Hon'ble Dr. Pantangraoji Kadam Saheb
Founder, Bharati Vidyapeeth

Blessings

Bharati Vidyapeeth's
College of Engineering for Women, Pune

Participation of women in technology is an important aspect in social and economic development of the nation. It is a critical constituent in the process of improving the quality of life of women themselves. When women have economic empowerment, it is a way for others to see them as equal members of society. Through this, they achieve more self-respect and confidence by their contributions to their communities. As women play key roles in social transformation, Hon'ble Dr. Patangraoji Kadam Saheb established Bharati Vidyapeeth's College of Engineering for Women, Pune in June 2000 with the vision, "Women empowerment through Technical Education" and provided opportunity to women for higher education in the field of technology. The institute was started exclusively for women and it is running with 100% women students. Establishing and running Women Engineering College really contributes to social transformation through dynamic education which is the vision of Bharati Vidyapeeth.

Bharati Vidyapeeth's College of Engineering for Women, Pune

Pune-Satara Road, Dhankawadi, Pune 411043
Recognized by AICTE, New Delhi, DTE Mumbai
Affiliated to SavitribaiPhule Pune University, Formerly University of Pune
Accredited by NAAC
Id No.: PU/PN/Engg./150/2000, DTE College Code: EN6285
Phone: (020)24371684, (020)24361732 Fax: (020) 24372210
Email: coewpune@bharatividyapeeth.edu, Website: http://coewpune.bharatividyapeeth.edu

Undergraduate Programme

Sr. No.	Course	Intake	Course Code
1	B.E. Electronics and Telecommunication Engg. (E & TC)	120	628537250F
2	B.E. Computer Engg. (CE)	60	628524550F
3	B.E. Information Technology (IT)	60	628524650F

Post Graduate Programme

Sr. No.	Course	Intake	Course Code
1	M.E. (E & TC-VLSI & Embedded System)	9	628534150F

Vision:

Women Empowerment through Technical Education

Mission:

- Develop women students to rise to their full potential.
- Impart knowledge and prepare competent engineers.

Special Features:

1. Received "Best Women College of the Year 2019" Award.
2. Recipient of "College of Substance" Award.
3. The oldest engineering college "exclusively for women".
4. All government scholarships are applicable for eligible students.
5. Placement opportunities in multinatonal companies with 100% assistance.
6. Excellent university results and tradition of consistent university rank holders.
7. MOUs with reputed industries and academia.
8. On campus hostel facility with 24 × 7 security.
9. DTE approved e-Scrutiny centre for admissions.

Facebook: https://www.facebook.com/Bharati-Vidyapeeth-College-of-Engineering-for-Women-Pune-1599060517007121
Instagram: https://instagram.com/bvcoew_pune?igshid=ep1a85ikhj6s

Principal's Message

Prof. Dr. S. R. Patil

Principal

Dear Students, parents and all the stakeholders,

Greetings from BVCOEW, Pune!

Hope you all are well and keeping good health. I am really delighted to release the e-newsletter 'Blessings…', Volume 5, Issue 2, A.Y. 2022-23 of our college. The e-newsletter is very powerful platform to present all the technical activities, achievements of students and teachers during last semester.

I am happy that we could conduct many technical and extracurricular activities for our students in the last semester. Conducting a variety of technical and extracurricular activities can greatly enhance students' educational experience and helpful for their overall personality development.

I highly appreciate the team efforts of Coordinator Prof. Dr. Deepali Godse, all Chief Editors and Editors for making of the e-newsletter a grand success. I also extend my best wishes to the student editorial team. The e-newsletter is the outcome of great teamwork and we always believe in "TEAMWORK IS THE KEY TO SUCCESS".

From the Desk of Coordinator...

Prof. Dr. D. A. Godse
Newsletter Coordinator

We are blessed forever by Honourable founder of Bharati Vidyapeeth, Dr. Patangraoji Kadam Saheb. With his blessings, our institute is on the path of continuous improvement and progress.

We feel proud to share technical activities and achievements of our students and staff with our stakeholders via e-newsletter. We are grateful to all eminent speakers and experts from industries, companies, academia and alumnae for providing training and guiding our students through various technical activities. Their cooperation helps us to bridge the gap between industry and institute. Our special thanks to the esteemed recruiters who have selected our students through placement activity and are providing opportunities to work at their companies.

As said by Gary J. Shapiro, an acclaimed author, lobbyist, and the president and CEO of the Consumer Technology Association, "Connectivity and technologies are not only solving some of the biggest problems in the world, but they're also enhancing the experience for everyone".

I am thankful to Prof. Dr. S. R. Patil, Principal for his all-time support. I appreciate efforts of editorial team of e-newsletter which helps a lot to reveal e-newsletter issue in time at the start of each semester.

With proud presenting herewith...

e-newsletter, Volume5, Issue2, AY 2022-23.

Department of Computer Engineering

Vision :

➢ *Pioneers in women Computer Engineering by providing competent technical knowledge and enriched social awareness.*

Mission :

➢ *To inculcate quality education in various domains of Computer Engineering.*

➢ *Encourage students, to showcase their talents and search the community needs.*

➢ *To improve technical competency by providing value added training.*

Programme Educational Objectives :

➢ *The graduate of the program will implement strong fundamental domain knowledge to solve engineering problems with modern tools and technology.*

➢ *The graduate of the program will work as a committed professional, demonstrating strong ethical practices with understanding of social responsibilities for betterment of society.*

➢ *To prepare a motivated graduate by inculcating multidisciplinary thinking through research attitude and lifelong learning.*

➢ *To prepare graduates with strong communication and leadership skills to work effectively as an individual as well as in teams.*

HOD's Message

Prof. D. D. Pukale
Head of Computer Engineering Department

First of all, I would like to congratulate faculty members and students of newsletter team for their efforts in the newsletter formation. It is my pleasure to write message for newsletter.

Computer Engineering Department was established in the year 2000 with the objective to impart quality education in Computer Engineering. The students here are the budding engineers with right knowledge, and we propel them to the path of success in the country and abroad. The program focuses on theoretical computer science as well as software and application development. Department has well qualified and vibrant faculty dedicated for the betterment of the students. The long-term goal of the department is to harness the skills of faculty and students to create a technically sound learning environment that can be beneficial to the industry, society and in the field of technical innovation. The students passed out from the department are well placed with good packages and having multiple offers from various industries or have opted for higher studies. The department encourages students to enhance their knowledge not only from academic perspective but also from industrial perspective by undertaking various online courses available on reputed platforms such as NPTEL, Coursera etc. In addition, faculty of department are conducting workshops like "AWS certification" for introducing students to new technology.

"Avinya23 -Technical Festival"

Bharati Vidyapeeth's College of Engineering for Women, Pune organized two-days Technical Festival, Avinya-23 on 27th and 28th April 2023.

The inaugural function of the Technical Festival was held on 27th April. The chief guest for the inaugural function was Mr. Vivek Sawant, Chief Mentor, MKCL. The guests of honour for the inaugural function were Dr. V.V. Shete, Chairman IETE Pune Local Centre, and Dr. K.D. Jadhav, Joint Secretary, Bharati Vidyapeeth, Pune.

Prof. R. M. Shamalik, Co-coordinator of the Technical Festival briefed about events in Technical Festival, and Prof. Dr. S. M. Rajbhoj, Co-ordinator of the Technical Festival Avinya-23, introduced the Chief Guest, Guests of Honour followed by the felicitation of all the dignitaries on the dais.

Prof. Dr. S. R. Patil, Principal, Bharati Vidyapeeth's College of Engineering for Women, Pune, gave a wonderful welcome speech, which was followed by inspirational speeches of the guests of honour Dr. K. D. Jadhav and Dr. V. V. Shete. Mr. Vivek Sawant, Chief Guest of the event, presented a wonderful PowerPoint presentation and enlightened all the students. It was a great pleasure to listen to an individual who has such a wealth of knowledge. The program ended with Vote of Thanks presented by the General Secretary of Avinya-23, Miss. Tanushree Desale.

After the inaugural function, everyone proceeded towards the college to witness the Technical Festival. All the dignitaries cut the ribbon in respective laboratories where various events of the Technical Festival were happening. On 27th April, Technovations (Project Competition), Intellectual Exchange (Paper Presentation), Yukti (Business/Entrepreneurship Poster Presentation), Screen War (Gaming Zone) and on 28th April, Aarohana (Startup Pitch Idea), Robo Maze (Robo Race), Techtrix (Technical Quiz), Prayaas (Portfolio Building), Haktech (Hackathon) were scheduled.

Both days saw active participation of students from various colleges in Pune. Faculty and Student Co-ordinators helped in the smooth functioning of the festival. Overall, Avinya-23 was a grand success, and it provided an excellent platform for engineering students to showcase their talents, skills and learn from industry experts.

Major Technical Activity

➤ *AWS Workshop:-* Department of Computer Engineering of Bharati Vidyapeeth's College of Engineering for Women, in association with AWS (Amazon Web Services) Academy, organized online workshops on various topics. Dr. Sonali Kadam, Prof. A. P. Kadam, Prof. K. D. Yesugade and Prof. N. I. Dalvi with AWS training partnership conducted these workshops. The details are as follows –

Sr. No	Name of Course	Duration	Total No. of Students Involved	Class
1	Data Centre Technician	36 Hrs	77	SE
2	Introduction to Cloud-Semester 1	60 Hrs	80	TE
3	Introduction to Cloud-Semester 2	60 Hrs		
4	Machine Learning	20 Hrs	82	BE
5	Machine Learning and natural Language Processing	20 Hrs		
6	Data Engineering	40 Hrs		

➤ *Capgemini Internship Program 2023:-* Our Institute in association with Capgemini's Corporate Social Responsibility (CSR) team has organized one month internship program for Third Year students of all departments. Prof. Dr. Sonali Kadam has coordinated this activity.

Total 40 students are selected for this Internship program. The overall process has been carried out following the steps:
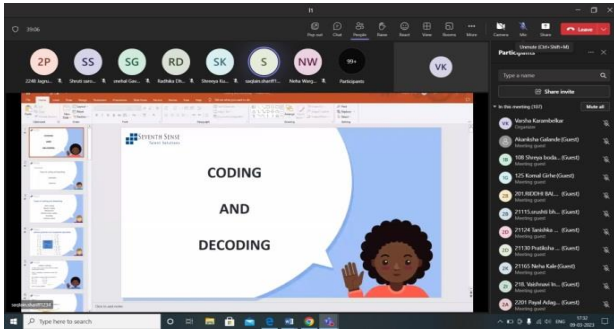1. Candidate selection and short listing
2. Induction Programme
3. Performance assessment
4. Finalist selection
5. Final Assessment

Final assessment for the selected interns was done in offline mode at Capgemini, Mumbai. Jury Pannel from Capgemini assessed these interns for technical proficiency, presentation skills etc. and declared winners as follows:
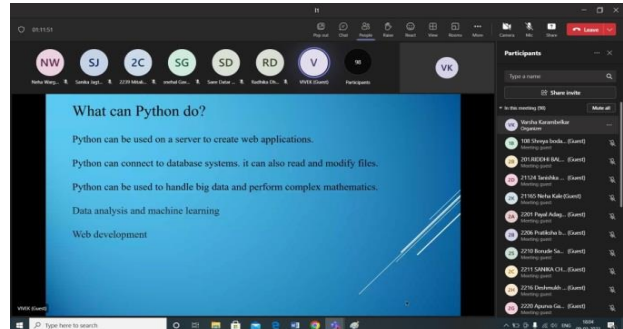1. Dhanashree Kadam - Winner
2. Krutika Ipar - 1 st runner up
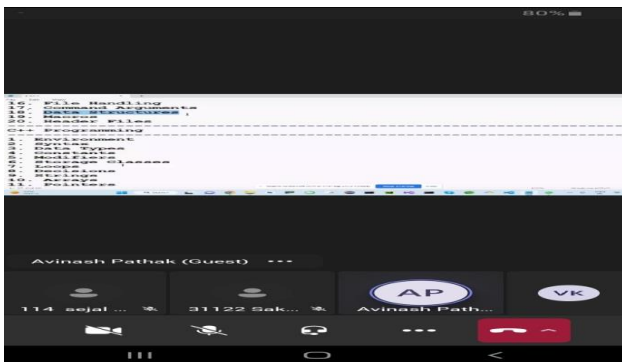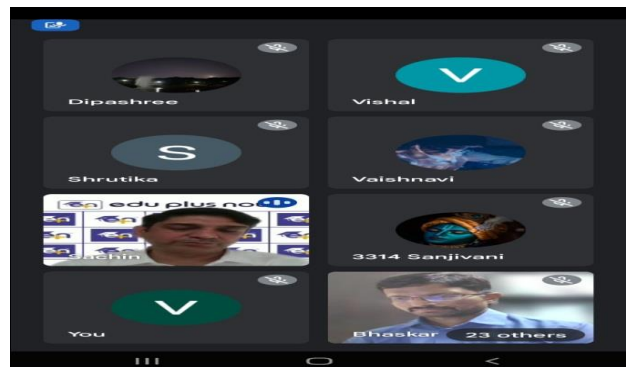3. Shrishti Bhoite - 2 nd runner up

Industry Institute Interaction

Webinar on "Coding and Aptitude", by Mr. Aditya Wakodkar, Corporate Trainer, Seven Sense Pvt. Ltd., on 25/02/2023 for TE Computer Engineering students.
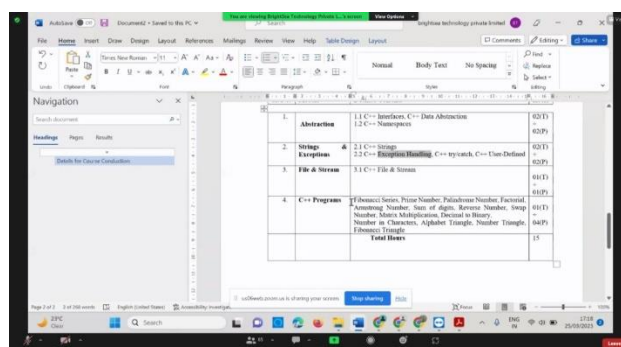

Webinar on "Coding and Aptitude" by Mr. Aditya Wakodkar, Corporate Trainer, Seven Sense Pvt. Ltd., on 09/03/2023 for SE Computer Engineering students.

Webinar on "Training of Technical and Soft Skill Demo", by Mr. Avinash Pathak, Corporate trainer, Carpe Diem Boot Camp, on 11/03/2023 for TE Computer Engineering students.

Webinar on "Training Demo on Coding and Aptitude", by Mr.Sachin, Corporate Trainer, Eduplus Pvt. Ltd., on 21/03/2023 for TE Computer Engineering students.
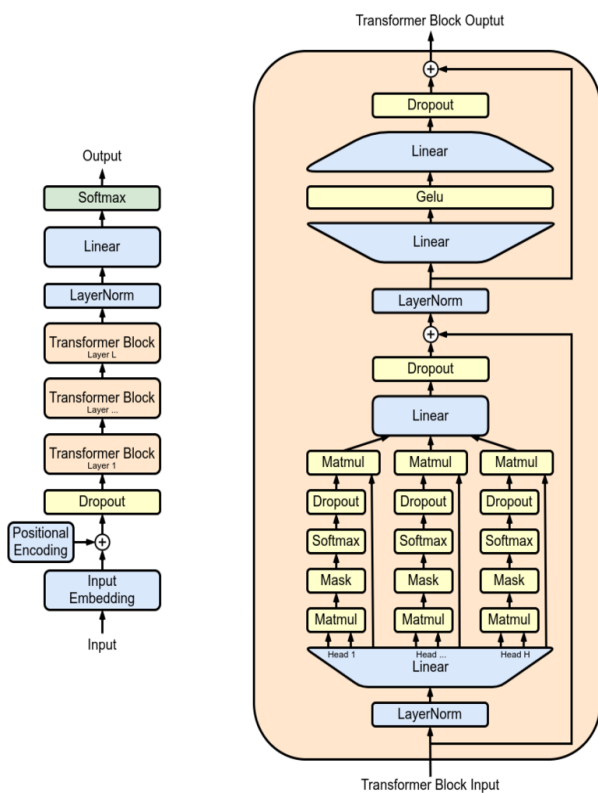

Webinar on "Coding Super Power: Go Easy with C++ and Logic Building", by Mrs. Bhakti Jagtap, Director, BrightSea Technology OPC Private Limited, on 24/03/2023 for SE Computer Engineering students.

Generative Pre-trained Transformer

Generative pre-trained transformers (GPT) are a family of large language models (LLMs) and a ground breaking framework for generative artificial intelligence. Introduced by OpenAI in 2018, GPT models are artificial neural networks based on the transformer architecture. These models are pre-trained on vast amounts of unlabelled text data and have the capability to generate human-like text.

When a user inputs a sentence or prompt, the GPT model leverages its understanding of language and extracts information from publicly available datasets to create a detailed paragraph or response. GPT models can process various types of text inputs including paragraphs, code snippets and creative writing by providing insights, analysis, and summaries based on the given input.

The transformer architecture utilized by GPT models represents a significant breakthrough in AI research, revolutionizing machine learning (ML) and automating a wide array of tasks. These encompass language translation, document summarization, content creation, web development, design, animation, code generation, research, and even poetry. GPT models are renowned for their speed and scalability, empowering organizations to enhance productivity and reshape applications and user experiences. This has accelerated AI research towards the goal of artificial general intelligence, enabling machines to drive productivity gains and transform various domains. The remarkable scale and speed of GPT models unlock new opportunities for innovation and transformative applications.

Ms. Akanksha Prakash Kadam

BE Comp (Alumna, Batch 2021-22)

Software Engineer (Persistent Systems)

Faculty Achievements

Prof. Dr. S. A. Pawar

Successfully completed Ph.D. on title "Evaluation of Quality of Service Parameters for Security Enhancement of IoT Application", under the guidance of Prof. Dr. S. H. Patil, from Bharati Vidyapeeth (Deemed to be) University College of Engineering, Pune, Maharashtra.

Prof. Dr. S. P. Deshmukh

Successfully completed Ph.D. on title "Development of IoT Broker Architecture Algorithm with Protocol Support for Multimodal Communication", under the guidance of Prof. Dr. S. B. Vanjale, from Bharati Vidyapeeth (Deemed to be) University College of Engineering, Pune, Maharashtra.

Students' Achievements

Sr. No.	Name of Student	Class	Achievements
1	Aishwarya Kottapalli	BE	Presented paper titled "Prediction of Stock Prices Using Sophisticated Machine Learning Technique" guided by Prof. P. D. Kale, in Paper Presentation Avinya- 2023, Organized by Bharati Vidyapeeth's College of Engineering for Women Pune, on 27th April 2023 and **Won First Prize**.
	Shital Patil		
	Suhasi Gadge		
	Piyusha Patil		
2	Kajal Gadekar	BE	**Won 3rd Prize** in Capgemini CodeX Hackathon (Project Competition), Organized by Capgemini, on 11th May 2023. The title of the project was "EcRD: Edge-cloud Computing Framework for Smart Road Damage Detection and Warning", guided by Prof. A. P. Kadam.
	Anuradha Birajdar		
	Rakshanda Borse		
	Ankita Tilekar		

Department of Engineering Sciences and Allied Engineering

Students' Achievements (A. Y. 2022-23)

Sr. No.	Name of the Student	Name of the Scholarship	Amount (Rs.)
1	Akshada Vilas Bombe	Lila Poonawalla Foundation Scholarship	60,000/-
2	Anuja Santosh Adhav	Lila Poonawalla Foundation Scholarship	60,000/-
3	Asha Chandrakant Kandrup	Lila Poonawalla Foundation Scholarship	60,000/-
4	Shaikh Ayesha Bashirul Haque	Lila Poonawalla Foundation Scholarship	55,000/-
5	Chaitali Bhushan Deshmukh	Lila Poonawalla Foundation Scholarship	60,000/-
6	Harshali Sanjay Shewale	Lila Poonawalla Foundation Scholarship	60,000/-
7	Janhvee Sharad Jagtap	Lila Poonawalla Foundation Scholarship	60,000/-
8	Kajal Shivaji Rokade	Lila Poonawalla Foundation Scholarship	60,000/-
9	Khushi Dattatery Deshmukh	Lila Poonawalla Foundation Scholarship	60,000/-
10	Nakshatra Navnath Shinde	Lila Poonawalla Foundation Scholarship	55,000/-
11	Nishtha Shrirang Parande	Lila Poonawalla Foundation Scholarship	60,000/-
12	Payal Sanjay Jadhav	Lila Poonawalla Foundation Scholarship	60,000/-
13	Pranali Santosh Barge	Lila Poonawalla Foundation Scholarship	60,000/-
14	Purva Chandrakant Kharche	Lila Poonawalla Foundation Scholarship	50,000/-
15	Ruchi Dhanjay Patil	Lila Poonawalla Foundation Scholarship	55,000/-
16	Saishri Niyanta Mane	Lila Poonawalla Foundation Scholarship	60,000/-
17	Sanika Prashant Vaidya	Lila Poonawalla Foundation Scholarship	60,000/-
18	Sanika Shebrao Deokar	Lila Poonawalla Foundation Scholarship	60,000/-
19	Sanjana Santosh Chavan	Lila Poonawalla Foundation Scholarship	55,000/-
20	Shravani Parbhat Chavan	Lila Poonawalla Foundation Scholarship	60,000/-
21	Shreyasee Suhas Patil	Lila Poonawalla Foundation Scholarship	60,000/-
22	Shweta Narayan Gogawale	Lila Poonawalla Foundation Scholarship	40,000/-
23	Siddhi Anil Bhujal	Lila Poonawalla Foundation Scholarship	55,000/-

24	Srushti Vyenkat Sawant	Lila Poonawalla Foundation Scholarship	60,000/-
25	Tanvi Ramesh Patare	Lila Poonawalla Foundation Scholarship	60,000/-
26	Vaishnavi Balaji Mugale	Lila Poonawalla Foundation Scholarship	60,000/-
27	Farin Farooq Attar	Lila Poonawalla Foundation Scholarship	55,000/-
28	Eshani Ghanwat	Kiran scholarship of Persistent Foundation	40,000/-
29	Vaishnavi Patil	Kiran scholarship of Persistent Foundation	40,000/-
30	Vaishnavi Zagade	Kiran scholarship of Persistent Foundation	40,000/-
31	Dhanashri Kailas Nanekar	Katalyst Scholarship	15,000/-
32	Durgeshwari Bhaisade	Katalyst Scholarship	15,000/-
33	Janhvi Jaysing Kadam	Katalyst Scholarship	15,000/-
34	Namrata Gund	Katalyst Scholarship	15,000/-
35	Pranali Santosh Barge	Katalyst Scholarship	15,000/-
36	Pratiksha Laxman Kadam	Katalyst Scholarship	15,000/-
37	Sakshi Navnath Ighe	Katalyst Scholarship	15,000/-
38	Sakshi Shelke	Katalyst Scholarship	15,000/-
39	Sakshi Vitthal Sonawane	Katalyst Scholarship	15,000/-
40	Sanika Shebrao Deokar	Katalyst Scholarship	15,000/-
41	Shruti Khandagale	Katalyst Scholarship	15,000/-
42	Shweta Mane Deshmukh	Katalyst Scholarship	15,000/-
43	Tanisha Nipunge	Katalyst Scholarship	15,000/-
44	Tanuja Sawant	Katalyst Scholarship	15,000/-
45	Vaishnavi Hambire	Katalyst Scholarship	15,000/-
46	Vaishnavi Mugale	Katalyst Scholarship	15,000/-
47	Vaishnavi Zagada	Katalyst Scholarship	15,000/-
48	Vijeta Pawar	Katalyst Scholarship	15,000/-

Esteemed Recruiters

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accenture

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e-Zest · Mphasis Unleash the Next · KPIT · MOBISOFT DISCOVER MOBILITY

AIRBUS · Profound · vodafone · HARBINGER GROUP INNOVATE · PARTNER · EXCEL

Cybage Delivering Value. Scientifically. · Prolifics Global Technology Solutions Provider · patni · SYNTEL Consider IT Done

Tech Mahindra · Atos · UBISOFT · PERSISTENT

Placements from January 2023 to May 2023

SR. NO.	NAME OF STUDENT	COMPANY	SR. NO.	NAME OF STUDENT	COMPANY
1	ZIYA FATIMA	STANDARD CHARTERED GBS	19.	SHREYA SAHU	PERSISTENT
2	SHREYA SAHU	STANDARD CHARTERED GBS	20.	SHRUTI NAHAR	PERSISTENT
3	SAMIKSHA BODE	STANDARD CHARTERED GBS	21.	DHANASHREE PAWAR	PERSISTENT
4	DHANASHRI GURULE	STANDARD CHARTERED GBS	22.	DESHMUKH ANUSHKA	HURON
5	KRITI SHARMA	STANDARD CHARTERED GBS	23.	SONAWANE SHREYA	STRIDLEY SOLUTION
6	GADEKAR KAJAL	STANDARD CHARTERED GBS	24.	ANKITA TILEKAR	STRIDLEY SOLUTION
7	VAISHNAVI MAHAJAN	STANDARD CHARTERED GBS	25.	PARDESHI JANHAVI	STRIDLEY SOLUTION
8	KRITI SHARMA	PERSISTENT	26.	RUPALI BHARAMBE	TCS
9	PRACHI WADHAVANE	PERSISTENT	27.	SHRIYA TICKOO	TCS
10	UNNATI JADHAV	PERSISTENT	28.	BIPALI GADE	IBM
11	GADEKAR DEVIDAS	UNO MINDA LIMITED	29.	VEDIKA CHAUDHARI	L&T TECHNOLOGY
12	SAKSHI PRIYA	CAPGEMINI	30.	DUDHANE KOMAL	L&T TECHNOLOGY
13	NEMANWAR SATVIKA	CAPGEMINI	31.	BIPALI GADE	PERSISTENT
14	DHANASHRI GURULE	CAPGEMINI	32.	PHATAK SAKSHI SAMPATRAO	PERSISTENT
15	SAKSHI SANER	CAPGEMINI	33.	APURVA BARI	CAPGEMINI
16	SHRADDHA BIDHATE	CAPGEMINI	34.	GITANJALI GADAKH	CAPGEMINI
17	PHATAK SAMPATRAO	CAPGEMINI	35.	CHAUDHARI ONAL	PERSISTENT
18	RUTUJA ZAGADE	CAPGEMINI			

Editorial Board