



**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 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	628537210F
2	B.E. Computer Engg. (CE)	60	628524510F
3	B.E. Information Technology (IT)	60	628524610F

Post Graduate Programme

Sr. No.	Course	Intake	Course Code
1	M.E. (E & TC-VLSI & Embedded System)	18	628534110F

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 × 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

This year will be remembered by all the human beings around the globe due to the 'COVID-19' pandemic situation. We all have adapted to the new life style and I am very proud to mention that despite of 'COVID-19' situation, we could complete all our academic assignments in online mode of education at its fullest. Rather, we have conducted more number of activities such as Faculty Development Programs (FDPs), Webinars, Training Programs etc.

'Newsletter' is a platform for presenting the summary of various departmental activities conducted during the semester. It is really a proud moment for all of us to present the 3rd volume of 'Newsletter' to all our stakeholders.

I appreciate the efforts taken by Prof. Dr. Deepali Godse, coordinator of 'Newsletter'. I also appreciate the support by all HODs, editorial board members (faculty and students) for carrying out all the activities very well and I wish all the best for future editions. I conclude with the quote by Swami Vivekananda "Be the servant while leading. Be unselfish. Have infinite patience, and success is yours".

From the Desk of Coordinator...



Prof. Dr. D. A. Godse

Newsletter Coordinator

In the academic year 2018-19, Semester 2, we had released the first issue of e-newsletter. At that time, we had decided to release “e-newsletter” to make it a paperless activity with ease of sharing with all stakeholders. Thought of that time has become today’s need. I am very glad to share with you all that in this COVID-19 pandemic situation too, our institute organized a number of online activities along with online conduction of academics. As a coordinator, I am delighted to proudly present the Volume 3, Issue 2, AY 2020-21 of e-newsletter “Blessings...”.

We believe that our institute has always been blessed by the founder of Bharati Vidyapeeth, Hon’ble Dr. Patangraoji Kadam Saheb and will be blessed forever. It’s our great pleasure to share glimpses of various technical activities organized in the institute with our stakeholders. Our alumnae also contribute by sharing an article on recent trend in order to give a detailed insight into the modern era of technology and its advancements. Our basic aim of publishing a newsletter and sharing it with our stakeholders is to improve connectivity between us.

I am very much thankful to the editorial board for their efforts and solidarity in bringing out successfully the semester wise e-newsletter on time. Always remember the quote of Dr. A. P. J. Abdul Kalam, “Man needs difficulties in life because they are necessary to enjoy the success”. Please take great care of yourself and your family members.

Department of Information Technology

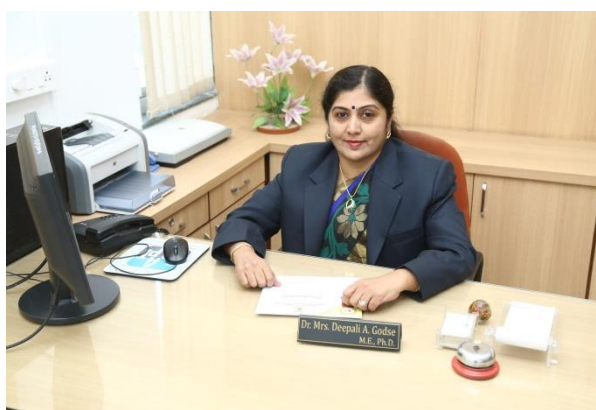
Vision

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.*

HOD's Message



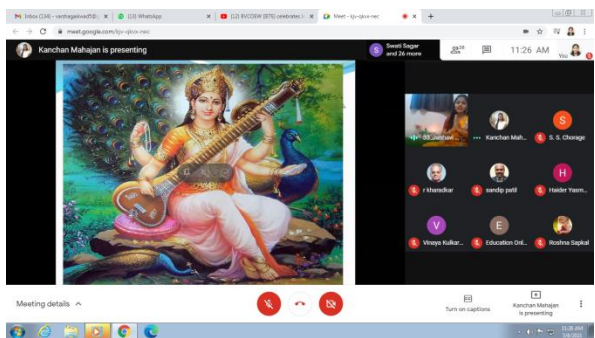
Prof. Dr. D. A. Godse
Head of Information Technology Department

Department of Information Technology (IT) was established in the year 2000-2001 with an intake of 60 students. The department has well equipped laboratories with the state of art software, hardware and qualified, experienced, dedicated team of staff members. With the rapid development of hardware components, communication systems and software, there is a demand for IT engineers. It provides an opportunity to work in the continuously changing technology sector. The department organizes many technical symposiums, industrial visits, seminars, workshops and curricular, co-curricular, extra-curricular activities to make the students self-sustaining in the competitive world. It is a proud moment for us to share with you the brief about the technical activities organized by our institute and our IT department.

In spite of COVID-19 Pandemic situation, our enthusiastic team of staff members conducted number of online events along with online conduction of academics and our students actively and sincerely participated in all the activities. I truly appreciate the entire editorial team for their timely efforts and great cooperation in the complete process of publication of the e-newsletter. We all should believe that challenges are what make life interesting and overcoming them is what makes life meaningful.

“International Women’s Day” Celebration

Bharati Vidyapeeth’s College of Engineering for Women in association with Institution of Electronics and Telecommunication Engineers (IETE), Pune Centre, celebrated International Women’s Day on 8th March, 2021. This day is celebrated to honour the cultural, political, and socioeconomic achievements of women.



Prof. Dr. S. R. Patil, Principal, welcomed the chief guest, Dr. Haider Yasmeen, IETE Chairman, Prof. Dr. R. D. Kharadkar, IETE EC members, staff members and students. He gave his best wishes to all the women participants and elaborated that an occasion like this is to celebrate the great achievements of women and the meaningful contributions they’ve made to the world.

Prof. Dr. S. S. Chorage, IETE EC member, Pune Centre, briefed the function and also introduced the chief guest Dr. Haider Yasmeen who is one of the eminent and distinguished personalities in women empowerment. Dr. Haider Yasmeen explained the different roles of women in personal and professional life. She encouraged the women participants to practice their individual hobbies and give equal importance to it along with routine chores. She also emphasized on the fact that though this day comes as a reminder that while a lot has been achieved, the journey is long and a lot more needs to be done.

The celebration concluded with vote of thanks by Dr. S. L. Kore to all the online viewers (around 400 including IETE members, staff and students). The event was successfully coordinated by Prof. Dr. S. S. Chorage, Dr. S. L. Kore, Mr. A. B. Vitekar and Ms. K. D. Mahajan.

Institute Level Activities

Sr. No.	Date	Activity	Resource Person	Staff Coordinator(s)	Organizing Department/Cell
1.	12-02-2021	Webinar on "Emerging Technologies"	Mr. Likhit & Mr. Goutham, ETHNUS, Bangalore	Prof. S. T. Khot, Mrs. P. D. Kale	Training Cell and Placement Cell
2.	13-03-2021	Webinar on "Career in Defence for Girls"	Ms. Akshita Chauhan & Ms. Shivani Pawar	Mrs. S. B. Dhuttargi	BVCOEW Alumni Association
3.	25-01-2021	Webinar on "Non-Government Scholarship Awareness"	Prof. Swati Jadhav, PCCOE, Pune	Dr. S. P. Kadam	Department of Computer Engineering

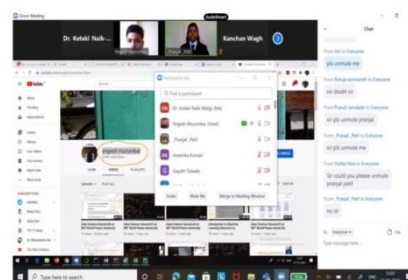
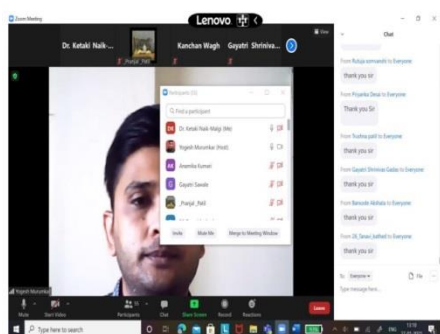
Major Technical Activity

The Department of Information Technology organized one-day online workshop on “Machine Learning with Python” under Memorandum of Understanding between BVCOEW and Bharat Soft Solutions on 27th January 2021, Wednesday. The resource person for the workshop was Mr. Yogesh Murumkar, Director and Corporate Trainer of Bharat Soft Solutions. The workshop was conducted using Zoom meetings online platform for Third year IT students. A total of 68 students have shown their web presence during the event.

The workshop started with the welcome speech and introduction of the resource person by Ms. Pranali Jamdade, Student of Third Year IT. The speaker demonstrated the Pandas, NumPy, Matplotlib commands on the Jupyter notebook. He also explained the implementation of machine learning algorithms using Pycharm and the illustration of machine learning in real-time applications.

The workshop ended with a vote of thanks speech by Ms. Pranjal Patil, Student of Third Year IT. It was very interactive. The students have got satisfactory answers to their questions.

The conduction of this Workshop was a grand success.



Industry-Institute Interaction

Sr. No.	Date	Activity	Industry/ Company	Class
1.	20-01-2021	Webinar on “Technical session on full stack development and data science”	Career Labs For the future of Indian Students	BE IT
2.	12-02-2021	Webinar on “Projects and Placements”	Ethnus, Bangalore	SE IT, TE IT, BE IT
3.	12-03-2021	Webinar on “Data Pre-processing and Visualization using Pandas”	Algorithmic Electronics, Pune.	TE IT
4.	17-03-2021	Webinar on “Developer communities and Hackathon”	CodeAsylums, Bangalore	TE IT
5.	20-03-2021	Webinar on “Python Programming”	QJ Technologies, Pune	SE IT

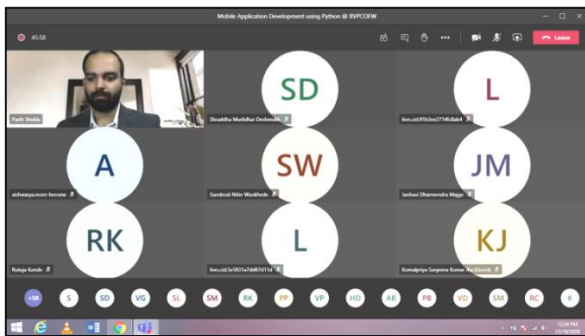
Technical Activities



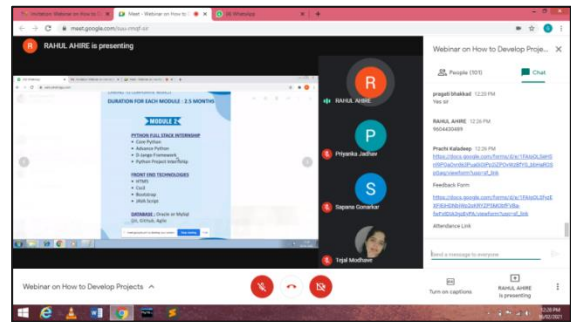
Webinar on “Android Application” by Ms. Kushumita Dutta, PHN Technology Pvt. Ltd. Pune



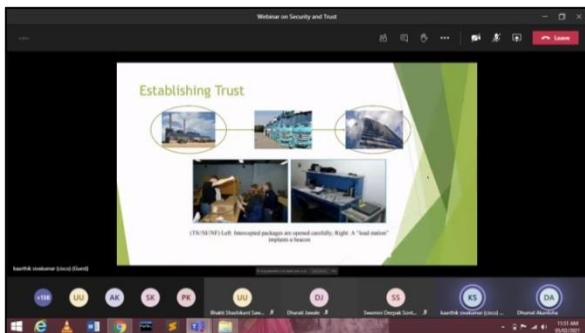
Webinar on “Profile Building and Career Opportunities” by Mr. Abhishek Gupta, Career Expert & Founder Member at Career Labs



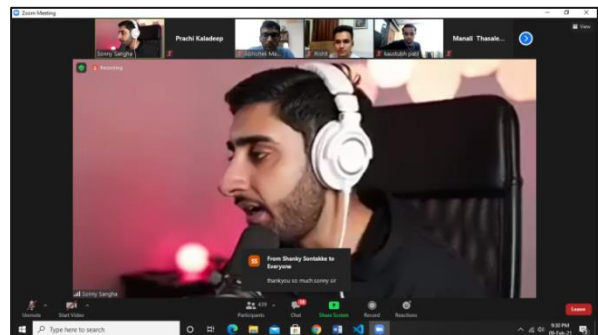
Webinar on “Mobile App Development using Python” by Mr. Parth Shukla, Co-Founder and Corporate Trainer, 9Ledge Pro (Microsoft Authorized Education Partner)



Webinar on “How to Develop Projects” by Mr. Rahul Ahire, Director, Link-Code Technologies



Webinar on “Security and Trust” by Kaarthik Sivakumar, Principal Engineer, Cisco Systems, Bangalore



Workshop on “The Full Stack Developer” by Sonny Sangha, Youtuber/Mentor & CEO of PAPA

Why Learn Python?

You all must have heard about Python gaining popularity, but it is not young by any means. It was released in 1991, and despite of the fact that it has changed considerably over the years, it's still used for the same things. One of the reasons why it has become so popular in recent years — it's a production-based language meant for enterprise and first-class projects, having a rich history. Rather, it can be used for anything, which is why it's considered so versatile. Let's find out why you should prefer Python over other programming languages.

1. Easy to Learn and Use

Python is extremely easy to use and learn for beginners. It's readability allows you to think like a programmer and not waste time on confusing syntax. It emphasizes code readability and allows you to use English keywords instead of punctuations. A clean codebase will help to maintain and update the software without putting in extra time and effort.

2. Many Open Source Frameworks and Libraries

Python helps you to curb software development cost significantly as it is an open-source programming language. With open-source Python frameworks, libraries, and development tools your development time can be saved without increasing development cost.

There are many frameworks and libraries are available in Python, such as:

- Matplotlib for plotting charts and graphs
- SciPy for engineering applications, science, and mathematics
- BeautifulSoup for HTML parsing and XML
- NumPy for scientific computing
- Django for server-side web development

3. Flexible with Major Platforms and Systems

Python is supported by many operating systems. Python interpreters can even be used to run the code on specific platforms and tools. It is an interpreted programming language which allows you to run the same code on multiple platforms without recompilation. Hence, there is no need to recompile the code after making any alteration.

This feature makes it easier to make changes to the code without increasing development time.

4. Big Data, Machine Learning and Cloud Computing

Cloud Computing, Machine Learning, and Big Data are some of the hottest trends in the technological world right now. These trends help a lot of organizations to transform and improve their operations and workflows. Most of the research and development takes place in Python language as it is easy to analyze and organize the usable data. Currently almost all machine learning projects use hundreds of python libraries such as TensorFlow for neural networks and OpenCV for computer vision, etc.

5. Automation

Python helps a lot in the automation of tasks as there are lots of tools and modules available, which makes things much more comfortable. One can reach an advanced level of automation easily just by using the necessary python codes.

Python is one of the favourite programming language of developers. Python is easy to learn, flexible, has object oriented features, clean to code and it finds applications everywhere. That's how versatile it is. Python programming is in high demand for jobs too. It has emerged as the number one programming language in the industry, so you should definitely take advantage of this and learn it whether you are beginner or an experienced programmer. Also, there are plenty of ways on how to learn Python- you can do self-study, enroll yourself in coding classes or school or watch online tutorials. The choice is yours to make!

Contributed by –



Ms. Akshita Chauhan,
Trainee,
L&T Infotech, Pune.

(Alumna, Batch 2019-20)

Achievements

Staff

Ms. M. A. Rane and **Ms. N. A. Mulla** have completed Microsoft Certification and are recognized Microsoft Technology Associate.



Ms. M. A. Rane



Ms. N. A. Mulla

Dr. K. A. Malgi and **Mrs. S. A. Hadke** successfully completed and bagged Elite Certificate for NPTEL FDP on "Python for Data Science" conducted by IITM (Chennai).



Dr. K. A. Malgi



Mrs. S. A. Hadke

Student



Ms. Rishika Sharma

Ms. Rishika Sharma (B.E. I.T.) secured All India Rank 7924 with GATE Score 428 in GATE 2021 (CS/IT).

Ms. Manjiri Kshatriya (S.E. I.T.) bagged 1st Prize in Online Poster Competition organized by K. K. Wagh Institute of Engineering Education & Research, Nashik in January, 2021



Ms. Manjiri Kshatriya



Ms. Pranali Jamdade



Ms. Swamini Sontakke



Ms. Yutika Vora

Ms. Pranali Jamdade, **Ms. Swamini Sontakke** and **Ms. Yutika Vora** from T.E. I.T. completed the NPTEL Online Certification for "Python for Data Science" organized by IITM (Chennai) and bagged Elite Certificate.

Ms. Anuja Bhosale (T.E. I.T.) and **Ms. Divya Varpe** (T.E. I.T) have been offered scholarship of Rs.45,000 each, by Lila Poonawalla Foundation.

Ms. Rutuja Jagtap (B.E. I.T.) and **Ms. Sakshi Berad** (T.E. I.T) have been offered scholarship of Rs.40,000 each, by Lila Poonawalla Foundation.

Ms. Simran D'souza (S.E. I.T.) has been offered Kiran's Scholarship of Rs.40,000 by Persistent Foundation Limited.

Ms. Sneha Shetty (B.E. I.T.) has been offered scholarship of Rs.35,000 by Lila Poonawalla Foundation.



Ms. Anuja Bhosale



Ms. Divya Varpe



Ms. Rutuja Jagtap



Ms. Sakshi Berad



Ms. Simran D'souza



Ms. Sneha Shetty

Students' Achievements
(Department of Engineering Sciences and Allied Engineering)

Sr. No.	Name of Student	Name of Scholarship Received	Amount (Rs.)
1.	Chetana Mahesh Dusane	Lila Poonawalla Foundation Scholarship	60,000/-
2.	Divekar Samrudhhi Vijay	Lila Poonawalla Foundation Scholarship	60,000/-
3.	Jadhav Arpita Sanjay	Lila Poonawalla Foundation Scholarship	60,000/-
4.	Jadhav Shweta Goraksha	Lila Poonawalla Foundation Scholarship	60,000/-
5.	Jagadale Vaishnavi Nitin	Lila Poonawalla Foundation Scholarship	60,000/-
6.	Kshirsagar Shweta C.	Lila Poonawalla Foundation Scholarship	60,000/-
7.	Namrata Jadhav	Lila Poonawalla Foundation Scholarship	60,000/-
8.	Nikita Hemant Bankar	Lila Poonawalla Foundation Scholarship	60,000/-
9.	Potdar Madhura Mahesh	Lila Poonawalla Foundation Scholarship	60,000/-
10.	Puja Ambarnath Bharane	Lila Poonawalla Foundation Scholarship	60,000/-
11.	Sanjivani Nagnath Bulbule	Lila Poonawalla Foundation Scholarship	60,000/-
12.	Sharwari Santosh Bhalerao	Lila Poonawalla Foundation Scholarship	60,000/-
13.	Shivani Shivkant Mugale	Lila Poonawalla Foundation Scholarship	60,000/-
14.	Shweta Shantaram shivale	Lila Poonawalla Foundation Scholarship	60,000/-
15.	Vaishnavi Rakesh Patange	Lila Poonawalla Foundation Scholarship	60,000/-
16.	Vrushali Uday Gaikwad	Lila Poonawalla Foundation Scholarship	60,000/-
17.	Chanchal Prabhakar Bundele	Lila Poonawalla Foundation Scholarship	55,000/-
18.	Pranjal Dipak Suryvanshee	Lila Poonawalla Foundation Scholarship	55,000/-

Contd...

Students' Achievements
(Department of Engineering Sciences and Allied Engineering)

Sr. No.	Name of Student	Name of Scholarship Received	Amount (Rs.)
19.	Rutika Santosh Bhosale	Lila Poonawalla Foundation Scholarship	55,000/-
20.	Rutuja Sunil Chatur	Lila Poonawalla Foundation Scholarship	55,000/-
21.	Tanvi Pramod Mahajan	Lila Poonawalla Foundation Scholarship	55,000/-
22.	Jadhav Shraddha Ramdas	Lila Poonawalla Foundation Scholarship	50,000/-
23.	Sejal Rajendra Pawar	Lila Poonawalla Foundation Scholarship	50,000/-
24.	Anuradha Suresh Pachpute	Lila Poonawalla Foundation Scholarship	45,000/-
25.	Jagtap Sakshi Nitin	Lila Poonawalla Foundation Scholarship	45,000/-
26.	Kirti Dattatray Mhaske	Lila Poonawalla Foundation Scholarship	45,000/-
27.	Pachpute Anuradha Suresh	Lila Poonawalla Foundation Scholarship	45,000/-
28.	Pratiksha Bhise	Lila Poonawalla Foundation Scholarship	45,000/-
29.	Shubhangi Shahisram Divate	Lila Poonawalla Foundation Scholarship	45,000/-
30.	Siddhi Dipak Pasalkar	Lila Poonawalla Foundation Scholarship	45,000/-
31.	Zende Bhagyashri Suhas	Lila Poonawalla Foundation Scholarship	45,000/-
32.	Trupti Ananda Pacharne	Kiran Scholarship, Persistent Foundation	40,000/-
33.	Samita Simon Ganveer	Rolls-Royce Unnati Scholarship	35,000/-
34.	Ahilya Pandurang Bandgar	Lila Poonawalla Foundation Scholarship	17,052/-
35.	Rupanavar Prajakta Tanaji	Lila Poonawalla Foundation Scholarship	17,000/-
36.	Pawar Jyoti Arjun	Lila Poonawalla Foundation Scholarship	16,052/-

Placements during A.Y. 2020-21

S. NO.	NAME OF STUDENT	COMPANY
1	PAYAL TARLEKAR	ACCENTURE
2	PRATIKSHA GHULE	ACCENTURE
3	RUTUJA NIKAM	ACCENTURE
4	RAJASHRI GHATKAR	ADAPTY
5	AKANKSHA DURUGKAR	CAPGEMINI
6	ARATI KHOPADE	CAPGEMINI
7	ISHA KULKARNI	CAPGEMINI
8	MARIA RAASHID	CAPGEMINI
9	MEENAKSHI SINHA	CAPGEMINI
10	POOJA VARGHAT	CAPGEMINI
11	PRATIKSHA GHULE	CAPGEMINI
12	SNEHA SHETTY	CAPGEMINI
13	ANJALI SINGH	CGI
14	GAYATRI RAVTOLE	CGI
15	HARSHADA INGALE	CGI
16	RAJASHRI GHATKAR	CGI
17	RUTUJA KAKDE	CGI
18	RISHIKA SHARMA	EVOSYS
19	PRERANA ZAMRE	GoKloud
20	CHAITALI BAGAL	HEXAWARE TECHNOLOGIES
21	MEENAKSHI SINHA	HEXAWARE TECHNOLOGIES

S. NO.	NAME OF STUDENT	COMPANY
22	CHAITALI BAGAL	INFOSYS
23	HARSHADA INGALE	INFOSYS
24	PRIYANKA SIRSULA	INFOSYS
25	SHRUTI PATIL	INFOSYS
26	SNEHA SHETTY	INFOSYS
27	SHRUTI PATIL	MEDITAB
28	AKANKSHA DHUMAL	MINDSTIX
29	PRIYANKA BODKE	MINDTREE
30	SNEHA SHETTY	MINDTREE
31	ADITI RAINA	SANKEY SOLUTIONS
32	HIMANI JANGALE	TCS
33	MAYURI BHOSALE	TCS
34	ANUSHIKA PANDITA	UBISOFT
35	DHARATI JAWALE	UBISOFT
36	ISHA ADKANE	UBISOFT
37	RUTUJA NIKAM	UBISOFT
38	SHARVARI KADAM	UBISOFT
39	HARSHADA PANHALKAR	VODAFONE
40	MAYURI BHOSALE	VODAFONE
41	RISHIKA SHARMA	VODAFONE
42	MEENAKSHI SINHA	WESTERN UNION

Our Esteemed Recruiters



Editorial Board



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Principal, BVCOEW*



*Prof. Dr. D. A. Godse
Newsletter Coordinator and H.O.D. I.T.*



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Chief Editor(IT)*



*Ms. N. A. Mulla
Editor(IT)*



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F.E. Staff*



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F.E. Staff*



*Maria Raashid
(B.E. I.T.)*



*Vrushali Phatale
(T.E. I.T.)*



*Mandira Rai
(S.E. I.T.)*



*Prerana Zamre
(B.E. I.T.)*



*Sumat Goud
(T.E. I.T.)*



*Sonakshi Shende
(S.E. I.T.)*