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@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	628537250
2	B.E. Computer Engg. (CE)	60	628524550
3	B.E. Information Technology (IT)	60	628524650

Post Graduate Programme

Sr. No.	Course	Intake	Course Code
1	M.E. (E & TC-VLSI & Embedded System)	18	628534150

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

Dear students, parents and all the stakeholders, wish you a very happy, healthy and prosperous new year 2022. 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. I am happy to share with you that, we have received AICTE grants for our three proposals.

'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 4th 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 "The strength of the team is each individual member. The strength of each member is the team".

From the Desk of Coordinator...

Prof. Dr. D. A. Godse

Newsletter Coordinator

As a Coordinator, it's a moment of great pride to present the Volume 4, Issue 1, AY 2020-21 of e-newsletter "Blessings..." in the memory of Hon'ble Saheb. 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.

I am very glad to share with you all that in this COVID-19 pandemic situation too, our institute is successfully organizing a number of online events along with online conduction of academic activities.

It's our great pleasure to share glimpses of various technical activities, skill developments programmes organized in the institute, placements of our students and achievements with our stakeholders. Our alumnae also contribute by sharing an article on recent trends in order to give a detailed insight into the modern era of technology and its advancements. The e-newsletter opens the door to know more about our institute and helps to improve the connect with our stakeholders.

It's a great pleasure to work with a hardworking and enthusiastic Editorial Board. I am very much thankful to the editorial team members, faculty and students who helped in materialising the issue of e-newsletter "Blessings..." for their efforts and solidarity in bringing out successfully the semester wise e-newsletter on time. Always remember the quote of Sudha Murthy, "Doing what you like is freedom, liking what you do is happiness".

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.

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.
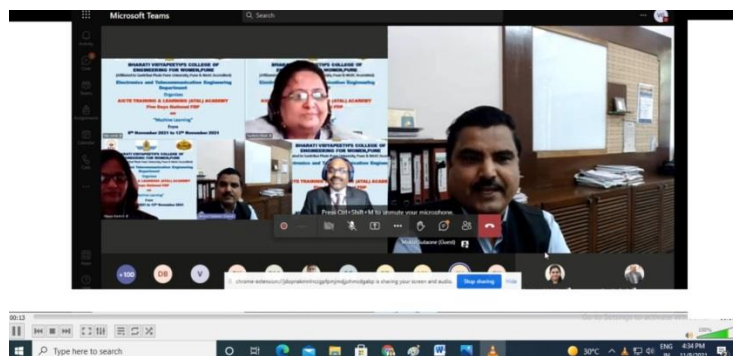
Computer Engineering Department was established in the year 2000 with the objective to impart quality education in Computer Engineering that can equip the budding engineers with right knowledge, and propel them to the path of success in the country and abroad. The long-term goal of the department is 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. Students are encouraged to refer IEEE journals for selecting project topic and to publish papers based on their project topic, in reputed journals. The department encourages students to register for NPTEL Courses in order to enhance knowledge and meet industrial requirements. In addition, faculty of department are conducting workshop like "AWS certification" for introducing students to new technology.

The department has prepared all infrastructure needed for e-learning in this pandemic situation of COVID 19. I would like to give sincere thanks to all my colleagues for their consistent efforts in delivering quality education to students.

Five Days National Level FDP on "Machine Learning"

In the present days, machine learning has found its application into various disciplines of engineering and technology. Considering the need of an hour, the department of Electronics and Telecommunication of Bharati Vidyapeeth's College of Engineering for Women organized AICTE Training & Learning (ATAL) Academy, Five day's National level Faculty Development Program (FDP) on "Machine learning" from 8th to 12th November, 2021 on Microsoft Teams platform. 200 participants from various institutes approved by AICTE & affiliated to various universities across India participated in this FDP.

On 8th November, 2021, the FDP started with the inauguration function. Prof. S.T. Khot welcomed the chief guest Dr. Mukul S. Sutaone, Deputy Director, COEP, Pune. The program started with Sharada Stavan & online deep prajwalan. Prof. Dr. V. R. Pawar gave the detailing of FDP. Principal Prof. Dr. S. R. Patil vocalized his thoughts that Machine Learning has gained a rapidly expanding foothold in the workplace, faster than many technologies ever. He also gave a brief introduction of Bharati Vidyapeeth to the Chief Guest, all resource persons & participants. The Chief Guest, Dr. Mukul S.

Sutaone gave the keynote address. He stated that learning is based on knowledge & experience. He encouraged the participants to take advantage of this FDP. Towards the end of Inaugural function, Prof. Dr. V. R. Pawar delivered the vote of thanks.

The sessions were conducted by eminent and renowned speakers from the academia and industry. Prof. Dr. Sachin Gengaje, Professor and Head, Elex Dept. WIT Solapur, conducted sessions on "Machine Learning Overview" and "Artificial Neural Network". Prof. Dr. Mousami V. Munot, Associate Professor, E&TC Dept., PICT, Pune conducted the session on "Pattern Classification Using SVM". Dr. Yogesh Dandwate, Professor, E&TC Dept., VIIT, Pune guided the participants on the topics "Deep Neural Network Overview" and "Deep Learning and it's Applications". Dr. Bhushan Garware, Data Scientist, Persistent Systems Ltd., Pune gave excellent coverage from the Introduction to Machine Learning, Regression Analysis, Different Classification Techniques, to the best practices in the Machine Learning. Dr. Amol Patil, Bharati Ayurved Hospital, Pune conducted "Yoga and Meditation" sessions during this FDP.

The valedictory function was held on the last day of FDP in the presence of Chief Guest Dr. Bhushan Garware, Data Scientist, Persistent Systems Ltd., Pune. Prof. K. D. Mahajan welcomed all the dignitaries and participants for this

valedictory function. Overview of the FDP was given by Prof. Dr. V.R. Pawar. Prof. Dr. S.S. Chorage gave brief instructions regarding final test and certification. Prof. Dr. S.R. Patil, Principal and Coordinator of the FDP, congratulated all the teaching and non-teaching staff members for successful conduction of the FDP. The chief guest Dr. Bhushan Garware expressed his view regarding online conduction of the FDP and enthusiastic participation of all participants. During the function some participants gave their feedback regarding well organized FDP and different informative sessions. The function concluded with the vote of thanks delivered by Prof. S. T. Khot.

Institute Level Activities

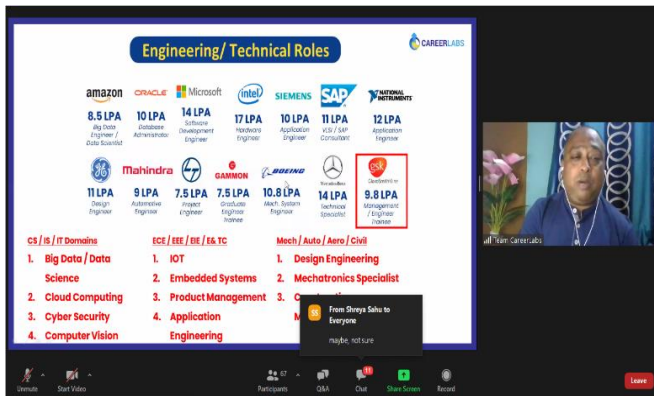| Sr. No.	Date	Activity	Resource Person	Staff Coordinator(s)	Organizing Cell/ Department
1	12-08-2021	Webinar on "Your Study Abroad Journey"	Mr. Omkar Kargar, IDP Education Pvt. Ltd., Pune	Mrs. V.D. Kulkarni	Career Guidance Cell
2	14-08-2021	Webinar on "Benefits and Career Opportunities with GATE "	Mr. Akash Pushkar, The GATE Academy, Pune	Ms. V. S. Karambelkar	E&TC Department
3	22-08-2021	Online Chess Competition	Mr. Sohail Shaikh, Kalyan, Bhiwandi	Dr. G.G. Patil	Gymkhana
4	06-09-2021	Teacher's Day Celebration	Prof. P. R. Sonawane, Army Institute of Technology, Pune	Prof. D. D. Pukale Ms. K. S. Warke	Computer Engg. Department
5	17-09-2021	Webinar on "How to Prepare for Campus Interviews"	Cimy Thomas, Trainer, FACE, Tamil Nadu	Mrs. P. R. Yawle, Ms. V. V. Gaikwad	Placement Cell
6	28-09-2021	Webinar on "How to Plan for Start-up and Legal & Ethical Steps"	Prof. Makarand Velankar, MKSSS's Cummins COE for Women, Pune.	Ms. A. D. Khairkar	Institution's Innovation Cell
7	08-10-2021	International Webinar on, "A Journey of an Entrepreneur : Local to Global "	Mr. Amit Savargaonkar, Co-founder Glasban Limited, Ireland	Mr. R. M. Shamalik	E&TC Department
8	09-10-2021	Webinar on "Fitness and Well-being for Young Generation"	Dr. Kavita Kholgade, Managing Director, Kavita Sports and Fitness, Nashik	Dr. G.G. Patil	Gymkhana
9	20-10-2021	Webinar on "Developing Skill to Grab Career Opportunities"	Prof. Swati More, Central Head (T&P), Modern COE, Pune.	Mrs. P.D. Kale, Ms. V. V. Gaikwad	Placement Cell
10	20-10-2021	Webinar on "Recent Trends in Campus Placements and Expectation from Fresher"	Prof. Prasad Muley, Director, Corporate Relations- T&P, Shivajirao Kadam Institute of Technology & Management Indore	Mrs. P.D. Kale, Ms. S. A. Pawar	Placement Cell
11	21-10-2021	Webinar on "Impact of Social Media on Internships and Placements"	Prof. Sudarshan Sutar, TPO, D. Y. Patil group of Institutes, Kolhapur	Mrs. P.D. Kale, Ms. S. A. Sagar	Placement Cell
12	21-10-2021	Webinar on "Creating Competitive Culture for Better Placement"	Mr. Manoj Khaladkar, T&P, Army Institute of Technology, Pune	Mrs. P.D. Kale, Ms. S. A. Pawar	Placement Cell
13	22-10-2021	Webinar on "Effective use of Different Platforms for Up-skilling and Job Opportunities"	Prof. Sandip Magdum, Head (T&P), Army Institute of Technology, Pune	Mrs. P.D. Kale, Mrs. P. R. Yawle	Placement Cell
14	22-10-2021	Webinar on "Resume Writing Skills"	Prof. Dheeraj Agarwal, Dean, Industry Institute Interaction and T&P Officer, Dr.D.Y.Patil IOT, Pimpri, Pune	Mrs. P.D. Kale, Mrs. P. R. Yawle	Placement Cell
15	29-10-2021	Webinar on "Framework for Technology Driven Social Innovation"	Prof. Dr. Sunita Dhotre, Associate Professor, BVDUCOE, Pune	Ms. A. D. Khairkar	Institution's Innovation Cell

Major Technical Activity

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 with AWS training partnership conducted these workshops. The details are as follows -

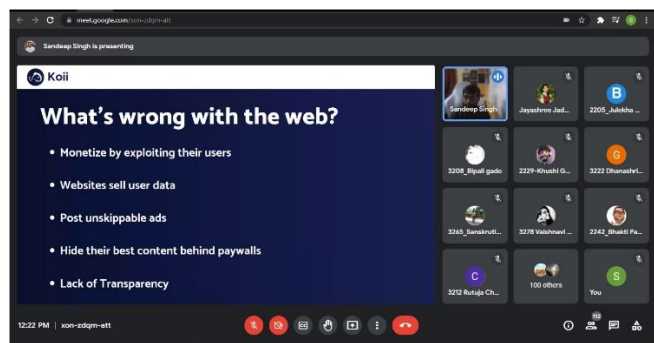| Sr. No	Name of Course	Duration	Total No. of Students Involved	Class
1	Machine Learning	23/06/2021 to 23/12/2021	38	BE
2	Machine Learning	28/09/2021 to 28/03/2022	79	BE
3	Introduction to Cloud	06/09/2021 to 06/03/2022	9	TE
4	Engineering Operations Technician	27/11/2021 to 27/05/2022	1	BE

Industry-Institute Interaction

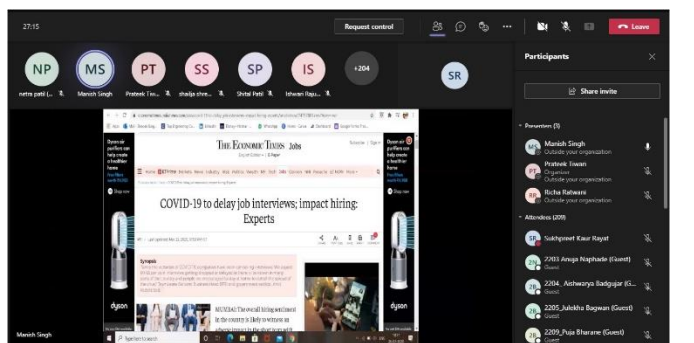| Sr. No.	Date	Activity	Industry/Company	Class
1.	18/08/2021	Webinar on Profile Building and Career Opportunities	Mr. Satish Anand, Mr. Bhupendra Singh, Life skills trainer and content Developer, CareerLabs.	TE
2.	24/08/2021 to 25/08/2021	Workshop on Data structures and algorithms	Mr. Swapnil Gupta, Mr. Shantanu Shubham, Coding Ninjas.	TE & BE
3.	16/09/2021	Webinar on blockchain	Mr. Sandeep Singh, Koii	SE & TE
4.	22/09/2021	Webinar on Machine Learning	Mr. Manish Kumar Singh, Head Institutional Sales, ATS learning solutions.	SE & TE
5.	30/09/2021	Webinar on Internship for developing a portfolio	Mr. Sachin Mohite, Executive Director, SPACE for ECE.	TE
6.	25/11/2021.	Webinar on Speak English Confidently	Mrs. Kirti Bajaj, Soft Skills Trainer and Spoken English Coach in Flamingo Learnings.	SE

Webinar on Profile Building and Career Opportunities conducted by Mr. Satish Anand content Developer, CareerLabs.
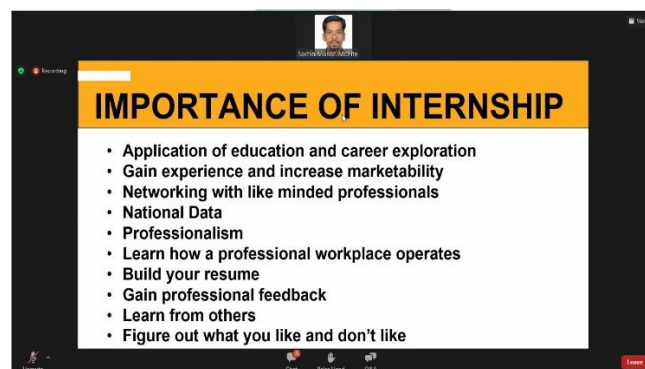

Two Days Workshop on Data structures and algorithms conducted by Mr. Swapnil Gupta and Mr. Shantanu Shubham, Coding Ninjas.
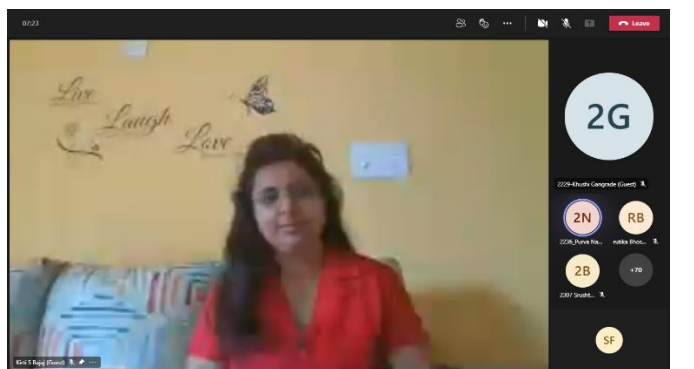

Webinar on blockchain conducted by Mr. Sandeep Singh, Koii.

Webinar on Machine Learning conducted by Mr. Manish kumar Singh, Head institutional Sales, ATS learning solutions.

Webinar on Internship for developing a portfolio conducted by Mr. Sachin Mohite, Executive Director, SPACE for ECE.

Webinar on Speak English Confidently conducted by Mrs. Kirti S Bajaj, soft skills trainer, Flamingo learnings.

5G Technology

The 5th generation technology—5G—promises to start a revolution that goes far beyond faster browsing and excellence. An upgraded technology offers transformative potential for every industry. Understanding the potential of 5G is the first step to unlocking it.

A new generation of mobile network technology stands ready to go further than its predecessors could have dreamed. What does 5G mean? Simply put, 5G is short for "5th generation". One may also see the standard called 5G-NR (the NR stands for "new radio"). 1G, 2G, 3G, and 4G all led to 5G, which is designed to provide more connectivity than was ever available before. 5G is a unified, more capable air interface. It has been designed with an extended capacity to enable next-generation user experiences, empower new deployment models, and deliver new services. This upgraded mobile network uses a combination of frequencies from multiple bands to maximize throughput. In addition to traditional macro cell towers, 5G will also use a large number of much smaller micro cells for new millimeter wave spectrum bands to create a blanket of ultrahigh-speed network coverage.

The transformative power of 5G will touch nearly every industry. Compelling 5G use cases have already been identified in the healthcare, agriculture, retail, transportation, logistics, and manufacturing industries, among others. As researchers say, with the wide range of bandwidth radio channels, it can support the speed up to 10 Gbps, the 5G Wi-Fi technology will offer contiguous and consistent coverage − "wider area mobility in true sense."

Ms. Shweta Sanjay Chindhe
BE Comp (Alumna, Batch 2020-21)
Software Engineer (Persistent Systems)

FACULTY ACHIEVEMENTS

Prof. Dr. A. M. Pawar

HoD (Engg. Sciences and Allied Engg.)

Prof. Dr. A. M. Pawar contributed as:

➢ A Session Chair for the 9th National Conference on Recent Developments in Mechanical Engineering [RDME 2021] on 18th August, 2021 in M.E.S. College of Engineering, Pune, Virtual in Association with AIP Publisher, USA.

➢ A Reviewer & Session chair for the AICTE Sponsored International E-Conference on Mechanical and Material Science Engineering: Innovation and Research (ICMMSE:IR 2021) organized by Department of Mechanical Engineering, Sandip Institute of Technology & Research Centre, Nashik on 17th & 18th September, 2021.

STUDENTS ACHIEVEMENTS

Sr. No.	Name of Student	Class	Achievement
1	Sukhpreet Kaur Rayat	TE	Successfully Completed certification of Microsoft Azure 900
2	Unnati Jadhav		
3	Bhakti Devre	BE	Successfully Completed certification of Microsoft Azure 900
			Successfully Completed certification of Microsoft Azure AI 900
			Successfully Completed certification of Microsoft Azure Data Fundamentals 900
			Successfully Completed certification of Microsoft Azure Power Platform Fundamentals 900

Esteemed Recruiters

Placements from June 2021 to Dec 2021

SR.NO.	NAME OF STUDENT	COMPANY
1.	AKANKSHA PRAKASH KADAM	PERSISTENT
2.	ANUSHKA URUNKAR	PERSISTENT
3.	BARBATE SHIVANI VISHWAJIT	VODAFONE
4.	BHANDARI MALLESHWARI	PERSISTENT
5.	BHANDARI MALLESHWARI	STANDARD CHARTERED GBS (Global Business Services)
6.	BHUMIKA TRIVEDI	PERSISTENT
7.	BHUMIKA TRIVEDI	AMAZON
8.	DASARE VAISHNAVI SURYAKANT	ACCENTURE
9.	DEVYANI VILAS THERE	PERSISTENT
10.	DHIRVA DILIP MAKADIA	PERSISTENT
11.	DHIRVA DILIP MAKADIA	TCS
12.	DHIRVA DILIP MAKADIA	WIPRO
13.	DIPALI RAJENDRA SALUNKE	ZENSAR
14.	DIPALI RAJENDRA SALUNKE	VIRTUSA
15.	DISHA VIJAY MHASKE	PERSISTENT
16.	GEETA VIJAY THORAT	PERSISTENT
17.	HARSHADA ANKAM	PERSISTENT
18.	JAGTAP RUTUJA VIJAY	CAPGEMINI
19.	JAGTAP RUTUJA VIJAY	WIPRO
20.	JAHNAVI SHARMA	CAPGEMINI
21.	KAWALE PRATIKSHA GOVARDHAN	PERSISTENT
22.	MADHAVI KISAN GAIKWAD	ACCENTURE
23.	MADHAVI KISAN GAIKWAD	CAPGEMINI
24.	MADHAVI KISAN GAIKWAD	WIPRO
25.	MANDAVE AISHWARYA ANANDRAO	ACCENTURE
26.	MRUNAL GHODKE	ACCENTURE
27.	NIKITA NITIN BARVE	ACCENTURE
28.	NIKITA NITIN BARVE	WIPRO
29.	NIKITA NITIN BARVE	STANDARD CHARTERED GBS (Global Business Services)
30.	PALAK MALIK	CAPGEMINI

31.	PRACHI SHANKAR DESAI	CAPGEMINI
32.	PRACHI SHANKAR DESAI	WIPRO
33.	PRACHI SOMNATH TODKARI	TCS
34.	PRACHI SOMNATH TODKARI	CAPGEMINI
35.	PRANJALI PRAVIN PAWAR	CAPGEMINI
36.	PRANJALI PRAVIN PAWAR	ELNFOCHIPS
37.	PRANJALI PRAVIN PAWAR	ZENSAR
38.	PRANJALI PRAVIN PAWAR	TCS
39.	PRANJALI PRAVIN PAWAR	WIPRO
40.	PRANJALI PRAVIN PAWAR	VIRTUSA
41.	PRANOTI PRASHANT WAKODKAR	MINDSTIX
42.	PRATIKSHA VINAYAK SUTAR	WIPRO
43.	PRATIKSHA VINAYAK SUTAR	TCS
44.	RATNAPARKHI ARATI ANANT	ZENSAR
45.	RATNAPARKHI ARATI ANANT	VODAFONE
46.	RENU CHANDRASHEKHAR KANTHI	PRINCIPAL GLOBAL SERVICES
47.	RENU CHANDRASHEKHAR KANTHI	IBM
48.	RENU CHANDRASHEKHAR KANTHI	ACCENTURE
49.	RITIKA RAI	CAPGEMINI
50.	RITIKA RAI	STANDARD CHARTERED GBS (Global Business Services)
51.	RITIKA RAI	TCS
52.	RITIKA RAI	APISERO
53.	RIYA VILAS SATAM	CAPGEMINI
54.	RIYA VILAS SATAM	WIPRO
55.	ROSHNI PATIL	ACCENTURE
56.	ROSHNI PATIL	WIPRO
57.	SAKSHI MOGARKAR	CAPGEMINI
58.	SAKSHI SHIVDAS SHEDGE	EURONET
59.	SAKSHI SUBHASH PATEL	STANDARD CHARTERED GBS (Global Business Services)
60.	SHIVANI NITIN PAYGUDE	ACCENTURE
61.	SHRADDHA MISHRA	PERSISTENT

62.	SHREYA SWAPNIL JAMSANDEKAR	PERSISTENT
63.	SHREYA SWAPNIL JAMSANDEKAR	WIPRO
64.	SHREYA SWAPNIL JAMSANDEKAR	ZENSAR
65.	SHREYA SWAPNIL JAMSANDEKAR	VIRTUSA
66.	SNEHAL MACHHINDRA LONDHE	ZENSAR
67.	SONAL SANTOSH KALE	TCS
68.	SONAL SANTOSH KALE	WIPRO
69.	SRUSHTI ASHOK JADHAV	CAPGEMINI
70.	SRUSHTI ASHOK JADHAV	WIPRO
71.	SRUSHTI ASHOK JADHAV	TCS
72.	SRUSHTI PRAVIN SHITOLE	ACCENTURE
73.	SRUSHTI SHEKHAR PAWAR	PERSISTENT
74.	SUSHMITA ANIL KULKARNI	TCS
75.	SWARADA JALUKAR	PERSISTENT
76.	TAMASA SARKAR	PERSISTENT
77.	TAMASA SARKAR	AMAZON
78.	TANUSHREE PRABHAKAR KOHAD	CAPGEMINI
79.	TANUSHREE PRABHAKAR KOHAD	TCS
80.	THORAVE PRADNYA KISHOR	VIRTUSA
81.	VISHAKHA MANOHAR PATIL	ACCENTURE
82.	VISHAKHA MANOHAR PATIL	CAPGEMINI
83.	VISHAKHA MANOHAR PATIL	TCS
84.	VISHAKHA MANOHAR PATIL	WIPRO
85.	VISHWAJEETA AVINASH GHOLAP	PERSISTENT
86.	YASHIKA PARESH PALAN	CAPGEMINI
87.	YASHIKA PARESH PALAN	TCS
88.	POONAM DIGAMBAR DEDE	ZENSAR
89.	PRACHI SHANKAR DESAI	ACCENTURE

Editorial Board