



COMP-BUZZ

VOL 4.0 - JUNE 2023



**A NEWSLETTER OF DEPARTMENT OF COMPUTER ENGINEERING
SVKMIOT DHULE**

Department vision:

We envision a globally recognized and innovative computer engineer who meets socio-economical and industrial needs.

Department Mission:

- To empower students with comprehensive knowledge of Computer Engineering to be successful professionals.
- To ensure quality education that prepares students for careers in industry and higher education.
- To develop leadership skills in students while instilling strong ethical values and encouraging lifelong learning.



Dr. Makarand Shahade
Head of Department

SR NO.	CATEGORY	PAGE NO.
1	DEPARTMENTAL ACTIVITIES	2
2	DEPARTMENTAL ACHIEVEMENTS	17
3	TRAINING AND PLACEMENT CELL	24

DEPARTMENTAL ACTIVITIES

POSTMAN STUDENT EXPERT TRAINING

February 23, 2023:

SVKMIOT ACM Student Chapter organized a workshop on postman student expert training on API. The workshop was conducted by third year student Mr. Pratik Bhagat. The training started really well with a quick recap of API 101 and students got an excellent intro to APIs. Moving ahead attendees got an overview of the Postman Student Expert Badge. Attendees had no problem following along as the documentation was clear and concise. Attendees enjoyed making requests to the Postman's books API. Attendees had no problem solving the skill check part as the topics were well covered in the session. There were total 52 students attending the workshop. Indeed it was a fruitful event with active participation of students.



DEPARTMENTAL ACTIVITIES

SPLASH 2023

February 27-March 3, 2023:

It was the Grand Annual Event of the year. It was 5 day long event that included various events like Mismatch Day, Traditional Day, Bollywood Day, and Halloween Day and even included various Sports Activities. It also included various competitions like Swaranjali (Singing Competition) and Dance Pe Chance (Dancing Competition). This event witnessed the total personality development of students which was the hallmark of an effective education system.

DAY 1: INAGURATION



DEPARTMENTAL ACTIVITIES

DAY 2: TRADITIONAL DAY



Swaranjali

Antakshari



DEPARTMENTAL ACTIVITIES

DAY 3: BOLLYWOOD DAY

Dance Pe Chance



DAY 4: HALLOWEEN DAY



DEPARTMENTAL ACTIVITIES

DAY 5: ANNUAL FUNCTION



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 talent. The students always needed an outlet to showcase their potential and creativity and indeed this became the best platform for them.

SPLASH in Nutshell

DEPARTMENTAL ACTIVITIES

ROBOTICS WORKSHOP

March 25, 2023:

SVKMIOT ACM Student Chapter and e-Yantra jointly organized a one-day technical workshop on March 25, 2023. The workshop started sharp from 10:30 AM and lasted till 5:30 PM. It was conducted on the e-Yantra platform which is used to develop solutions to real world problem using robotics. The workshop included the introduction to the various components of the robotics hardware by resource persons. An introduction followed by explaining some basic mathematical and logical calculations required to access the pins of hardware was provided. It also included programming various functionality for the robot. The robot FIREBIRD-V ATmega 2560 was provided to students for programming purposes. Total twenty five students from various colleges participated in the workshop.



eYantra
Engineering a better tomorrow



DEPARTMENTAL ACTIVITIES

ALUMNI TALK

March 28, 2023:

Department of Computer Engineering in association with SVKMIOT ACM student chapter organized a alumni talk on "Footsteps to Pursue Post Graduation in Management" The talk was delivered by Miss Yukta Bhattad, our Alumni 2021 batch, now PG student at IIM Tiruchirapalli. In the session Miss Yukta had an amazing conversation with students from second and third year. She also guided students about time management for studying for the entrance examinations. With her talk she inspired lot of students to pursue post graduation. Overall it was very inspirational and interactive session.



Speaker:
Ms. Yukta Bhattad
Alumni 2021 batch,
PG student at IIM Tiruchirappalli



Glimpse of the session

DEPARTMENTAL ACTIVITIES

ALUMNI MEET 2021-2022

May 6, 2023:

An alumni meeting was organized on May 6, 2023, from 11.30 am to 1.30 pm, at classroom 209, first floor, Department of Computer Engineering, SVKMOT, Dhule. The event was attended by the students of the TY computer and B.Tech computer classes. The organizers for the event were SVKMOT ACM Student Chapter & A.C.E.S, and the coordinator for the alumni meet was Vijaylaxmi Bittal. The student volunteers who helped to organize the event were students from the 2nd & 3rd years. The Alumni Meet witnessed a gathering of esteemed alumni, faculty members, and current students, creating an atmosphere of warmth, nostalgia, and camaraderie. The event aimed to provide a platform for alumni to reconnect, share their experiences, and receive guidance from distinguished individuals who have played instrumental roles in the college's success.



DEPARTMENTAL ACTIVITIES

TECHNOCAVE 2023



May 20, 2023:

On May 20, 2023, the SVKM IOT ACM Student Chapter organised TECHNOCAVE 2023, a national level mega computing event, in collaboration with sponsors Sumago Infotech Pvt Limited and Phoenix. The inaugural ceremony kicked off the event at 10:30 AM sharp, while the valedictory celebration continued until 5:00 PM. Three competitions were organised during this event: the Avishkar Idea Competition, the Innovision Project Competition, and the Code-o-thon Coding Competition. The participation of students from other universities was encouraged. 211 children responded in a hugely positive way, and they all performed exceptionally well in the tournament.

Chaitanya Sharma and Sakshi Pagariya, the hosts, gave a formal introduction to the event and cordially welcomed all the distinguished dignitaries. The chief guest Mr. Amol Pawar, our esteemed principal Dr. Nilesh Salunke, head of the department Dr. Makarand Shahade, and The Judges Mr. Krushnna Baviskar, Ms. Rewa Desale, and Ms. Ashiwini Kulkarni were among the dignitaries in attendance. The ceremonial lamps were then lit by the dignitaries at the coordinators' request, signifying the dispersal of knowledge and the eradication of darkness. The programme began with motivational speeches and appreciation of the Participants by the Dignitaries. Following that, the Participants were directed to their respective event location.

DEPARTMENTAL ACTIVITIES

INNOVISION

Anuranjan Singh and Rushikesh Sonawane organised the project competition INNOVISION, which had a total of 21 teams and 84 participants. Participants in this competition have a place to display their creative projects. The projects that participants presented spanned a wide range of technological areas, such as artificial intelligence (AI), the Internet of Things (IoT), blockchain, and more. The Chief Guest, Mr. Amol Pawar, who is in charge of the Learning and Development team at Sumago Infotech Pvt Ltd, evaluated the ideas using standards including technical complexity, inventiveness, and practicality.

Winners:

Winner - Team Leader: Vivek Pawar

1st Runner up - Team Leader: Ajay Pawar

2nd Runner up - Team Leader: Sukruta Pardeshi



AVISHKAR



Anish Nale and Priti Bhatwal organised the AVISHKAR in Hybrid mode, which attracted a significant and impressive response from 29 teams i.e. 116 participants from various universities. Most teams took part in the four-member strength. The students made outstanding presentations on ideas relating to various technological concepts and current issues. The judges, Mr. Krushna Baviskar, a software engineer at Logic Monitor, Ms. Rewa Desale, an application development analyst at Accenture, and Ms. Ashiwini Kulkarni, a system engineer at Infosys, fairly assessed each team based on evaluation criteria like the problem statement, approach, teamwork, innovation, presentation, and demonstration of idea.

Winners:

1. Winner - Team Leader: Gaurav Shirude

2. 1st Runner up - Team Leader: Yash Ahirrao

3. 2nd Runner up - Team Leader: Gunjan Bholane



DEPARTMENTAL ACTIVITIES

CODE-O-THON

Tejas Chaudhari and Mansi Patil organised the CODE-O-THON, in which 22 coders took part. They had to put their programming knowledge and problem-solving talents to the test. Participants had a certain amount of time to tackle a set of code issues. Talented individuals participated actively in the tournament. The winners of the competition were declared in the valedictory function

Winners:

1. Winner - Bhavesh Nikam
2. 1st Runner up – Nilesh Khandekar
3. 2nd Runner up – Vishwajit Patil



After successfully finishing all three rounds, a closing ceremony was conducted to honour the competitors and name the competition winners. With a vote of appreciation to all the dignitaries, participants, and teachers and student coordinators involved, this event came to an end.



DEPARTMENTAL ACTIVITIES

GROUP DISCUSSION

June 3, 2023:

Skills development activity on “Group Discussion” was held on 3rd June 2023. The activity started sharp from 01:45 PM and lasted till 03:00 PM. The students formed groups and prepared for the Group Discussion. The topics are related to the General issues and technologies are given to students. Then each group perform Group Discussion in a given time. 54 students participated from S.Y. B.Tech of Computer Engineering Department. Student's feedback reflected that they have understood the concept. On the basis of various criteria winners has been selected by the judges.

Winners and Best Performance:

1. Rockstars- Harshada Dhakad, Shruti Patil
2. Brain Clans- Gaurav Shirude, Meet Sarolia



GROUP DISCUSSION ENCOURAGES PARTICIPATION AMONG PASSIVE LEARNERS AND ADDS CONFIDENCE TO THE STUDENTS TO APPEAR IN GROUP DISCUSSION.



DEPARTMENTAL ACTIVITIES

SOFT - SKILL BUILDING

June 6, 2023:

A soft - skill building activity was held on the 6th of June 2023 in SVKMIIOT Dhule organised by ACM and ACES student clubs. This activity focused on strengthening the presentation skills of students and also encouraged students to be more interactive and expressive.

The session started with a brief introduction from Prof. Aamirkhan Pinajri. He made the students realise the importance of having good presentation skills in corporate jobs. Thereafter, ACES and ACM club members conducted various activities like impromptu presentation, rebus quiz, and vocabulary games. They also conducted some fun games to increase students participation.

All in all, the session was a success and very helpful for all those who were a part of it.



Glimpse of the event

DEPARTMENTAL ACTIVITIES

EXPERT TALKS

09 FEB 2023 :

Talk on "Preparing for ICPC and winning a Hackathon" by Dr. Prashant Nair, ACM India's Eminent Speaker

24 MAY 2023 :

Expert talk on "Real-world algorithm application" by featured guest speaker Mayur Chandwadkar, CEO, Infotech Incorporate.

11 MAR 2023:

Expert talk on "I.P.R. basics for computer engineering students", featuring guest speaker Prof. Raosaheb Ghegade.

25 MAY 2023:

Expert talk on Distributed Operating Systems, featuring Dr. Vijay Kotkar as a guest speaker.

18 Mar 2023 :

Expert talk on "Cracking Technical Interviews" by Mr. Kunal Relan, Tech Lead at Mphasis.

26 MAY 2023 :

Expert talk on "Mobile Adhoc Network" by Dr. Makarand Shahade, Associate Professor & HOD of Computer Engineering, SVKM's Institute of Technology, Dhule

21 APR 2023 :

Expert talk on "Code Generation for DAG" for computer engineering students, featuring guest speaker Prof. Rupali Bora.

27 MAY 2023 :

Expert talk on "AWS IOT Core & Device Management " by Mr. Sanket Chaudhari, Software Engineer, Visten and Alumni 2021 batch.

DEPARTMENTAL ACTIVITIES

ZEST-FEST 2023

June 16, 2023:

The second year and third year students of computer engineering had organized Zest-Fest : A farewell party for students of final year B.tech. The party was organized in seminar hall of SVKMIOT. All students had a beautiful evening together followed by lots of memories.



B.tech 2023 Batch



SWEET ENDING TO A NEW BEGINNING!

DEPARTMENTAL ACHIVEMENTS

YOUNG SCIENTISTS AND RESEARCHERS



Launch of 150 PICO satellites and APJSLV Rocket Mission and Anuranjan Singh being honoured



February 19, 2023:

Third year computer engineering student Mr. Anuranjan Singh honoured as a member of the team of Young Scientists and researchers for the 150 PICO Satellites and APJSLV Rocket Launch Mission.

DEPARTMENTAL ACHIVEMENTS

IMPETUS AND CONCEPTS' 23



2nd
PRIZE

April 23, 2023:

Our second year students Mr. Jayesh Chaudhari and Mr. Tejas Chaudhari bags the Second prize in Impetus and Concepts'23 an International Level Technical Symposium at Pune institute of Computer Technology (PICT).

DEPARTMENTAL ACHIVEMENTS

GATE - 2023

Three of our students from Final year and Third year (Computer Department) has qualified GATE-2023 Examination.



Mr. Vivek Pawar from Final year has qualified GATE-2023 Examination with AIR 60 and got admission in M.Tech (Computer Science & Examination) at IIT Bombay

Ms. Shraddha Changune from Final year has Qualified GATE-2023 Examination and secured All India Rank 7138



Mr. Sanket Borse from Third year has Qualified GATE-2023 Examination and secured All India Rank 10803

CONGRATULATIONS AND BEST WISHES!

DEPARTMENTAL ACHIVEMENTS

NPTEL EXAMINATION JAN-APRIL 2023

Elite+Gold & Elite+Silver

Course Name: Intoduction To Indusy 4.0 and Industrial Internet Of Things



Elite+Gold



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver



Elite+Silver

DEPARTMENTAL ACHIVEMENTS

NPTEL EXAMINATION JAN-APRIL 2023

Elite+Gold & Elite+Silver

Course Name: The Joy Of Computing Using Python



Mr. Ayush Kakaria

Elite+Silver



Mr. Mohit Desale

Elite+Silver



Mr. Siddeshwar Nerkar

Elite+Silver



Mr. Soham Chaudhari

Elite+Silver

Course Name: Deep Learning



Mr. Vivek Pawar

Elite+Silver

Course Name: Programming in Java



Mr. Hrushikesh Sonar

Elite+Silver

CONGRATULATIONS TO ALL!!!

DEPARTMENTAL ACHIVEMENTS

MUMBAI HACKS



June 4, 2023:

Students from our third year won prize money of 50,000 in the "Mumbai Hacks - Student Track".

Project Name: HyperBlog

Project Idea: Easily Generate SEO Optimized Blogs from large data files within few clicks.

Winners of Hackathon (Team members):

1. Pratik Bhagat
2. Pratham Bhagat
3. Saifuddin Saiffee
4. Murtaza Jarif

DEPARTMENTAL ACHIVEMENTS

PUBLICATIONS

BOOK AND BOOK CHAPTER:

- 1 Dr. Makarand Shahade published a book titled Mobile Ad Hoc Network -A Reliable Power Routing Scheme for Mobile Ad Hoc Network
- 2 Falguni Shinde and Priyanka Vibhandik, B.Tech students under the guidance of Prof. Khalid Alfatmi published a chapter on E-waste Management Strategies and its Opportunities: Toxic but Beneficial for the book Waste Recovery and Management published by CRC press Taylor & Francis Group

CONFERENCE PAPER:

- 1 Lina Thakare, B.Tech student and her project group under the guidance of Prof. Khalid Alfatmi presented a paper on DAKSHA: A Smart Learning Platform for DBATU at 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS). The paper is available on IEEE Explore

JOURNAL PAPER:

- 1 Prof. Umakant Mandawkar published a paper titled Alzheimer disease classification using tawny flamingo based deep convolutional neural networks via federated learning in a SCI Journal called as The Imaging Science Journal
- 2 Prof. Bhushan Nandwalkar along with other staff and B.Tech project group published a paper titled Descriptive Handwritten Paper Grading System using NLP and Fuzzy Logic in Scopus indexed International Journal of Performability Engineering
- 3 Prof. Kiran Somwanshi along with his B.Tech project group published a paper titled Crop Prediction and Fertilizer Recommendation Using Machine Learning in UGC approved International Journal of Engineering Research and Applications

TRAINING AND PLACEMENT CELL

INTERNSHIP + PPO*

SR NO.	NAME OF STUDENT	COMPANY
1	Krutika Dilip Yeola	Celebal Technologies
2	Garud Jayesh Gopinath	Celebal Technologies
3	Dhamecha Ruchi Mahesh	Celebal Technologies
4	Neha Barku Deshmukh	Celebal Technologies
5	Chauhan Purva Virendrasingh	Celebal Technologies
6	Mansi Jagdish Patil	Celebal Technologies
7	Chaudhari Netra Mahesh	Celebal Technologies
8	Shubham Aragade	Celebal Technologies
9	Wagh Isha Sanjay	Celebal Technologies
10	Yeshi Pratiksha Arun	Celebal Technologies
11	Sayaji Nayan Prakash	Celebal Technologies
12	Utkarsha Rajendra Patil	Celebal Technologies
13	Sanket Prakash Borse	Celebal Technologies

* : Internships in progress

DEPARTMENT OF COMPUTER ENGINEERING

B.TECH 2023 BATCH



EDITORIAL TEAM



Prof. Khalid Alfatmi



Mr. Anish Nale



Ms. Prerna Khairnar



**Ms. Kadambari
Suryawanshi**



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