



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. Pantangraoji 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 Savitribai Phule 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@bharatividyaapeeth.edu, Website: <http://coewpune.bharatividyaapeeth.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)	09	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 multinational 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 x 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 Honorable 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 Information Technology

Vision

Globally competent women engineers through excellence in IT education.

Mission

- *Develop requisite skills and competencies in the field of IT.*
- *Groom students for responsible and rewarding careers in the field of IT.*
- *Build confidence and personality development through curricular, co-curricular and extra-curricular activities.*

Program Educational Objectives (PEOs)

PEO 1:- Possess adequate knowledge and skills in mathematics, science, and engineering to employ these skills in their chosen fields of specialization.

PEO 2:- Possess the ability to solve problems through technical competency in Information Technology.

PEO 3:- Possess professional competence through life-long learning such as higher studies, registrations to professional bodies, and other professional activities in Information Technology.

PEO 4:- Work ethically and morally in a multidisciplinary workplace and independently in a global, societal, and environmental context.

HOD's Message



Prof. Dr. D. A. Godse

Head of Information Technology Department

The department of Information Technology offers an excellent academic environment with a team of highly experienced, well qualified and dedicated faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them.

We always encourage students to participate in various technical and non-technical competitions and sports events. Our students participate enthusiastically and prove their talents through their achievements. The staff members guide students to write paper based on project work, present it in conference and also to publish in reputed journal. The students showcase their talents in such activities. The students of IT department are always ahead to volunteer during National Technical Festival and Cultural programs organized by our institute. It's an opportunity for their personality development. We focus equally on the academics and overall development of our students.

It's really a proud moment to present the activities and achievements of our students and staff members to our stake holders through the e-newsletter. We hope you will enjoy Volume5, Issue 2 of our departmental semester wise newsletter, "Blessings".

“Avinya 23 -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 dias.

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.

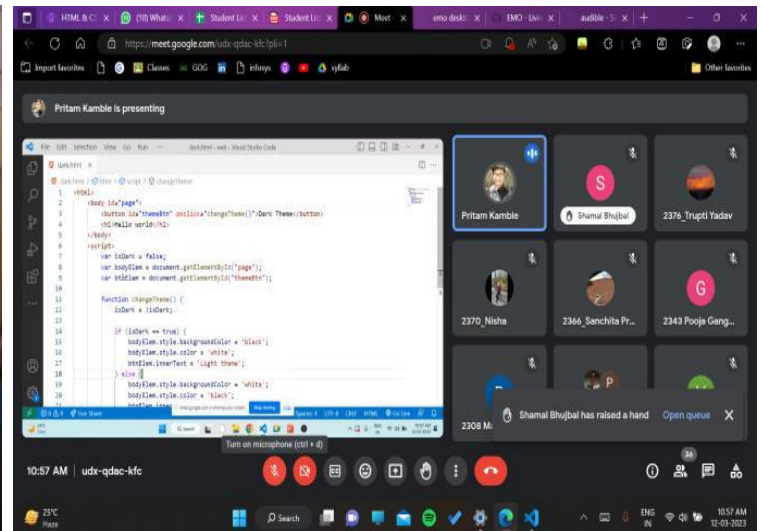
Both days saw active participation of students from various colleges in Pune. Faculty and Student Co-ordinators helped in the smooth functioning of the festival. Overall, Avinya-23 was a grand success, and it provided an excellent platform for engineering students to showcase their talents, skills and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

Major Technical Activity

The Department of Information Technology organized a 30 hours workshop on “Master in Front End Development Using Angular” by Mr. Pritam Kamble, MEAN Stack Developer/Flutter Developer, Biz2credit and trainer at Linkcode Technologies from 11th March, 2023 to 10th May, 2023, through hybrid mode for SE IT students. Total of 50 students have successfully completed the workshop.

The workshop started with a welcome speech and the introduction of the speaker Mr. Pritam Kamble by second year IT student Ms. Neha Sutrave. Speaker, explained HTML, CSS, JavaScript in detail. He taught about the components in Angular JS and working with Angular CLI. He also gave demonstrations for all the concepts he taught.

He assigned mini projects of angular to groups of students. Participation certificates were given to all the students who had participated in the workshop and properly completed the mini project. Workshop was very interactive. The students have got satisfactory answers for their questions.



Industry-Institute Interaction

Sr. No.	Date	Activity	Industry/ Company	Class
1.	25-02-2023	Webinar on “Aptitude and Technical Training”	Seventh Sense, Talent Solutions, Pune	TE IT
2.	25-03-2023	Webinar on “Coding Super Power: Go Easy with C++ and Logic Building”	Bright Sea Technology Pvt. Ltd., Pune	SE IT
3.	19-05-2023	Webinar on “CI/CD with Docker and Kubernetes”	Veritas Software Technologies, Pune	BE IT
4.	11-06-2023	Seminar on “Higher Education and Career Opportunities”	Study Smart, Pune	BE IT

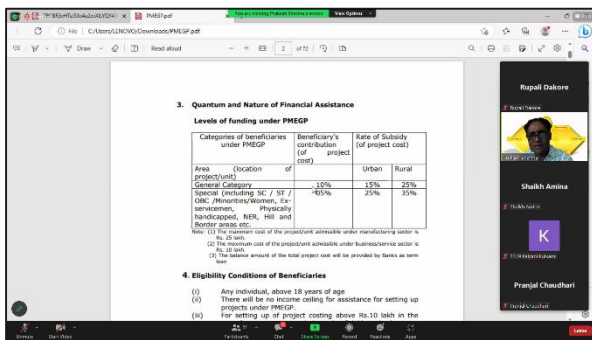
Technical Activities



Industrial Visit of TE IT students at CDAC Innovation Park, Pashan, Pune



Industrial Visit of SE IT students at COEP's Bhau Institute, Pune



Webinar on “How to plan for Start Up” by Mr. Prakash Sharma, Founder, Pcombinator and Passion Infotech, Pune



Seminar on “SMAC Technologies and the Future” by Ajay Deshpande, Senior Director, Icertis, Pune



Seminar on “Industry Requirements for landing a good job” by Mr. Qaidjohar Jawadwala, CEO, QJ Technologies, Pune



Webinar on “Why Python Programming is a Future Skill for Every Learner” by Mr. Parth Shukla, Founder, 9Ledge Pro, Pune

5G: The Wireless Technology of the Future

The fifth generation of wireless technology, or 5G, has the potential to completely change how we connect to the internet. 5G will make it possible to use new apps and services that were previously unachievable because of its quicker speeds, lower latency, and higher capacity. It is the 4G technology's replacement and provides faster speeds, lower latency, and more capacity. With download speeds of up to 20 gigabits per second, 5G networks are anticipated to be up to 100 times faster than 4G networks. As a result, you will be able to stream high-quality videos without any buffering and quickly download entire movies. Smart cities, autonomous vehicles, telemedicine, augmented reality, and other previously unfeasible services and applications will now be viable thanks to 5G technology. In the years to come, we can anticipate a rush of innovation and new opportunities as 5G networks spread around the world.



Advantages of 5G Technology:

The speed of 5G is one of its major advantages. With download speeds of up to 20 gigabits per second, 5G networks are anticipated to be up to 100 times faster than 4G networks. As a result, you will be able to stream high-quality videos without any buffering and quickly download entire movies.

The low latency of 5G is an additional advantage. Data latency is the amount of time it takes for data to move between two points. Another important element in applications like virtual reality and gaming. It is anticipated that 5G would have latency as low as one millisecond, which is essentially undetectable to humans. This implies that there will be nearly no lag while you play games or use virtual reality.

5G promises faster speeds and lower latency in addition to more capacity. As the number of connected devices keeps increasing, 5G networks will be able to support more devices and data than ever before. This implies that you won't experience any slowdowns or interruptions as you add more devices to your network.



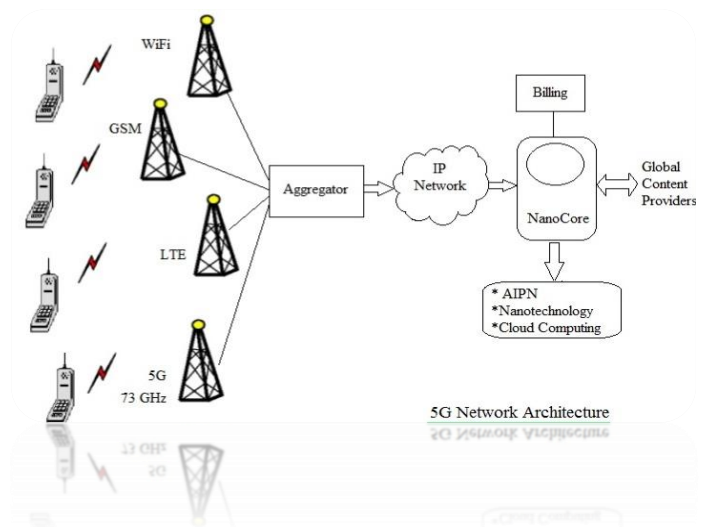
immersive, which will be used in everything from gaming to training to education.

Overall, 5G is expected to revolutionize wireless technology. 5G will make it possible to use new apps and services that were previously unachievable because of its quicker speeds, lower latency, and higher capacity. In the years to come, we can anticipate a rush of innovation and new opportunities as 5G networks spread around the world.

What are some of the services and applications that 5G will make possible?

Just a few instances are shown below:

- Smart cities: By tying everything from traffic lights to public transit to the internet, 5G will help cities become smarter and more efficient. Congestion will be lessened, safety will be increased, and energy will be saved.
- Driverless vehicles: The development of driverless vehicles, which are dependent on quick, dependable internet connections to function safely and effectively, will be impossible without 5G.
- Telemedicine: 5G will make it possible for doctors to diagnose and treat patients remotely, which will be crucial in rural areas with limited access to healthcare.
- Augmented and virtual reality: 5G will make it possible for augmented and virtual reality experiences to be more realistic and



Ms. Kathy Raina
Programming Trainee,
ENOVADATA, India.
(Alumna, Batch 2022)

Achievements

Staff



Prof. K. V. Patil

Prof. K. V. Patil has published a Patent on “The Classification technique for the face spoof detection in artificial neural networks using the concept of machine learning” dated 25/11/2022, (Appln. Id:202221066095).

Prof. K. V. Patil has published a Patent on “The Heart disease prediction using technique of classification in machine learning using the concepts of data mining” dated 30/12/2022, (Appln.Id:202211073508).

Students

Sr. No.	Name of Student	Class	Name of Activity	Recognition/Award	Date	Organized By
1	Trupti Pacharne	TE	National level Intercollegiate GK Test 2023	Second rank with Rs. Rs.4000/- as prize money and Certificate	7 th Jan, 2023	Yashwantrao Mohite College of Arts, Science and Commerce, Erandwane, Pune-38
2	Sejal Pawar	TE	BMC MentoRing Sessions under Lila Poonawalla Foundation Under graduation Scholarship	Certificate and Dell laptop	8 th March, 2023	BMC Software
3	Shraddha Jadhav	TE	BMC MentoRing Sessions under Lila Poonawalla Foundation Under graduation Scholarship	Certificate and Dell laptop	8 th March, 2023	BMC Software
4	Dhanashree Vaidya, Manavi Kamble, Isha Mishra, Prajakta Thorat Project Guide- Prof. N.A. Mulla	BE	Prakalp 2023 (Project Competition and Exhibition)	Third Prize Rs. 2000/- and Certificate	23 rd and 24 th March, 2023	JSPM Group of Institutes Tathawade Campus, Pune.

5	Sakshi Bangar, Garima Gupta, Ishika Gupta, Sakshi Patange Project Guide- Prof. M.A. Rane	BE	NES Innovation Awards 2023	Qualified for 2nd round (Jury round) of NES Innovation Awards 2023 Qualified as one of the top 50 teams	07 th Apr, 2023	GTT Foundation
6	Rupali Dakore, Sakshi Kolte, Pragati Bhakkad, Janhavi Patil Project Guide- Prof. A.D. Khairkar	BE	NES Innovation Awards 2023	Qualified for 2nd round (Jury round) of NES Innovation Awards 2023 Qualified as one of the top 50 teams	07 th Apr, 2023	GTT Foundation
7	Amina Khalid Shaikh	TE	Avinya 2023- Portfolio Building	1 st Prize	27 th and 28 th Apr, 2023	BVCOEW, Pune
8	Mhaske Kirti Dattatray	TE	MaTPO Aptitude Idol Test	Selected for 2nd round (Top 120) out of 35,000 students	29 th Apr, 2023	Maharashtra Association of Training & Placement Officers and DTE, Mumbai
9	Anam Wasim Bagwan	TE	Haktech Event (Hackathon)	1 st Prize	27 th and 28 th Apr, 2023	BVCOEW, Pune
10	Ghanishta Rane, Smiti Chandwadkar, Trupti Pacharne	TE	Avinya 2023-TechTrix (Technical Quiz)	3 rd Prize	27 th and 28 th Apr, 2023	BVCOEW, Pune

Department of Engineering Sciences and Allied Engineering

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

22	Shweta Narayan Gogawale	Leela Poonawalla Foundation Scholarship	40,000
23	Siddhi Anil Bhujal	Leela Poonawalla Foundation Scholarship	55,000
24	Srushti Vyenkat Sawant	Leela Poonawalla Foundation Scholarship	60,000
25	Tanvi Ramesh Patare	Leela Poonawalla Foundation Scholarship	60,000
26	Vaishnavi Balaji Mugale	Leela Poonawalla Foundation Scholarship	60,000
27	Farin Farooq Attar	Leela 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
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 Chandrakant 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

Placements from January 2023 to May 2023

Sr. No.	Name	Company
1	ISHA MISHRA	NTT DATA
2	RUTUJA GHADLE	PERSISTENT
3	ZAMBARE ISHITA PRADIP	PERSISTENT
4	MANJIRI KSHATRIYA	PERSISTENT
5	KSHITIJA NIBE	PERSISTENT
6	MANALI CHAVAN	STRIDELY SOLUTIONS
7	PRIYANKA KORADKAR	STRIDELY SOLUTIONS
8	SAKSHI RAJESH BANGAR	L&T TECHNOLOGY SERVICES
9	ROHINI MARGANE	L&T TECHNOLOGY SERVICES
10	SURAKSHA VILAS DHASKE	L&T TECHNOLOGY SERVICES
11	GRUNTHALI TULASKAR	L&T TECHNOLOGY SERVICES
12	ADITI TAKALKAR	TATA TECHNOLOGIES

Our Esteemed Recruiters



Editorial Board



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Principal, BVCOEW*



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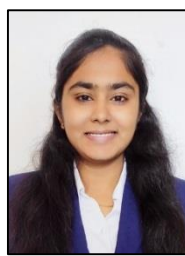
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