

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. Kadam Saheb established Bharatí Vídyapeeth's College of Patangraoji 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

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

Undergraduate Programme

Post Graduate Programme

Sr. N	lo.	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: <u>https://www.facebook.com/Bharati-Vidyapeeth-College-of-Engineering-for-</u>

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 Electronics and Telecommunication Engineering

Vision

To develop women professionals to become a valuable resource for industry and society through E&TC Engineering.

Mission

- To provide quality and value based education for women in the field of E&TC Engineering.
- To train women to keep pace with rapidly changing technological needs of industry and research.



HOD's Message

Prof. Dr. S. R. Patil

Head of Electronics and Telecommunication Engineering Department

I am writing this message for this Newsletter with immense pleasure and pride. My best wishes to the team of faculty and students who took limitless efforts and solidarity on this newsletter.

Electronics and Telecommunication Engineering Department was established in the year 2000 with the intake of 60 students. With the increase in intake of 60 in 2006-07 for UG and a new PG course of intake 18 in 2013-14, our department is foremost and continuously getting upgraded. Department has highly qualified faculty. The department is fully equipped with the latest hardware equipments such as such as VNA, Satellite Trainer kit, Spectrum Analyzer, Virtex-5Kits etc. and software tools like MATLAB, Xilinx, and LABVIEW etc. There is also a well-planned infrastructure to satisfy the requirements of educational environment in this pandemic situation of COVID 19.

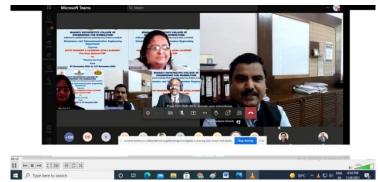
The Newsletter team indeed deserves my admiration for their ultramodern idea of electronic newsletter which is indeed eco-friendly concept and will also benefit the stakeholders of this Institute. With this brief review, I welcome you all to be the part of our exemplary newsletter. I would like to conclude my message with the quote of Mr. Ratan Tata "If you walk fast, walk alone. But if you want to walk far, walk together".



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. 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, 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. Ms. K. D. Mahajan welcomed all the dignitaries and participants for this



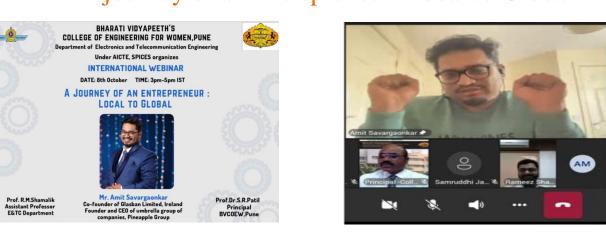
valedictory function. Overview of the FDP was given by Dr. V.R. Pawar. Prof. Dr. S.S. Chorage gave brief instructions regarding final test and certification. Prof. Dr. S.R. Patil, Principal and Coordinator of the FDP, congratulated all the teaching and nonteaching staff members for successful conduction 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.

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Institute Level Activities

Sr. Date No.		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	

Webinar on



A journey of an Entrepreneur: Local to Global

An international webinar on "A journey of an entrepreneur: Local to Global" was organized by the Students' Association for third and final year students. The webinar was organized under AICTE SPICES grant on 8thOctober 2021. The speaker of the webinar was Mr. Amit Savargaonkar, Co-founder of Glasban limited-Ireland and founder and CEO of Umbrella group of companies called Pineapple Group. Principal, Prof. Dr. S. R. Patil briefed the importance of entrepreneurship and appealed the students to develop entrepreneur skill during graduation and give a serious thought on becoming as entrepreneur

The guest speaker explained about his whole journey in entrepreneurship. Starting from the college days, job and his passion about doing something out of the box, he told us how his journey as an entrepreneur began. The speaker made us aware about the different phases in an entrepreneur's journey and what mistakes he made that affected his startup. He elaborated the number of challenges required to make setup and also discussed on the points to be considered for main failure, what are different ethics to be followed while planning start up. Some of the challenges the speaker faced by the speaker during his journey were marketing and sales of the product, funding and investment, product design, etc.

Mr. Amit Savargaonkar also gave a view of the entrepreneur's journey, starting from a local startup and expanding it to a global level through his own story and experience. The webinar was very informative and was be very inspiring for students to establish startups and become job givers instead of job seekers. The webinar ended with vote of thanks presented by Mr. R.M.Shamalik.



Technical Activities



TE,BE : Webinar on "Your study abroad Journey" by Mr. Omkar Kargar(IDP education)on 12th August 2021.



SE : Webinar on "Fitness and well-being for young generation" by Dr. Kavita Kholgade (Kavita Sports and Fitness, Nashik)on 9th October 2021.

Sr. No.	Date	Activity	Resource Person	Industry/ Company	Class
1	17-07-21	Training Demo session on Apti, soft skill	Mr. Nachiket Joshi	Joshi and Company	BE
2	21-07-21	Training Demo session on Python programming and database	Mr. Niraj Ade	Profound Edutech	BE
3	22-07-21	Training Demo session on Apti, soft skill and technical	Mr. Devraj Shinde	Ethnus Technologies	BE
4	06-09-21	Teacher's Day celebration	Prof. P. R. Sonawane	AIT, Pune	SE,TE,BE
5	28-09-21	Webinar on "How to Plan for Start-up and Legal & Ethical Steps"	Prof. Makarand Velankar	MKSSS's Cummins COEW, Pune.	SE,TE,BE
6	09-10-21	Webinar on "Fitness and well-being for young generation"	Dr. Kavita Kholgade	Managing Director. Kavita Sports and Fitness, Nashik	SE





Distributed Ledger Technology (DLT)

It is more commonly known as the blockchain technology and was introduced by Bitcoin. It's a protocol that enables the secure functioning of a decentralized digital database. Distributed networks eliminate the need for a central authority to keep a check against manipulation.

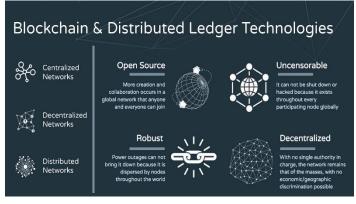
DLT allows for storage of all information in a secure and accurate manner using cryptography. The same can be accessed using "keys" and cryptographic

signatures. Once the information is stored, it becomes an immutable database and is governed by the rules of the network.

The very nature of a decentralized ledger makes them immune to a cyber-crime, as all the copies stored across the network need to be attacked at the same time for the attack to be successful. Additionally, the simultaneous (peer-to-peer) sharing and updating of records make the whole process much faster, more effective, and cheaper.

Properties of Digital Ledger Technology (DLT)





DLT has great potential to revolutionize the way governments, institutions. and corporation work. It can help governments with tax collection, the issuance of passports, recording land registries and licenses, and the outlay of Social Security benefits as well as voting procedures. The technology is making waves in industries such as finance, music and entertainment, diamond and other precious assets, art, supply chains of various commodities, and more.



Ms. Shruti Patil (2021 Batch Alumna) Associate System Engineer Tata Consultancy Services (TCS)

Achievements

Staff Achievements:



Prof. Dr. S. R. Patil

"Set New tradition of AICTE Grant"

Received AICTE SPICES grant of Rs. 1 Lac under student development program in March 2020.

Received grant of Rs. 93K for online FDP on Machine learning from AICTE ATAL in June 2020.

Principal Investigator for Project "Up gradation of Communication Lab using Higher End Vector Network Analyser for research activities" which is sanctioned under AICTE MODROB (Aspirational Institutes) variant in October 2021 with proposal amount of 19 Lakhs.



Prof. S. T. Khot

Co-coordinator for online FDP on Machine learning from AICTE ATAL in June 2020.



Prof. Dr. S. S. Chorage

NPTEL online Certification course on subject "Management Information System" passed with Elite certification and Silver Medal.



Dr. V. R. Pawar

Received AICTE SPICES grant of Rs. 1 Lac under student development program in March 2020.

Co-coordinator for online FDP on Machine learning from AICTE ATAL in June 2020.

Best paper award for the paper entitled "Emotion Linked AioT based cognitive Home Automation System with sensovisual method" presented in 4th IEEE Pune Section International Conference on innovation in Engineering, Design and Holistic Education organised by MIT-ADT University.

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As a Research coordinator being instrumental in fetching AICTE Grant





Ms. K. R. Chaudhari

Best paper award for the paper entitled "Automoatin Nuchal Translucency Detection" Using CAD-LNET, Presented in 4th International Conference on Ideas, Innovations, Impact in Science and Technology on 17 June 2021.



Mr. S. M. Bhilegaonkar

Co-Investigator for Project "Up gradation of Communication Lab using Higher End Vector Network Analyser for research activities" which is sanctioned under MODROB (Aspirational Institutes) variant in October 2021 with proposal amount of 19 Lakhs.



Mr. R. M. Shamalik

Best paper (Gold) award for the paper entitled "Hand Gesture recognition system" Presented in National Conference on Next Generation Intelligence in Electronics and Communication Engineering (NGIEC) through Digital Plat from on 8-9 July 2021.



Prof. Dr. A. M. Pawar

HoD (Engg. Sciences and Allied Engg.)

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.

Student Achievements:

Ms. Neha Kadam, Ms. Priyanka Kalambarkar, Ms. Shilpa Joshi under the guidance of Mr. R. M. Shamalik received Best paper (Gold) award for the paper entitled "Hand Gesture recognition system" presented in National Conference on Next Generation Intelligence in Electronics and Communication Engineering(NGIEC) through Digital Platform on 8-9 July 2021.



Our Esteemed Recruiters



Placements from June 2021 to December 2021

Sr. No.	Name of the Student	Company	Sr. No.	Name of the Student	Company
1	PRIYANKA TRIPATHI	CAPGEMINI	15	ANUJA SHINDE	CAPGEMINI
2	SAMIKSHA BARBHAI	Emphasis	16	PURVA MAHADIK	CONCENTRIX
3	DIVYA BHARTI	INFOSYS	17	DISHA SURVE	Mphasis
4	SURABHI DAS	INFOSYS	18	MAYURI DESHMUKH	WNS
5	VAISHNAVI CHORGE	INFOSYS	19	NARAGUDE SANJIVANI	WNS
6	ANITA KUMARI	ACCENTURE	20	KHUSHBOO GUPTA	TCS
7	RIYA RAHANGDALE	ACCENTURE	21	PRANITA DHARMADHIKARI	VERTIV ENERGY
8	PRIYANKA SHIKDAR	ACCENTURE	22	KHUSHBOO GUPTA	NAGARRO SOFTWARE
9	WAKCHAURE RUTUJA	ACCENTURE	23	MADHU MADAN MULE	COGNIZANT
10	PRIYANKA BERA	ACCENTURE	24	SUJATA KUMARI	COGNIZANT
11	SURABHI DAS	IBM	25	DISHA SURVE	COGNIZANT
12	SUJATA KUMARI	CAPGEMINI	26	VAISHNAVI CHORGE	COGNIZANT
13	MENKA RATHOD	INFRATECH	27	SHWETA CHOPADE	COGNIZANT
14	RUCHA VARUDKAR	ACCENTURE	28	PRIYANKA BERA	COGNIZANT



Sr. No.	Name of the Student	Company	Sr. No.	Name of the Student	Company
29	NEHA GURAV	CAPGEMINI	52	VARSHA SAINDANE	VODAFONE
30	REENA KUMARI MEENA	TCS	53	PRAJAKTA MAHALE	CAPGEMINI
31	MADHU MADAN MULE	WIPRO	54	NIKITA SHARMA	CAPGEMINI
32	MARIYAM KHAN	MINDTREE	55	AKANKSHA HAJARE	LOBO SOLUCTION
33	MRUNALI ASHOK DEOGADE	Mphasis	56	AKANKSHA INDRAJIT HAJARE	TEAMLEASE SERVIESE LIMITED
34	MAYURI VINOD KHADKE	INFOSYS	57	VARSHA HIRAMAN SAINDANE	WIPRO
35	DNYANESHVARI VEDPATHAK	LTI	58	SAYALI VISHWAS PASALKAR	COGNIZENT
36	MARIYAM KHAN	ATOS GLOBAL	59	PRATIKSHA YELGUNDE	COGNIZENT
37	SALONI VEER	ACCENTURE	60	KIRAN MUNDE	AMAZON
38	PALLAVI HEMANT SALUNKHE	ACCENTURE	61	AISHWARYA NAGARE	Mphasis
39	SHWETA CHOPADE	ACCENTURE	62	VARSHA HIRAMAN SAINDANE	ACCENTURE
40	SARA TARE	ACCENTURE	63	PRIYANSHI SINHA	PERSISTENT
41	SHWETA CHOPADE	INFOSYS	64	VISHAKHA WAGHMARE	PERSISTENT
42	PRANOTI YADAV	WIPRO	65	KOMAL SINGH	PERSISTENT
43	SAMIKSHA BARBHAI	INFOSYS	66	MADHURA MIRIKAR	PERSISTENT
44	JOSHI SHILPA VIJAY	AMDOCS	67	AISHWARYA MOKASHI	PERSISTENT
45	PURVA MAHADIK	AMDOCS	68	ANUSUIYA PARIHAR	IBM
46	MARIYAM KHAN	ATOS SYNTEL	69	VEDANTI CHINCHMALTPURE	ACCENTURE
47	MARIYAM KHAN	AMDOCS	70	SHRUTIKA SANJAY BHUJBAL	ACCENTURE
48	MARIYAM KHAN	HINDUJA GROUP	71	SUJATA JADHAV	ACCENTURE
49	SUJATA LODHA	VODAFONE	72	AYUSHI SAVALDEKAR	ACCENTURE
50	UTKARSHA UMBARE	VODAFONE	73	SHWETA PATIL	ACCENTURE
51	POONAM PATIL	CAPGEMINI	74	DEEPIKA BHUKELE	ACCENTURE





Editorial Board



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(S.E. E&TC.)



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