



Government Polytechnic, Pune

(An autonomous institute of Government of Maharashtra)

Ganeshkhind, University Road, Shivajinagar, Pune-411016

Department of Computer Engineering

NEWSLETTER

January to May 2024





Dear Readers,

It is a pleasure to present the latest issue of the Computer Engineering Department Newsletter at Government Polytechnic Pune. This edition highlights recent innovations and achievements from our talented community of students, faculty, and alumni.

We extend our heartfelt thanks to everyone who contributed to this publication, showcasing the passion and dedication that drive our department's success.

As you explore this newsletter, we hope the stories and insights inspire further innovation and collaboration within our vibrant community. Thank you for your continued support and enthusiasm.

Warm regards,

**The Editorial Team
Computer Engineering Department
Government Polytechnic Pune**

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About Institute

Government Polytechnic, Pune, an autonomous institute of Government of Maharashtra is established in the year 1957. Institute is awarded academic autonomy in May 1994. It houses in its 28 acre campus: main building, Computer Engineering, Information Technology and Science department building, Electronics and DDGM department building, staff quarters, workshop building, exam section building, conference halls, hostels, classrooms for various disciplines, library, canteen, mess, post office, cooperative stores, etc.

Institute Vision

To develop self-reliant, versatile, innovative, quality conscious engineers for betterment of society.

Department Vision

To develop innovative, dynamic, and proficient computer engineers to fulfill need of stakeholders

Institute Mission

1. Imparting updated curriculum in association with stakeholders.
2. Providing with the state of art infrastructure & facilities.
3. Set up strategic alliance with industries.
4. Enhancing e-governance.
5. Continuous development of faculty & staff.

Department Mission

1. Design and develop latest and modern curricula engaging industry with due considerations towards current needs.
2. Provide exposure of latest tools and technologies in the area of computer engineering.
3. Promote students awareness on life - long learning and encourage them for positive attitude, self-motivation and problem solving.
4. Adopt new technology for evaluation, assessment and training.
5. Enrich knowledge and skills of faculty for better learning outcomes.

Principal's Desk



Dr. Rajendra K. Patil
Principal

Government Polytechnic, Pune established in 1957 is one of the oldest Polytechnic in India and located at Shivajinagar in the heart of Pune city. Considered as India's one of the leading autonomous Polytechnics, we aim at providing skill based Diploma Education to students' through state-of-art curriculum designed in co-ordination with industry . It is framed with a view of transforming students, who could be of tremendous help in making meaningful contributions to industries, community and rural development as well as inculcating a spirit of self employment through all round training and skill development courses.

Government Polytechnic, Pune has a wealth of talent and knowledge with qualified faculty and high merit students. Equipped with good physical facilities in the form of buildings, lecture halls, laboratories, workshops, hostels etc. With skilled technicians and craftsman for adoption of appropriate technologies, we consistently adapt to the changing needs through continuous up gradation of all our resources. My organization, is committed towards imparting education which as defined by Swami Vivekananda says "Education should be man-making , life giving and character building".

HOD's Desk



Mrs. Jyoti R. Hange
Head of Department

The Department of Computer Engineering was established in 1993 with intake of 90 students. The department has good infrastructure with well- established laboratories. The department has experienced and dedicated faculties who give personal attention to each individual student. The department emphasizes on effective teaching learning process including project-based learning using modern tools and technologies implementing updated Curriculum. Computer department faculties are working hard to improve upon the quality of education and the student's overall performance in the era of rapidly changing technology. The department encourages students to participate in various State and National level competitions, project exhibitions, hackathons, sports events, and extra- curricular activities. Students have won awards in various competitions including significant achievements in Smart India Hackathon.

Editorial Committee



Editor in Chief
Mrs. Jyoti R. Hange



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Smt. H. S. Pawar



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Smt. L. S. Korade



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Mayuresh Muluk



Co-ordinator
Atharva Naik



Co-ordinator
Atharva Nangare



Co-ordinator
Sahil Maske

Co-Curricular and Extra-Curricular Activities

1. Departmental PBOS Meeting

3rd Meeting

Date :

20/04/2024

Venue:

Conference Hall (Computer Dept)



2. Alumni Meet

An alumni meet was organized by Government Polytechnic Pune which included the past alumni's of Computer department.

Alumni's from last year and past 3 years had gathered on the occasion. A program was held in which alumni shared their experience with the third year students.



3. Parents Meet

A Parent-Teacher Meet was organized by the Computer Engineering Department at Government Polytechnic Pune, offering a platform for parents and faculty to discuss students' academic progress.

Key departmental updates and future initiatives were shared, encouraging insightful discussions. The event fostered stronger communication and collaboration between the institution and families for the students' success



4. Workshop

a. Web Development

Date : 11/03/2024 to 13/03/2024 (3 Days)

Expert Name :

1. Mr. Shivam Hande
2. Mr. Shivam Avantakar

Expert Organisation :

1. Full-Stack Developer, CWIPEDIA, Pune.
2. Back End Developer, CWIPEDIA, Pune.

Student Count : 210 students



b. Agile Lean Six Sigma Software Management

Date : 15/03/2024 to 16/03/2024 (2 Days)

Expert Name :

1. Mr. Santosh D. Awasarkar

Expert Organisation :

1. Sr. Counselling Partner, TNS, Singapore

Student Count : 90 students



Industrial Visit

C-DAC Visit



H3 Division

Date :

28/02/2024

Industry Name:

C-Dac Pune

No. of students :

68 students

Students from the Computer Engineering Department at Government Polytechnic Pune visited C-DAC Pune for an industrial tour. They gained valuable insights into cutting-edge technologies and real-world applications in the IT and computing sector. The visit offered a firsthand experience of industry practices, enhancing their technical knowledge and career perspectives.

PHN Technology



N3 Division

Date :

16/02/2024

Industry Name :

PHN Technology, Viman Nagar, Pune

No. of students :

17 students

Students from the Computer Engineering Department at Government Polytechnic Pune visited PHN Technology, Viman Nagar, Pune for an industrial tour. They explored various technological innovations and real-world applications in the field of IT and automation. The visit provided practical exposure, enriching their understanding of industry standards and processes.

Police Wireless



G2 Division

Date:

16/02/2024

Industry Name:

Police wireless and spl,Pashan ,pune

No. of Students:

40 students.

Students from the Computer Engineering Department at Government Polytechnic Pune visited the Police Wireless and Special, Pashan, Pune for an industrial tour. They gained insights into wireless communication technologies and explored their applications in law enforcement. The visit provided practical exposure, enhancing their understanding of secure communication and real-time operations.

Police Wireless



H2 Division

Date:

16/02/2024

Industry Name:

Police wireless and spl, Pashan, Pune

No. of Students:

53 students.

Students from the Computer Engineering Department at Government Polytechnic Pune visited the Police Wireless and Special, Pashan, Pune for an industrial tour. They gained insights into wireless communication technologies and explored their applications in law enforcement. The visit provided practical exposure, enhancing their understanding of secure communication and real-time operations.

Police Wireless



N2 Division

Date:

09/02/2024

Industry Name:

Police wireless and spl, Pashan, Pune

No. of Students:

51 students.

Students from the Computer Engineering Department at Government Polytechnic Pune visited the Police Wireless and Special, Pashan, Pune for an industrial tour. They gained insights into wireless communication technologies and explored their applications in law enforcement. The visit provided practical exposure, enhancing their understanding of secure communication and real-time operations.

Student Achievements

1. DIPEX – 2024

State level Project exhibition

Category : State Level

Conducted By : Srijan and ABVP

Date : 7th – 10th March , 2024

Venue : Terna Dental College , Navi Mumbai

Achievement : Winner

Name of Student : Aayusha Marne

Shruti Marne

Samruddhi Kale

Namrata Khade



2. DIPEX – 2024

State level Project exhibition

Category : State Level

Conducted By : Srijan and ABVP

Date : 7th – 10th March , 2024

Venue : Terna Dental College , Navi Mumbai

Achievement : Runner Up

Name of Student : Mayuresh Tukaram Muluk
Aditya Anil Naik
Siddhi Santosh Khomane
Shravani Pramod Nigade



3. Brain Teaser Competition (InfoSpark PCP)

Name: Pranav Mahadev Bhoite
Kalpesh Dnyaneshwar Borse
Achievement: Secured 2nd Rank



4. National Level Project Competition

Team: Mokshada Sheth
Snehal Wadhane
Shraddha Kokare
Sharda Merukar



5. Achieved Goodies from Google Cloud

Our Student Kunal Khairnar participated in Google Cloud's Program to learn about Cloud Architecture and working. In that process I learned about so many features of cloud that can make developer's life easy and developed a skill in me to handle cloud architecture and its features. In that Program I earned Great Points and Could Secure a Gift from Google i.e. BAG.



6. Best Outgoing Student of The Year Award

Our student **Mayuresh Muluk** is awarded with “Best Outgoing Student of The Year Of Government Polytechnic , Pune for year 2023”



7. Achievements of Students in Different Competitions

Students from computer department have achieved ranks in different technical competitions in various colleges



Expert Lecture

1. Mental Health.

Expert lecture on Technical Interview discussion organized by the computer department. Dr. Pallavi Kasande gave various tips and knowledge about Mental Health.

Date: 17th February 2024

Participants: 210 Beneficiaries

Expert Name :Dr. Pallavi KasandeCounselling Head, MKSSS Baya Karve Womens’s Safety and Research Center

Coordinator: Smt. B. R. Amrutkar (Lecturer, Computer Department)



2. Expert Lecture on Animation.

The Computer Department organized an expert lecture on Animation, delivered by Mr. Sandip Singh. He discussed various topics related to animation and gave a brief introduction to the subject, highlighting its growing relevance in fields such as gaming, film, and digital media.

Date: 17th February 2024

Participants: 67 Beneficiaries

Expert Name: Mr. Sandip Singh Assistant Cluster, Head, MAAC, Pune

Coordinator: Smt. A. A. Shaikh (Lecturer, Computer Department)



Expert Lectures For Faculty

Expert Lecture on ChatGPT:

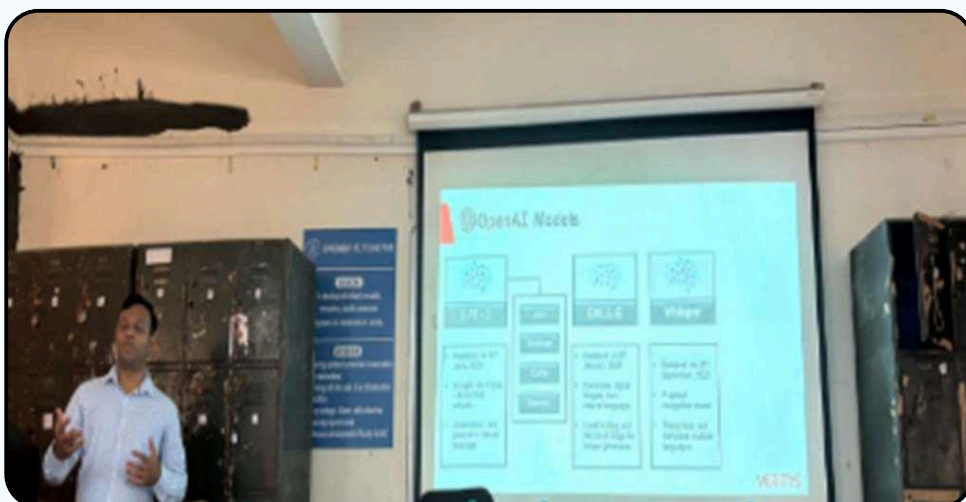
An expert lecture was organized on 16 of February by the computer department faculties.

Date : 16 March 2024

Participants : All Faculties of
Computer Department

Expert Name : Mr. Prashant Satpute

Coordinator: Smt. S. B. Gosavi



Sports

Computer Department has participated in State Level Sports Competition. Students from computer department Participated in various sports competition at state level like chess, kho-kho, kabbdii and volleyball.

1. Girls Winner in Carrom (D2 Zone)



2. Girls runner up in chess :



3. Girls Kabaddi Winner



4. Girls Kho-Kho runner up :



5. Girls Volleyball Winner :



6. Boys volleyball winners :



Faculty Publication

Faculty Name: Ms. Nanda R. Wagh

Qualifications: B.E. (Computer Science & Engineering), M.E. (Computer Science & Engineering), Ph.D. (Pursuing)

Reviewer Experience:

Actively working as a reviewer for prestigious IEEE conferences and journals, including:

- ICDCOT24, IEEE Bangalore Section (March 2024)
- ICDSNS23, IEEE Bangalore Section
- Reputed journal reviewer for various academic publications

Ms. Nanda R. Wagh's contributions as a reviewer reflect her expertise to the academic community in the field of Computer Science and Engineering.

Project Exhibition

A project exhibition was held by the third-year students of the Computer Engineering Department, where they showcased their final year projects. The event was attended by second-year students as well, who actively engaged with their seniors, gaining insights and inspiration for their own future projects.



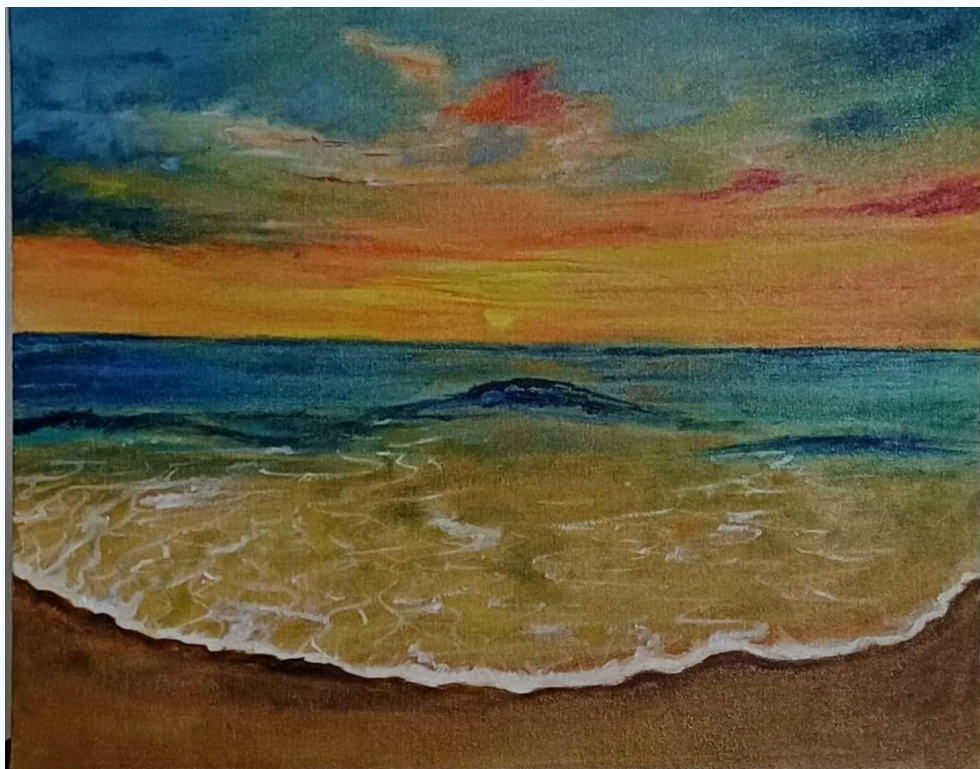
Best Project Polytechnic 2023-24



One team of students from the Computer Department also won the state-level project competition hosted by the Indian Society for Technical Education (ISTE) and was awarded the 'Best Project Polytechnic 2023-24'. Another team secured the 2nd prize in the same competition.



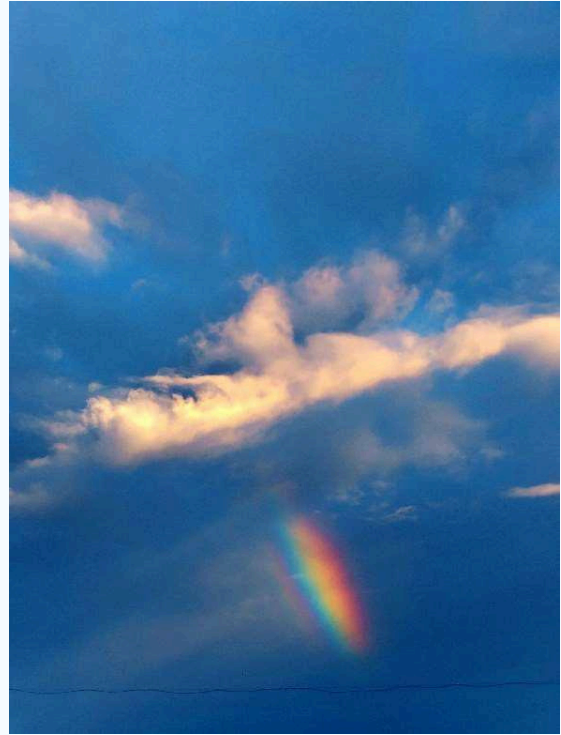
Art Gallery



Tanaya Jadhav (G1)



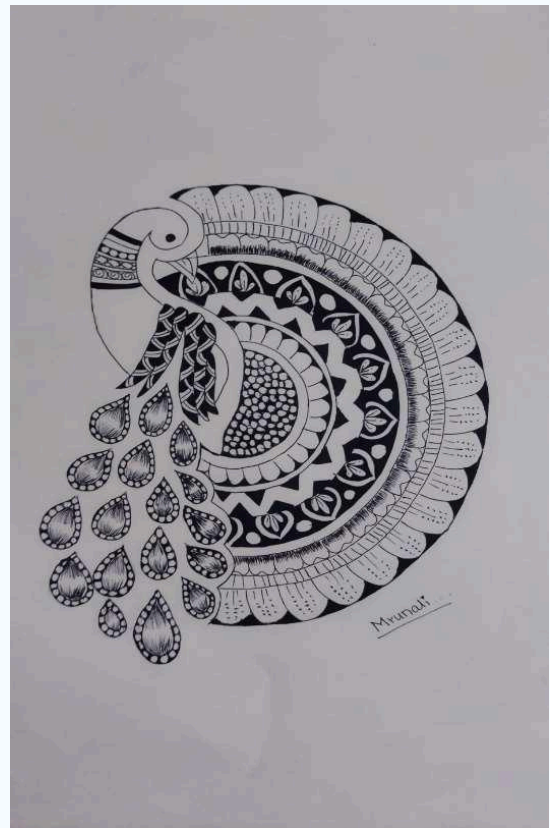
Yash Mulay (G2)



Yashraj Dongre (G2)



Yash Kolte (H1)



Mrunali Kumbhar (H1)



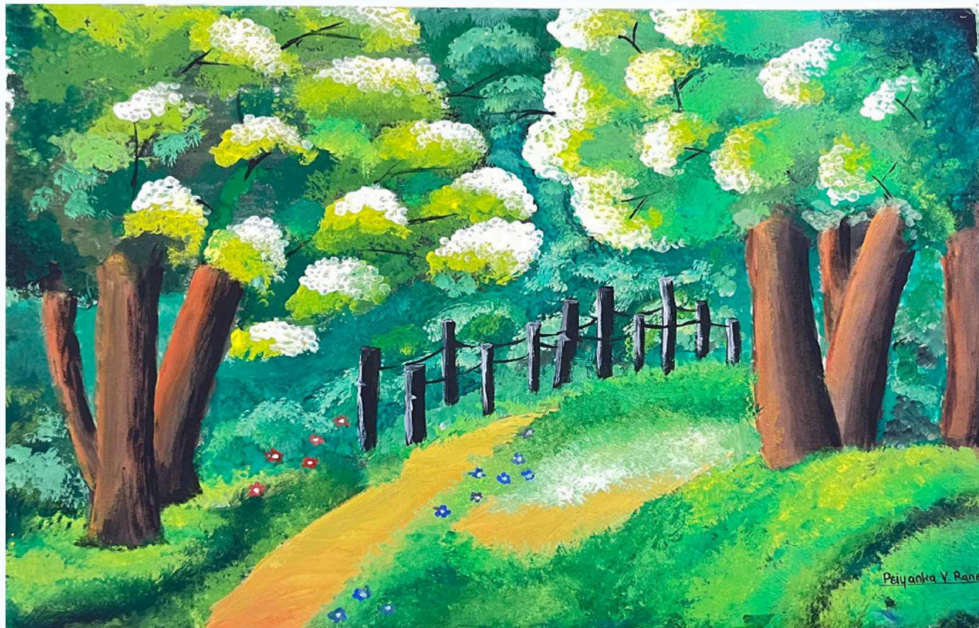
Harmaien Shaikh (G1)



Ardra Patil (G1)



Harmaien Shaikh (G1)



Priyanka Rane (N2)

Closing Thoughts

As we conclude this edition of our newsletter, we want to express our heartfelt gratitude to everyone in the Computer Department at GPP. To our students, your curiosity and dedication inspire us daily. To our faculty and staff, thank you for your unwavering support and mentorship that shapes our future. We appreciate our alumni for staying connected and motivating current students. A special thanks to our industry partners for enriching our curriculum, and to our families and friends for your encouragement. Together, we are building a vibrant community that values innovation and collaboration. Let's continue to support one another in our journey ahead!