary of the Event: One day Seminar on “Research Methodology” was organized by Department of computer Engineering, Sinhgad Institute of Technology on 17/03/2023. The objective of the program was to make all the Third Year students aware about how the research methodology is to be carried out. The research is one of the driving forces of Engineers. The research methodology will help the students about selecting the final year projects. The session was carried by Dr.V.G.Kale, Associate Professor, Computer Engineering Department SIT, Lonavala.

| | |
|--|--|
|  <p style="text-align: center;">Sinhgad Institute of Technology Department of Computer Engineering,</p> <hr/> <p style="text-align: center;">One day Seminar on "Research Methodology"</p>  <p style="text-align: center;">Speaker: Dr. V.G.Kale Associate Professor</p> <hr/> <p style="text-align: center;">Date: 17/03/2023 Time: 10:45am to 12:45pm</p> | |
|  <p style="text-align: center;">GPS Map Lonavala, Maharashtra, In PCJJ+GC9, Kusgaon, Lonavala, Ma 410401, India Lat 18.731222° Long 73.431255° 17/03/23 11:26 AM GMT +05:30</p> | |

5. Expert Talk Organized By Department

| Sr. No. | Topic | Staff Coordinator | Target Audience | Resource person |
|---------|---|-------------------|---------------------|---|
| 1. | Information on Student Ambassador Program, Benefits of Microsoft Club | Mrs. Neelam Joshi | Approx. 80 Students | Mr. Harish Soni (Software Engineer and Automation Tester) Tata Consultancy Services (TCS) |



6. Activities Conducted under different clubs/Chapter of Computer department (ACM/ACES/Cultural/MCC/Career Counselling/Training and Placement)

5.1 Activities organized under ACM Chapter

5.1.1. Name of activity:Android Development Workshop

Date of the Event:11th Feb to 13th Feb 2023

Faculty Coordinators: - Mrs.ShubhangiPatil

Objectives:To give a brief about android development to students

Target Audience: Computer Engineering students

Brief Summary of the Event / Program:

The Sinhgad Institute of Technology ACM student chapter had well organized the workshop on 'Android Development'. The name of workshop was "Cutting Edge Technology for Android Development". The event was a success, supported by all members of the ACM team. The event was conducted in online mode, platform used was Microsoft teams. Main features of event were-

- 1) Introduction to Android Development
- 2) Roadmap for Android Development
- 3) Kotlin in brief Journey
- 4) Basics of Jetpack Compose
- 5) Designing of UI/UX
- 6) Cloning Instagram App.

At the end of the day event was successfully completed and students left the place with great knowledge about android development.



ACM STUDENT CHAPTER
PRESENTS

CUTTING EDGE TECHNOLOGY FOR
android development
WORKSHOP

SPEAKER :
**MR. VEDPRAKASH WAGH**
ANDROID DEVELOPER

COMPLETE ROADMAP:

- Android from scratch
- KOTLIN in brief
- Designing of UI
- Cloning instagram app

REGISTRATION FEES: 75 RS

REGISTRATION LINK: SHORTURL.AT/TBCTW

11-13/02/2023
13:00 -16:00
Microsoft teams



5.2 Activities organized under CAREER COUNSELLING CENTER

5.2.1 Name of the Activity:

Name of the Activity : Seminar on Foreign Language Program

Date and Time: 30th September 2022 at 10:00 am

Organized By: Carrier Counselling Centre STES ,Lonavala

Coordinated By: Prof. Vikram M. Chavan

Resource Person:Mr.AkshayKhirid, Founder and Director , Global Dialect LanguageSolution

Target Audience: STES Students of all Branches

Venue/ Online Platform:IT Seminar Hall

Attended By: 52 students

Program Education Objective: PEO3 & PEO5

Program Outcomes: 6,7,10

Program Specific Outcome: 2

Glimpses:



5.3 Activities organized under Training & Placement

5.3.1 Title of Activity :- Title of Activity:-Campus Placements

Faculty Coordinators :- Asst. Prof Jordan Choudhari (TPO)

Short Summary of the Event:- Department of Computer engineering placed indifferent Companies total offer for computer department is placement Detail by company wise

5.3.8 Title of Activity:- Pre Placement Talk (Infosys InfyTq)

Day & Date:- Sunday, 28 March,2021

Student Coordinators:-1. Ms. JanswiAakhre
2. Mr. Darshil Patel

Faculty Coordinators:-1.Asst. Prof NishantPachpor

Target Audience :- BE Students

5.3.9 Title of Activity:-Pre Placement Talk (Modak Analytics)

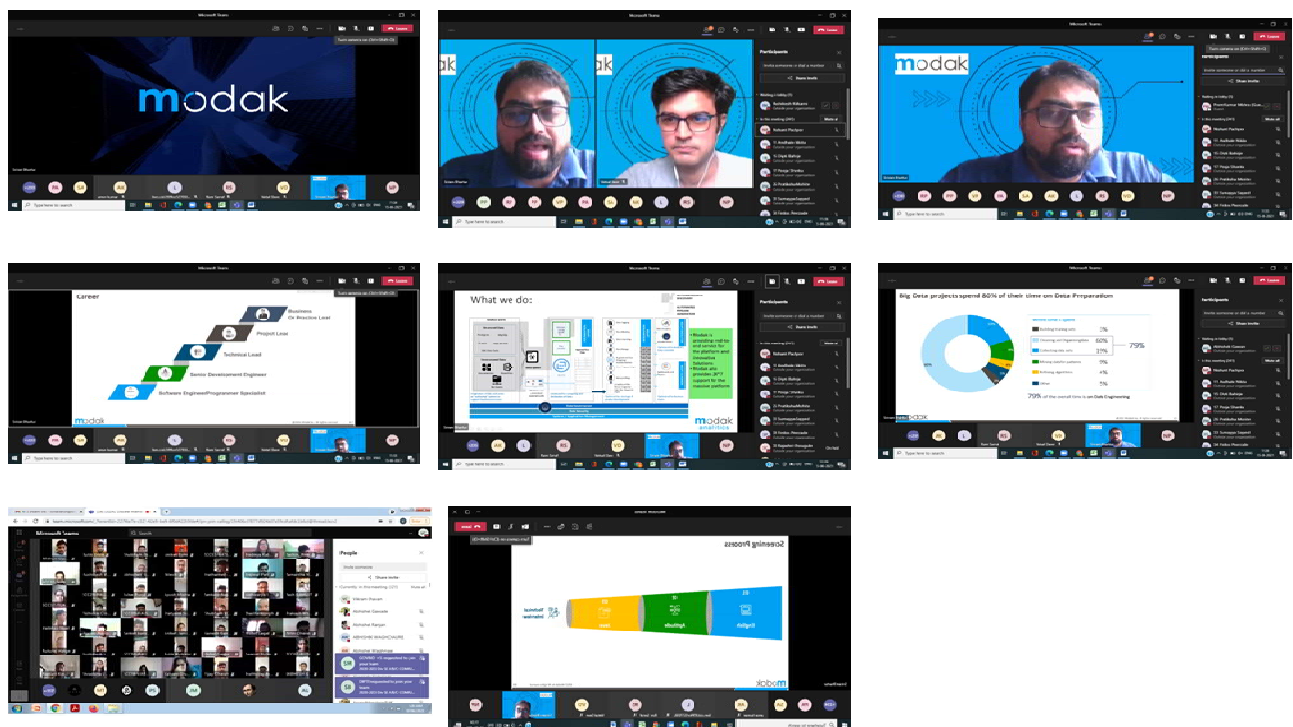
Day & Date:- 15 June 2021

Student Coordinators:-1. Ms. JanswiAakhre
2. Mr. Darshil Patel

Faculty Coordinators:-1.Asst. Prof NishantPachpor

Target Audience :- BE Students

Short Summary of the Event :-Modak Analytics Senior manager Vatsal Dave & Sriram Bhaturoragnaised the Preplacement Talk for BE Students which give the information about Modak analytics. Modak works data science they work on Java Programming. Modak after selection gives the training form 6 months data analysis. Modak conducting three test English, Aptitude and Java. From STES more than 260 students joined.





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Department of Computer Engineering

5.4 Activities organized under Microsoft Campus Club

5.4.1 Title of Activity: -Seminar on “National Education Policy-2020”

Date : 10/04/2023

Faculty coordinator:Ms.N.K.Joshi

Objectives:To aware all faculty members regarding rules and regulations of NEP-2020

Target Audience: Faculty members of Institute

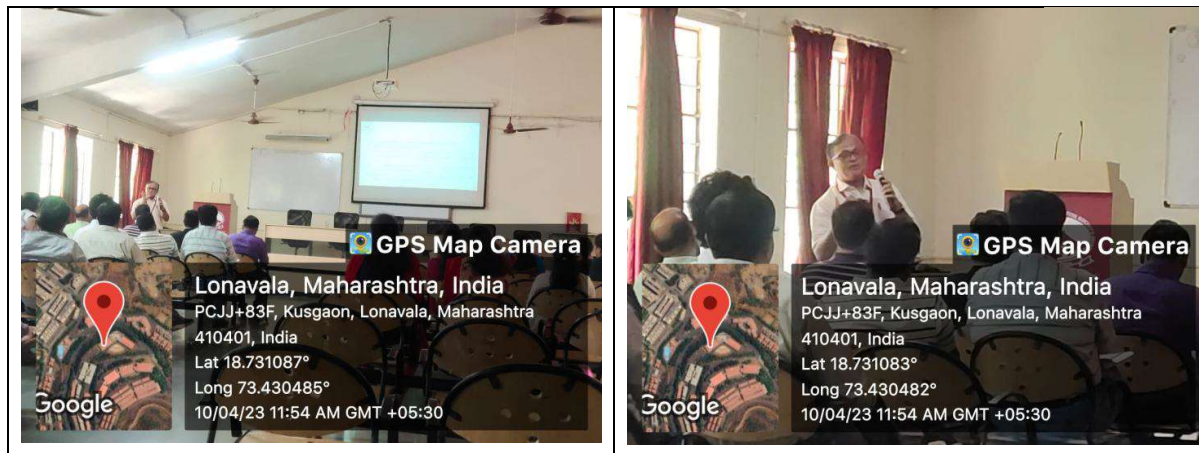
Number of Participants: 49

Venue: IT Seminar Hall

Resource Person:Dr.V.G.kale

Short Summary of the Event:One day Seminar on “National Education Policy-2020” was organized by Department of computer Engineering, Sinhgad Institute of Technology in association with Microsoft Students Club, Computer Engineering on 10/04/2023. The objective of the program was to make all the faculties aware about National Education Policy. The concept of multidisciplinary institute is to be implemented till 2030 whereas the structural reforms and educational reforms to be implemented by 2040. The Inauguration program was carried out at 11:15am. The welcome speech was given by Dr.D.D.Chaudhari, Vice Principal, SIT, Lonavala. The session was carried by Dr.V.G.Kale, Associate Professor, Computer Engineering Department SIT, Lonavala. The overall Coordination was done by Dr.V.G.Kale under the guidance of Dr.S.D.Babar, HOD Computer Engineering.





5.5 Student Training Program(STP)

STP-II

| Class | Module name | Staff name | Contents Delivered | Date | Students present |
|-------|------------------|------------------|---|----------------------|------------------|
| SE-A | Listening Skills | Ms.R.S.Shishupal | Listening skills worksheet, Story telling | 18/02/2021 (Offline) | 05 |
| | | | Audio activity | 25/02/2021 (Online) | 49 |
| | Reading Skills | | Fluency Developer Activity, Summarizing Activity, Word Stress Activity, : Word Color Conflict, Punctuation Activity, Comprehension Activity, Job Ad Worksheet | 04/03/2021 (Online) | 46 |
| | | | Sentence Making, Essay Writing | 19/03/2021 (Online) | 55 |
| | | | Letter Writing, Report Writing, Resume Writing | 25/03/2021 (Online) | 57 |
| | Speaking Skills | | Extempore, Guess the Movie Name, Image Based Activity | 20/05/2021 (Online) | 50 |

STP-1

| Class | Module name | Staff name | Contents Delivered | Date | Students present |
|-------|--------------------------------|---------------|--|------------|------------------|
| SE-B | Personal & Career Goal Setting | Mr.V.M.Chavan | Self-Assessment | 20/07/2020 | 45 |
| | | | Peer cross introduction and activity worksheet | 27/07/2020 | 47 |
| | SWOT Analysis | | Personal SWOT analysis worksheet | 5/09/2020 | 55 |



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| | | | | | |
|--|----------------------------|--|---|------------|----|
| | Resume Writing | | Resume | 12/09/2020 | 60 |
| | Report Writing | | A 20 line report on a current academic topic/social topic/business/ industry topic/technological development topic | 19/09/2020 | 58 |
| | Letter Application Writing | | -A Cover Letter for Employment -An E – Letter (PC) -Formal application to principal | 26/09/2020 | 61 |
| | Group Discussion | | Group discussion in group of 7-8 students Topics: -Is technology making us less human? -Global warming & its effect -Plastic ban: Environments economy | 24/10/2020 | 61 |
| | Listening Skill | | Chinese Whispers | 31/10/2020 | 59 |
| | Presentation Skill | | Presentation of all students on given topic | 31/10/2020 | 59 |
| | Public Speaking | | Team presentation on given topic, story telling | 7/11/2020 | 62 |
| | Behavioral Skills | | | 7/11/2020 | 62 |