



From HOD's Desk...



Dr. Makarand Shahade,
(Head of Department)

As we all know that the 1st edition of the departmental news letter '**COMP-BUZZ**' was a great success and it got a remarkable response. Once again I'm glad to announce the **2nd edition** as '**COMP-BUZZ Vol-2**'. We are extremely happy with all the achievements and progress that our computer department has made and we are excited to get all those events incorporated into this edition of the news-letter of the Department of Computer Engineering. This is going to give a glimpse of faculty and student achievements, placement details, events conducted by the department in the last few months

Department Vision:

- To prepare the students as globally recognized Computer Engineers who will be innovative to cater for the industrial demands and social needs.

Department Mission:

- To empower students with comprehensive knowledge of Computer Engineer to be successful professionals.
- To impart quality education to make the students ready for industry, higher study.
- To inculcate leadership abilities with strong ethical values and encourage lifelong learning.

Sr No.	Category	Page No.
1	<u>Departmental Activities</u>	<u>2</u>
2	<u>Departmental Achievements</u>	<u>12</u>
3	<u>Annual Festival</u>	<u>15</u>
4	<u>Training and Placement Cell</u>	<u>18</u>

Departmental Activities



1st January 2022 :

" वार्तालाप "

Parents-Teachers Meet



The Department of Computer Engineering started the year 2022 by hosting **वार्तालाप- a parent teacher meet**. The Head of Department **Dr Makarand Shahade** gave a very well documented presentation about the department's activities and achievements. Placed students and class toppers were felicitated by Principal **Dr Nilesh Salunke**. All faculties of the Computer Department had a very warm interaction with the parents. Department received an overwhelming response and positive feedback from them. This was a great platform for parents and teachers to share insights and information for the holistic development of students.



Parents Feedback



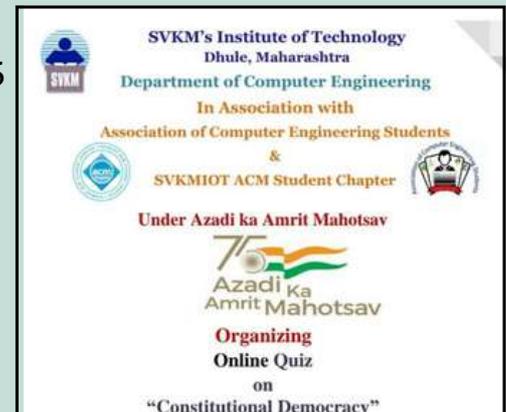
Glimpse of the Event

Departmental Activities

Azadi ka Amrit Mahotsav Quiz

19th – 21st February 2022

Under the initiative- *Azadi ka Amrit Mahotsav* taken by the Government of India to commemorate 75 years of progressive India, the SVKM's Department of Computer Engineering conducted an Online Quiz on “**Constitutional Democracy**”. The rationale behind organizing the quiz was to reincarnate the patriotic drive as well as awareness among the students. The students actively attempted the Quiz in great numbers. The total count of participants enlisted **167 responses**. Later, the participants were rewarded with a Certificate of appreciation for their active and invaluable participation in the quiz.

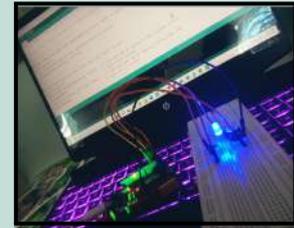


Application of IOT in Innovation



21st February 2022 :

An excellent workshop was conducted by the Dept. of Computer Engineering in association with the Institution's Innovation Council under the guidance of **Prof. Mayuri Kulkarni** on Application of IoT in innovation.



Departmental Activities

DTE District Level Project Competition



Project Title : **"Police दंडविधान सहायक"**
Mentor : **Prof. Bhushan Nandwalkar**
Team : **Kirtesh Wankhede** (B-Tech Comp.)
Tejas Bhawsar (B-Tech Comp.)
Sukruta Pardesi (T.Y Comp.)
Vivek Pawar (T.Y Comp.)



11th March 2022 :

Our college hosted the **District Level Project Competition** in Association with the Directorate of Technical Education Maharashtra Regional Office Nashik in which various Polytechnic, Engineering & Pharmacy colleges from the entire Dhule district participated and the **Students of SVKMIOT** from Computer Department bagged the 1st Position whereas SVKM's IOP, Dhule & Govt. Polytechnic, Dhule successfully secured Runner-up & Second-Runner-up respectively.

As per the title the winning project was made with the goal to help Police Department. Whenever any FIR will be registered in this software it will process it and as per the level of crime, *it will recommend the Criminal Laws as Governed by Penal Code, CRPC & Evidence Act.* It is created with Machine Learning & Natural Language Processing. Hence this software can work efficiently and it will train itself as per the data received by it from the user.

Departmental Activities

Women's Day Celebration



15th March 2022 :

WGC SVKM's Institute of Technology, Dhule celebrated **International Women's Day** on 15 March 2022. This event is celebrated by conducting various competitions for the girl's students such as 'Cyclothon', 'Courage to Create', 'Reel it-Feel it', 'Poster Rangoli Competition', & 'Sustainable Fashion'. The students actively participated in all the events.

The dignitaries for the program were **Principal Dr.Nilesh Salunke**. He inspired all the girls by quoting examples of Great Indian Ladies such as Rajmata Jijau, Savitribai Phule, and Kalpana Chawla who created benchmarks in various fields. The chief guest of the event, **Dr Rashida Kaderi** motivated students and guided girls toward a healthy lifestyle along with explaining the importance of "Guru" in life. Guest of honour **Mr Narendra Gangudre** narrated the importance of Yoga and demonstrated five Mudras in Yogkriya. Also, special guests, **Mr Hemant Kulkarni**, and his students gave short training on Self Defence Techniques to our students. The program ended with cultural activities. The winners of all the competitions were felicitated with medals and certificates.



Departmental Activities

Introduction To Salesforce Technology

12th March 2022 :



SVKM's Dept. of Computer Engineering in association with **NetGyani** conducted an online One-week ISTE Approved Workshop on Salesforce Technology. The session was held under the guidance of **Mr Dnyaneshwar Aghav**. This platform helped students to get acquainted with cloud services and app development. Salesforce being in high demand in the market for CRM systems, this workshop focused on the major areas of career & internship opportunities, project guidance and much more.....

Smart India Hackathon

22nd March 2022 :

SVKM's Institute of Technology-Internal Smart India Hackathon 2022 was held in SVKM's IoT Campus. Chief guest who graced the occasion was **Mayur Chandwadkar sir** the CEO of Infotech Incorporate, Dhule. More than 21 Teams participated from different departments and 10 teams were selected by the committee for further rounds.



Spoken Tutorial Examination



23rd & 30th April 2022 :

The Spoken tutorial Examination was held on the 30th Of April for Second Year Students and on the 23rd of April for Third Year students of the Computer Department under the Supervision of **Prof Umakant Mandawkar** and the Technical Staff of the department.

Follow Table shows the Participation Data

Foss	Participants Count	Pass
JAVA	53	48
HTML	42	41
Python 3.4.3	65	65

Departmental Activities

Run Time Terror Coding Competition

7th May 2022 :

SVKM's IOT ACM STUDENT CHAPTER organized a competitive technical event. It was conducted on HackerRank –an online platform for enhancing coding skills. There were three problem statements given to each participant consisting of levels – Easy, Medium, and Hard. This event was organized for the Third-year Computer students of SVKM's Institute of Technology.

The winners of the competition were declared immediately on the leaderboard of the HackerRank. The top rankers of the contest were –

1. **Hemratna Sonar**
2. **Chetana Badgujar**
3. **Vishal Jagdale.**



Debate Competition



11th May 2022 :-

On the occasion of 'National Technology Day', SVKM's IOT ACM STUDENT CHAPTER and SVKM's Association of Computer Engineering Students (ACES) jointly organized a non-technical event. The theme of the competition was "**Artificial Intelligence–A Threat or a Blessing ?**" A great response was received and a total of 8 students showed eagerness in this competition. The judging panel – **Prof. Bhushan Nandwalkar** and **Prof. Ashish Awate** fairly judged the competition based on factors like –communication, deliverance of facts, and relevance to the theme.

The winning team was declared immediately after the event. The Blessing team bagged the victory .

Departmental Activities

Innovate Intelligence Robotics Workshop



Department of Computer Engineering
SVKM's Institute of Technology, Dhule
&
Institute Innovation Council
Presents

Innovate Intelligence Robotics Workshop

In Association with **eYantra**
Engineering a better tomorrow

Table of Content

1. Basics of Embedded Systems and Robotics
2. Arduino control & programming
3. Working with sensors and making small projects
4. Building a Pick and place Line Follower Robot

Resource Person
Prof. Khalid Alfatmi Prof. Mayuri Kulkarni

Venue and Timing:
Lab 2,
Dept. of Computer Engineering,
SVKM's Institute of Technology, Dhule
10.30 am onwards

14
May, 2022

Scan to Register

Dr. Makarand Shahade
HOD, Computer Engineering
Dhule SVKM's IOT, Dhule

Dr. Namra Joshi
ICC Convener SVKM's IOT
SVKM's IOT, Dhule

Dr. Shrikant Bandhavane
ICC Vice President
SVKM's IOT, Dhule

Dr. Nilesh Salunke
ICC President
SVKM's IOT, Dhule

14th May 2022 :

SVKM's Dept. of Computer Engineering in association with ACM Student chapter conducted a robotic workshop on e-Yantra platform – used to develop various applications in robotics and other technical areas. The workshop included the introduction to the various components of the robotics hardware as well as embedded programming.

Workshop included following activities:

- Introduction to FIREBIRD-V ATmega 2560 Robot.
- Basic I/O interfacing.
- Motion Control of Firebird V
- Analog to Digital conversions.

The workshop co-ordinators were :-

Prof. Khalid Alfatmi & Prof. Mayuri Kulkarni
Mr. Vivek Pawar, Mr. Yash Lakade,
Mr. Akshay Brahme , Mr. Lokesh Mahajan



Faculty & Student Co-ordinators



Student Demonstration



FireBird-V Robot

Departmental Activities

Industrial Visits

To go beyond academics, industrial visit provides student a practical perspective on the world of work.

Industry Details:

PHONEIX Nitiraj Engineers Ltd
J-25/26, MIDC Awdhaan,
Dhule-424006, Maharashtra

Speakers:

Mr. Anant (Assistant GM, Nitiraj Engineers)
Mr. More (Sales Department Head)
Mr. Sandeep (HR Manager, Nitiraj Engineers)

Motive for industrial visit

- Software development life cycle.
- Various emerging technologies.
- Hierarchy in Production Industries
- Interview tips and techniques.
- How Software Engineers can work with production base Industries.
- A short video shown on working culture at Nitiraj Engineers at Dhule.



Second Year's Visit to Industry (9th May 2022)



Third Year's Visit to Industry (24th May 2022)

Departmental Activities

Hands on Workshop on ReactJS



21st May 2022 :-

This event was organized by Department of Computer engineering in Association with SVKM's IOT ACM Student Chapter. It was conducted by **Pratham Bhagat, Pratik Bhagat, Aditya Mahale & Saifuddin Saifee**. The conducting team was very enthusiastic and focused on involving maximum student participation.

Workshop Highlights :-

- 1) Introduction to **ReactJS**.
- 2) Setting up environment for React Project.
- 3) Creating a quiz app using ReactJS



Glimpses of the Workshop

Workshop on UML Design Tools

21st May 2022 :-

A workshop was organized under the guidance of **Prof. Khalid Alfatmi**. Student coordinator **Mr. Yash Lakade** helped to carry out the workshop successfully. The conducting team was very enthusiastic and focused on involving maximum student participation. It created an interactive atmosphere overall.



Such practices would surely help the students enhance and upgrade their knowledge resulting in a powerful and skilled resume.

Participants Count :-	Workshop Highlights :-
Total Participant: 41	Getting started with UML
Girl Participants: 18	Tools.
Boys Participants: 23	LucidChart and StartUML.

Workshop in Execution

Departmental Activities

Hands on Workshop on Azure Cognitive Services

28 May 2022 :-

SVKMIOT ACM Student Chapter organized the technical workshop. It was conducted on Microsoft Azure platform – which provides variety of cloud services. The workshop included the introduction to the various services provided by Azure platform which was given by the Microsoft Learn Student Ambassador **Mr. Saifuddin Saifee** and **Mr. Mustafa Saifee**. Introduction followed by explaining some basic concepts of producing cloud resources on the platform



Glimpses of the Workshop

Scavenger Hunt Event

28 May 2022 :-

SVKMIOT ACM Student Chapter member **Ms. Ashiya Ashok**, **Ms. Chaitanya Sharma**, **Mr. Aditya Mahale** and **Mr. Pratham Bhagat** organized the First Non-technical event for the students. There were 10 teams of 5 members each. All the teams rushed to find the treasure by clues & hints found in the way...



Winning Team



The Treasure Hunters

Departmental Achievements

GATE 2022 Achievements

MR VIVEK PAWAR

Our Third Year student secured an AIR 1321 in the GATE examination with a score of 609 in his very first attempt.



MS MEGHAL JAMBHALE

Our B-Tech Student successfully cleared the GATE examination securing All India Rank 10232 with a score of 346.



CAT 2022 Examination Achievement

MS YUKTA BHATTAD

Our Alumni of Batch 2021 scored 94.76 percentile in CAT 2022 and got selected for the course of MBA in IIM, Tiruchirappalli



Congratulations!!!

Departmental Achievements

Patent Published



Miss. Rewa Desale , Alumini from 2021 Batch from Department of Computer Engineering has successfully Published her Patent. This is **First Patent** Published from the Department of Computer Engineering

She developed an '**Integrated System to Provide the Healthcare for Emergency Patients** ' under the Project Based Learning forum.

Paper Publication

Paper name : 'Students Attendance Tracker to Notify the Teachers and Parents Using Machine Learning '

Author : Dr. Makarand Shahade

Published in : Journal of Harbin Institute of Technology.

This paper gave helpful software to smoothen the administration report of the understudies' non-appearance to the class. Also to give early notice by sending an SMS (and email) to the understudies and guardians on the current status of non-appearance to the class.

Paper name : 'Analysis of Data Handling Challenges in Edge Computing'.

Authors : Sukruta Pardeshi, Chetana Khairnar, Khalid Alfatmi.

Guide : Prof. Khalid Alfatmi.

Published in : IJPE Scopus Indexed journal on March 2022 issue.

This paper gave an overview of the challenges encountered during the Data Handling of Edge Computing and it also provided the solutions to overcome these challenges using machine learning and deep learning algorithms.

Departmental Achievements

Book Chapters Published

M-Health: A revolution due to Technology in Healthcare Sector

Authors : Mayuri Kulkarni , Prof. Ashish Awate

Publication Date: 23rd Feb. 2022

Journal : Healthcare Monitoring and Data Analysis Using IoT: Technologies and Applications.

Publisher : Institution of Engineering and Technology (IET)

USE OF IOT : Internet of Things

Authors : Dr. Makarand Shahade

Publication Date : 16th May. 2022

Book : USE OF IOT Internet of Things

Publisher : Namya Press, New Delhi, India

An Optimized Cloud-Based Solution for Small Scale Non-IT Business Firms : An Experimental Analysis

Authors : Prof. Vijayalaxmi Bittal , Prof. Khalid Alfatmi

Publication Date: 15th May. 2022

Book : International Conference on Computing in Engineering & Technology ICCET,2022

Publisher : Springer, Singapore

Dr.Makarand Shahade Sir as Guest Reviewer



20th May 2022 :-

Our respected HOD', **Dr Makarand Shahade** was invited as the Reviewer in 2nd National Conference on Innovation in Engineering organized by AISSMS College of Engineering, Pune.

Annual Festival

SPLASH (19th April 2020) :-

It was the Grand Annual Event of the Year. This event was celebrated during the midst of the academic year 2022. It was a 4-5 days long event that included various events like **Traditional Day, Halloween Day, Character Day, Theme Day** and even included various **Sports Activities**. It provided an opportunity to assess the achievements of the college. The students were actively associated with all the segments of the programme throughout this event. Rather, they managed all the activities by themselves. The students' energy and spirit always stayed high in each and every event planned throughout the week. And on the Final Day i.e. **SPLASH**, various activities were performed including skits, songs under different styles, dance performances, etc

This event witnessed the total personality development of students which was the hallmark of an effective education system

C U L T U R A L A C T I V I T I E S



S P O R T S A C T I V I T I E S



Our Athletes

Annual Festival



Along with the curriculum, there were many achievements of Computer Department students in sports activities held before the Final Splash Event. In **14 Events**, **18 medals** were successfully won by the students of the Computer Department.

Heartiest Congratulations to all the students who backed medals representing Department on the Field.

Individual Winners :

Event	Name of Students	Medals
Table Tennis	Madhvika Salunke (F.Y. Comp)	Gold Medal
Chess	Shruti Patil (F.Y. Comp)	Gold Medal
100m. Hurdle Race	Sejal Patil (T.Y. Comp)	Gold Medal
100m. Hurdle Race	Yash Jadhav (T.Y. Comp)	Gold Medal
Table Tennis	Tejaswi Salunke (T.V. Comp)	Silver Medal
200m. Running	Sejal Patil (T.V. Comp)	Silver Medal
Chess	Aarya Borse (F.Y. Comp)	Silver Medal
100m. Hurdle Race	Madhvika Salunke (F.Y. Comp)	Silver Medal
1km. Marathon	Sejal Patil (T.Y. Comp)	Silver Medal
100m. Running	Aarya Borse (F.Y. Comp)	Bronze Medal
200m. Running	Madhvika Salunke (F.Y. Comp)	Bronze Medal
Yoga	Prerna Jalankar (F.Y. Comp)	Bronze Medal
Table Tennis	Ankush Patil (B-Tech Comp)	Bronze Medal

Team Event Winners :

Tug of War :	T.Y. Computer Girls Team S.Y. Computer Boys Team	Silver Medal Silver Medal
Relay Race :	S.Y. Computer Boys Team	Silver Medal
Carrom :	Jatin Chaudhari (T.Y. Comp) Samir Brahme (T.Y. Comp) Harshada Patil (F.Y. Comp) Shruti Patil (F.Y. Comp)	Silver Medal Silver Medal Bronze Medal Bronze Medal

Annual Festival



SPLASH in Nutshell

The Final Day of Grand Annual Event be like the students were anchoring different segments of the function with a view to work as a team. The cultural activities performed by the students exhibit their hidden talents. The students always needed an outlet to showcase their potential and creativity and indeed this became the best platform for them.

SPLASH 2022

Training and Placement Cell

Placement- a word of experience.

14th January 2022 :

This event was organized by the Department of Computer Engineering in association with T&P Cell SVKM's IOT Dhule.

Ms Varsha Joshi, Alumni of the 2021 batch gave interview tips followed by Q&A. The session was addressed by **Prof. Vijaylaxmi Bittal**, department T&P coordinator. Institute TPO **Mr Karan Sharma** gave the TPO note.

Concluding remarks were given by **Dr Makarand Shahade**, Head of Computer Department, SVKM's IOT Dhule. The event was hosted by **Ms Meghal Jambale** final year B-tech Student and Student T&P representative.



Word of Experience

Workshop on Banking and Banking Technology- IDBI Intech LTD



23rd February 2022 :

Three days workshop on Banking and Banking Technology was jointly organized by SVKM's Institute of Technology, Dhule and IDBI Intech LTD. A total of 47 college students participated in this workshop. During the workshop, the students were guided by experts on the types of banking, and banking technology such as work of the bank's software system, preparation for the interview along with practice interview. At the end of the workshop, a test was conducted, based on the marks obtained and performance during the Workshop, the two best-performing students, Nabeel Ahmad Ansari (BTech - Computer Department) & Suvarna Wagh (Third Year - Information Technology Department) were rewarded by IDBI Intech Ltd.

Training and Placement Cell

Assessment(Aptitude + Technical + HR) Mock Interview

9th April 2022 :

A series of activities took place under the guidance of the Training & Placement Cell of the Department. The aptitude test was followed by a technical test taken by **Prof. Mayuri Kulkarni, Prof. Umakant Mandavkar and Prof. Ranjit Fule**. The shortlisted students went through Technical Interview which was conducted by **Prof Bhushan Nandwalkar, Prof Vijaylaxmi Bittal and Prof Umakant Mandavkar**. After the Technical Interview, the HR Interview was conducted by **Prof. Khalid Alfatmi** with students who were shortlisted in Technical Interview. Students were later given individual feedback and some grooming for improvement.



Glimpse of Computer Centre

Workshop on Java Technology and IDBI



29th April 2022 :

Workshop on Java Technology and IDBI Intech was conducted for two days. The Resource People of the workshop were **Mr Rohit Singh**, a Senior product developer, **Mr Arnold Anthony** (Project Leader) and **Mr Kunal** From the HR department. This workshop gave an insight into Java Technology and IDBI which has good scope at present as well as in future.

In this Workshop, the top 7 best performers were felicitated with IDBI T-shirts and Diaries to acknowledge their involvement and outstanding performance by the IDBI Resource Trainees.

Training and Placement Cell

Placement: A word of Experience

21st May 2022 :-

This was the alumni talk to share placement experiences with juniors. **Mr. Krushna Baviskar** working as a Backend Developer in Logic Monitor Pune and **Mr. Purnansh Billore** Working as System Engineer in Infosys Chandigarh, both speakers are alumni of 2021 batch.

This event is organized by the Department of computer Engineering in association with T&P cell of the institute. The program proceeds with welcome speech, Prof. Vijaylaxmi Bittal, T&P Coordinator addressed the event. Conversation by speakers, QnA and Concluding remarks were given by Head of the Computer Department, **Dr. Makarand Shahade**.



Word of Experience

The event was hosted by **Ms. Chaitanya Sharma**, student T&P Coordinator. Attendees were present are SY Btech and TY BTEch of Institute. Really it was interactive session and helps students to crack MNC interviews. Thanks to **Mr. Karan Sharma** (TPO) and **Dr. Nilesh Salunke (Principal)** for supporting us to conduct this event successfully.



Training and Placement Cell



Meghal Jambhale
Capgemini



Dhaval Doshi
Capgemini



Ketaki Patil
Capgemini



Khushal Kochar
Capgemini



Jaydatta Patil
Capgemini



Neha Baisane
Capgemini



Rushikesh Patil
Capgemini



Neha Saindane
Capgemini



Hire Nikita
Wipro



Punam Patil
Capgemini



Bhagyeshree
Suryawanshil
Focus Edumatics



Ritesh Kulkarni
eClinical Works



Neha Yeolekar
Upgrad



Tejaswini Yeole
Infosys



Upasana Patil
Focus Edumatics

Training and Placement Cell



Damini Mahale
Zensar



Gaurav Shimpi
Zensar



Pallavi Patil
Zensar



Kalyani Deore
QualityKiosk



Suyog Patil
Hexaware



Gayatri Patil
Hexaware



Sayali Bagul
Sankey Solutions



Nabeel Ahmad Ansari
IDBI Intech



Neha Baviskar
Vtech



Mansi Kulkarni
Deloitte



Dnyanal Gavale
BirlaSoft



Suraksha Popli
QualityKiosk



Training and Placement Cell

Student Placements

<u>Details</u>	<u>Count of the Year 2022</u>
Total Job Offers	70*
Total Students Placed	43*
Highest Package	6*
Average Package	3.5*

Student Placements Under Process....

Two of our students from Third Year Computer Engineering had successfully cleared stage 1 of the **TCS Code-Vita 2022** and Interviews as well.



Mr. Vivek Pawar



Ms. Lina Thakare

Department of Computer Engineering



B.Tech 2022 Batch Group Photo

Editorial Team



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Prof. Tukaram Gawali



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