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

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
Pune-Satara Road, Dhankawadi, Pune 411043
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	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

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 (FDP), 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 HOD, 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".
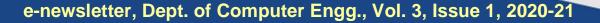
From the Desk of Coordinator...

Prof. Dr. D. A. Godse
Newsletter Coordinator

In the academic year 2018-19, Semester 2, we had released the first issue of e-newsletter in the memory of Hon'ble Dr. Patangraoji Kadam Saheb. 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 lock down situation too, our institute organized and successfully conducted a number of online activities. As a coordinator, I am delighted to proudly present the Volume 3, Issue 1, 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."

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 congrats all 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 for publishing papers on latest technology, referring IEEE journals and are encouraged to publish papers on topic referred to their projects. The department encourages students to register for NPTEL Courses in order to enhance knowledge and meet industrial requirements.

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

Faculty Development Program on "Python Programming"

Department of Information Technology in association with 9Ledge Pro, Microsoft AEP, Pune organized a Faculty Development Program (FDP) on "Python Programming" from 4th May, 2020 to 9th May, 2020 through online mode using Microsoft Teams platform.

Mr. Parth Shukla, Co- founder and Corporate Trainer, 9Ledge Pro (Microsoft Authorized Education Partner), Pune was the resource person for this FDP. The FDP commenced with Principal Prof. Dr. S. R. Patil welcoming all the participants and presenting a brief introduction about Bharati Vidyapeeth and Bharati Vidyapeeth's College of Engineering for Women. Prof. Dr. D. A. Godse, Convener and Head of Information Technology department introduced the speaker Mr. Parth Shukla and addressed the audience.

The contents covered in the FDP were basic features, advantages of using python programming, concepts in python like variables, operators, data types, flow control, conditional statements, loops, functions, classes etc. The concepts of advanced python programming were also explained. All sessions were very interactive and the participants got satisfactory answers for their queries. All the participants appeared for an online examination and received certificates. The FDP concluded with the vote of thanks presented by the coordinator Prof. A. V. Kanade. Total 176 staff members from colleges of various universities within Maharashtra participated in this FDP.

Institute Level Activities

Sr. No.	Date	Activity	Staff Coordinator(s)	Organizing Department/Cell
1.	29/04/2020 to 27/05/2020	"COVID-19 Pandemic" General Quiz 2020	Prof. Dr. A. M. Pawar Prof. S. S. Thite	Bharati Vidyapeeth's College of Engineering for Women, Pune
2.	11/05/2020 to 15/05/2020	Online Workshop on "Latex"	Prof. D. D. Pukale Prof. K. S. Warke Prof. K. D. Yesugade	Department of Computer Engineering in association with Spoken-Tutorial, IIT Bombay.
3.	13/05/2020 to 18/06/2020	"WhatsApp Ka Boss" Quiz Competition 2020	Prof. S. S. Thite	Department of Information Technology
4.	18/05/2020 to 23/05/2020	Faculty Development Program on "DRUPAL"	Prof. Dr. V. R. Pawar Prof. K. D. Mahajan Prof. V. V. Gaikwad	Department of Electronics &Telecommunication in association with IIT Bombay Spoken- Tutorial
5.	18/05/2020 to 23/05/2020	NBA Quiz Series	Prof. S. T. Khot Prof. Dr. S. S. Chorage Prof. A. B. Vitekar	Internal Quality Assurance Cell
6.	30/05/2020	Webinar on "Intellectual Property Rights"	Prof. K. R. Choudhari Prof. K. B. Naik	Department of Electronics &Telecommunication Engineering
7.	09/06/2020	Faculty Development Program on "Workflow Automation through Microsoft Teams"	Prof. K. B. Naik	Department of Information Technology
8.	20/06/2020 onwards	Online Practice Test Series of MHCET for 12th pass students	Prof. Dr. A. M. Pawar Prof. S. R. Mitkari	Department of Engineering Sciences and Allied Engineering
9.	21/09/2020	Webinar on "Concurrent Programming: Old problems, New challenges"	Prof. Dr. D. A. Godse Prof. A.V. Kanade	Department of Information Technology
10.	8/12/2020 to 18/12/2020	Faculty Development Program on "Effective Proposal Writing for Research Proposal and Funding"	Prof. Dr. V. R. Pawar Prof. K. D. Mahajan Prof. V. V. Gaikwad	Department of Electronics &Telecommunication Engineering

Major Technical Activity

Department of Computer Engineering of Bharati Vidyapeeth's College of Engineering for Women, in association with AWS (Amazon Web Services), organized online workshop on "AWS Solution Architect Training" for final year students, from 22ⁿᵈ November 2020 to 14ᵗʰ December 2020. Mr. Pranav Phadke with AWS training partnership conducted the workshop.
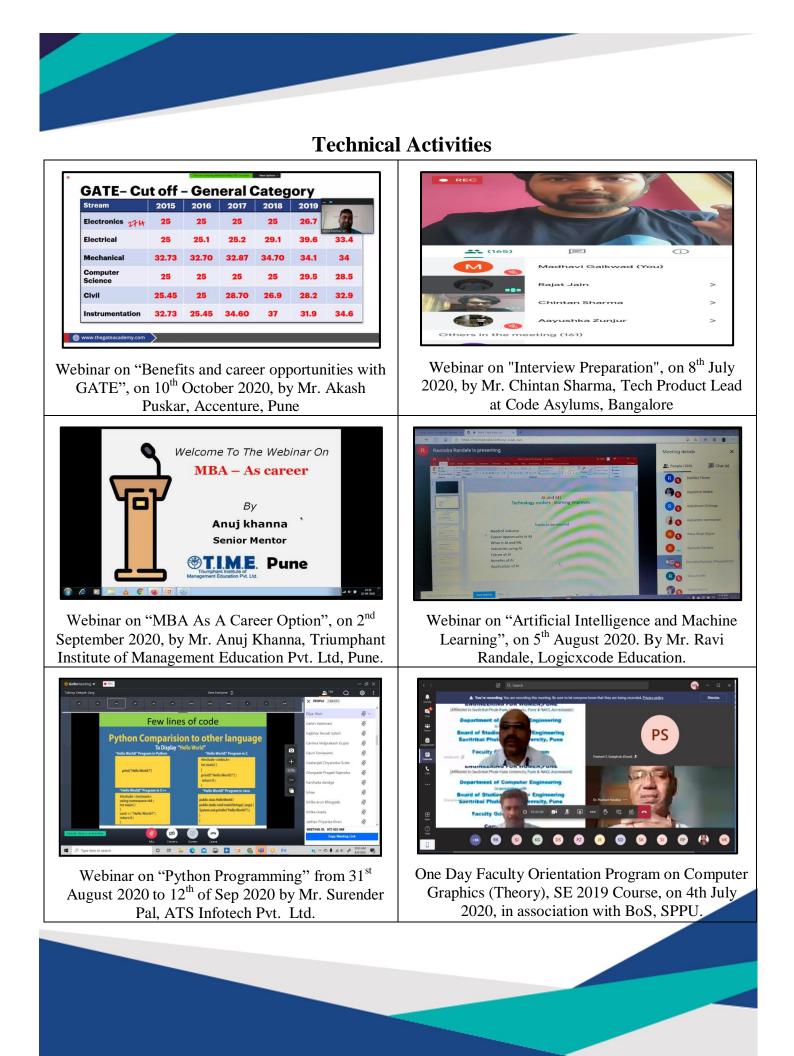
There was a selection criterion for this workshop. College has conducted internal exam for students, who have registered and completed "AWS Cloud Practitioner" course. Total 39 students were eligible for this workshop. The theory sessions of this workshop included all essential services of AWS such as, EC2, EBS, S3 etc. and some hands on sessions on AWS cloud. After completion of sessions, practice test was conducted so that students will be able to have an idea of actual AWS Solution Architect exam.

This workshop was conducted under the membership of AWS academy. It was successfully co-ordinated by Prof. Dr. S. P. Kadam and Prof. A. P. Kadam under the guidance of Prof. Dr. S. R. Patil (I/C Principal, BVCOEW) and Prof. D. D. Pukale (Head, Computer Engg. Dept.).

Industry-Institute Interaction

Sr. No.	Date	Activity	Industry/Company	Class
1.	6/7/2020	Webinar on "Aptitude and python training"	Profound Edutech, Pune	BE
2.	8/6/2020	Webinar on "Python programming"	Head Institute Collaboration, ATS InfoTech Pvt Ltd	SE
3.	13/8/2020	Webinar on " T & P activitives in the college"	Faculty, BVCOEW	SE
4.	3/9/2020	Webinar on "Future of Design"	Founder and CEO at DesignBoat UI/UX School,	TE
5.	16/9/2020	Webinar on "Introduction to entrepreneurship"	Certified trainer of entrepreneurship, Weisheit institute.	SE & TE
6.	5/10/2020	Webinar on "Power up your resume with IBM Skillsbuild Cerificates"	WordsMaya	SE, TE & BE
7.	9/10/2020	Webinar on "How to Get your resume Noticed"	WordsMaya	TE

Technical Activities

Webinar on "Benefits and career opportunities with GATE", on 10th October 2020, by Mr. Akash Puskar, Accenture, Pune

Webinar on "Interview Preparation", on 8th July 2020, by Mr. Chintan Sharma, Tech Product Lead at Code Asylums, Bangalore

Webinar on "MBA As A Career Option", on 2nd September 2020, by Mr. Anuj Khanna, Triumphant Institute of Management Education Pvt. Ltd, Pune.

Webinar on "Artificial Intelligence and Machine Learning", on 5th August 2020. By Mr. Ravi Randale, Logicxcode Education.

Webinar on "Python Programming" from 31st August 2020 to 12th of Sep 2020 by Mr. Surender Pal, ATS Infotech Pvt. Ltd.

One Day Faculty Orientation Program on Computer Graphics (Theory), SE 2019 Course, on 4th July 2020, in association with BoS, SPPU.
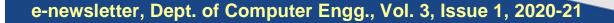
INTERNET OF THINGS

The evolution of technology never ceases- that is one of the facts we are already aware of. From the cloud to artificial intelligence, the new technologies offer us a new way to work efficiently in the office. The more we invest our money and budget in the evolution of technology, the more we move towards a better functioning, enhanced workflows, and improved user experience. The pandemic situations have further pushed us to the adoption of modern technology. Before we begin, let me give you a brief about this booming technology that has taken over the world. IoT is a system connecting any device to the Internet and to other connected devices. It is a giant network of connected things and people that allows sharing of data within the network. The Internet of Things is transforming the everyday physical objects that will enrich our lives. From refrigerators to parking spaces to houses, the Internet of Things is bringing more things into the digital fold every day, which will likely make the Internet of Things a multi-trillion dollar industry in the near future.

Over the past few years, we have seen the IoT and its boundless potential take off. With a pandemic fueled 2020, digital transformation accelerated rapidly, and with increased connectivity, thanks to 5G and faster WiFi and improvements in AI and machine learning, IoT looks set to deepen its roots in our lives and industries. As we close out 2020 and look ahead to 2021 and beyond, we see not just growth in the IoT, but increased use cases and trends surrounding them.

Ms. Payal Bhandari
Associate Software Engineer, Acquia
B.E. (Alumna, Batch 2019)

Our Esteemed Recruiters

STUDENT ACHIEVEMENTS

Payal Bhandari, Mandovi Jaiswal, Vaishnavi Puranik, Shraddha Kirtane, published paper, "Image Aesthetic Assessment using Deep Learning for Automated Classification of Images into Appealing or Not Appealing", in International Conference on Electronics and Sustainable Communications System, IEEE Xplore Digital Library on 2nd July 2020.

STAFF ACHIEVEMENTS

Prof. S. A. Pawar is recognized as Microsoft Technology Associate for "Introduction to programming using Python"

Prof. S. S. Jadhav from Department of Engineering Science and Allied Engineering has published two patents:
i) A method and composition for purification of textile wastewater. (Application No.202021025427)
ii) A method and composition for purification of textile wastewater by acid doped polyaniline (PANI). (Application No. 202021025428)

Placement from June 2020 to December 2020

SR.NO.	NAME OF STUDENT	COMPANY
1.	SHRUTI NAGESH ROTHE	VOLKS WAGON
2.	AGRAWAL MEGHA PRAKASH	INFOCENTER
3.	PAYAL ANIL BHANDARI	ACQUIA
4.	VAISHNAVI RASANE	COMPUCOM
5.	HEMBADE SNEHAL VIJAY	XL DYNAMICS
6.	THORVE SHRADDHA PRASHANT	PERSISTENT
7.	KRITIKA RAI	PERSISTENT
8.	CHINDHE SHWETA SANJAY	PERSISTENT
9.	FAUZIYA MOHIUDDIN SAYED	PRINCIPAL GLOBAL SERVICES
10.	SHINDE SONALI SANJAY	CAPGEMINI
11.	PRADNYA PRASAD DOLTHADE	CAPGEMINI
12.	BIST POOJAKUMARI LOKBAHADUR	CAPGEMINI
13.	SHRISTY KUMARI	CAPGEMINI
14.	KHAIRNAR DIVYA DEVIDAS	CAPGEMINI
15.	KEDAR SAYALI SANDIP	CAPGEMINI
16.	VANSHIKA SHAH	CAPGEMINI
17.	WADIKAR RENUKA MILIND	CAPGEMINI
18.	KHINVASARA KHUSHABU SANTOSH	CAPGEMINI
19.	NANDINI MALVIYA	CAPGEMINI
20.	BAGAL PRIYANKA JALINDAR	CAPGEMINI
21.	MAMTA S NEGI	CAPGEMINI
22.	KHATMODE SUCHITRA DNYANDEV	CAPGEMINI
23.	MAKODE ANSHITA	CAPGEMINI
24.	WADIKAR RENUKA MILIND	PERSISTENT
25.	SUBHU TRIVEDI	PERSISTENT
26.	RIA SHARMA	JARO EDUCATION
27.	SALUNKE PRANJALI PRAKASH	NTT
28.	SATPUTE SWAPNALI MAHESH	NTT
29.	ANKITA TIWARI	NTT
30.	CHAUKADE SIDDHI PRASHANT	UBISOFT
31.	MANE PRADNYA SURYAKANT	UBISOFT
32.	SAMIKSHA MAHITKAR	THE ICON GROIP
33.	KOMAL KUMARI	BIRLASOFT
34.	AARATI HADAKE	HRWORLD ONLINE SOLUTIONS
35.	SHUBHADA YELAI	ATOS SYNTEL

Editorial Board