



Hon'ble Dr. Patangraoji 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@bharativedyapeeth.edu
Website: <http://coewpune.bharativedyapeeth.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. The oldest engineering college "exclusively for women".
2. All government scholarships are applicable for eligible students.
3. Placement opportunities in multinational companies with 100% assistance.
4. Excellent university results and university rank holders.
5. MOUs with reputed industries and academia.
6. On campus hostel facility with 24 x 7 security.
7. DTE approved facilitation center for admissions.

FaceBook :

<https://www.facebook.com/Bharati-Vidyapeeth-College-of-Engineering-for-Women-Pune-1599060517007121/>



Principal's Message



Prof. Dr. S. R. Patil
In-charge Principal

Engineering institutes are effective instruments of technical progress of our country and also contribute to human progress and the transformation of society. It is really a proud moment for all of us to present the 2nd volume of 'Newsletter' of our institute. It gives me immense pleasure to write the message for it.

'Newsletter' is a platform for presenting the summary of various departmental activities conducted during the semester.

I appreciate the efforts taken by Prof. Dr. Deepali Godse, coordinator of 'Newsletter'. I also appreciate the support by 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 would like to conclude with a quote of Swami Vivekananda...

"Arise! Awake! And stop not until the goal is reached".

From the Desk of Coordinator...



Prof. Dr. D. A. Godse
Newsletter Coordinator

As a coordinator, I am delighted to present the first issue, AY 2019-20 of 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.

This semester-wise newsletter is mainly a reflection of technical activities organized at institute level and department level as well. It is the right of every stakeholder to know about the activities organized in the institute. Also, it is our responsibility to be in touch with them. It will perform the role of dissemination the information of our institute and the department to most of our stakeholders. In order to give a detailed insight into the modern era of technology and its advancements, an article on recent trend has also been included in the newsletter. Any sufficiently advanced technology is indistinguishable from magic. I am sure; the newsletter will improve connectivity between the institute and the stakeholders. Technology is best when it brings people together.

I am very much thankful to the editorial board for their efforts and solidarity in bringing out successfully the regular e-newsletter. I would like to motivate students and staff with a quote of Steve Jobs ...

"The only way to do great work is to love what you do."

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. Many technical symposiums, industrial visits, seminars, workshops and curricular, co-curricular, extra-curricular activities are organized by the department to make the students self-sustaining in the competitive world. We are pleased to share some of the major news of the institute and Department of IT during each semester. I congratulate the entire editorial team for their enthusiasm and great cooperation in the complete process of publication of the e-newsletter. I would like to encourage students and staff with a quote of Napoleon Hill..."If you cannot do great things, do small things in a great way."

Bharati Vidyapeeth's College of Engineering for Women, Pune

JOY OF COMPUTING

As per the guidelines given by All India Council for Technical Education (AICTE), Savitribai Phule Pune University (SPPU) has introduced a two-week induction programme in the first semester and a similar interactive session in the second semester. In accordance to the given credos, FE department under the guidance of Prof. Dr. A. M. Pawar organized this remarkable meet-up. This programme was successfully executed and met its purpose of making students realize how interesting this field can be.



Several non-technical activities and a technical event was organized during the programme to help students develop their overall personality. Being an ardent partaker, first year students experienced a wide exposure towards the prodigious world of computers. Prof. Pranoti Kale (TPO) along with Prof. Mughda Rane (T&P coordinator- IT department) startled students by bestowing some wonderful practical applications of computer.

Since coding has grown tremendously in past several years, gaining much needed importance, the prime motive of the induction programme was to manifest the practical uses of coding in animation, development of apps, online transactions and bookings etc. Students were also directed about robustness of code performance and instance of actual coding.

Staff Achievement



Prof. Dr. A. M. Pawar

Prof. Dr. A. M. Pawar has filed three Patents

- 1. CATHODE TOOL Application No. & CRB No.- 310839-22779*
- 2. CATHODE TOOL-1 Application No. & CRB No.- 310840-22782*
- 3. CATHODE TOOL-2 Application No. & CRB No.- 310841-22783*

In addition to his procurements, he has been appointed as an official Editorial Board Member of

- International Journal of Management Technology and Engineering (IJMTE)*
- International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC).*

Major Technical Activity



Department of Information Technology organized a workshop on “Python Programming”. The workshop was conducted by Mr. Parth Shukla, Microsoft India, from 16th to 18th September, 2019 for SE and TE students. Microsoft conducts examination and provides certification at the end of the workshop.

The workshop started with a brief introduction on Python Language and its widely used applications. The speaker discussed about the basics of Python and the session was further continued with various algorithms including Graph plotting using MapReduce package, Text to Speech, sending mail through system on any mailing platform, briefing of Raspberry Pi. The session was very interactive.

The workshop also involved Game Development Project with demonstration of various sample game projects for better understanding. By using Raspberry Pi, the students were introduced to various projects like heat sensing through video capturing, calculating room temperature and various other models.



Industry-Institute Interaction

Sr.No.	Date	Activity	Industry/ Company	Class
1	13/07/2019 and 20/07/2019	Workshop on Website Development using Wordpress	PCM Cloudtech Pvt. Ltd., Pune	T.E. I.T.
2	16/07/2019	Seminar on Machine Learning and its Applications	Tata Research Development and Design Center, Pune	B.E. I.T.
3	9/08/2019	Seminar on Python Programming	9Ledge Pro(Microsoft Authorised Education Partner), Pune	T.E. I.T.
4	23/09/2019	Workshop on Website Theme Customization using Wordpress	PCM Cloudtech Pvt. Ltd., Pune	T.E. I.T.
5	1/10/2019	Certificate Course on Personality Development	9Ledge Pro(Microsoft Authorised Education Partner), Pune	S.E. I.T., T.E. I.T.

Technical Activities



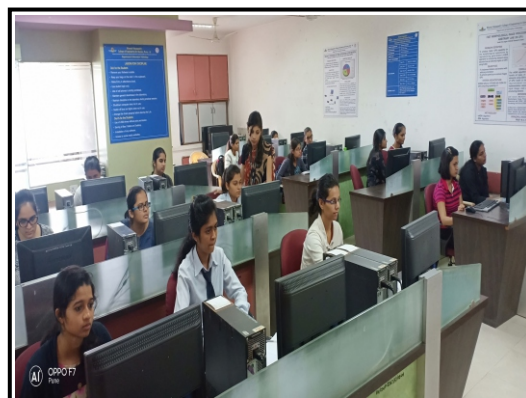
A Seminar on "Introduction to Salesforce Student Journey, India." by Ms. Payal Mittal, Chief Developer Evangelist & Technical Architect Aethereus, Pune



A Seminar on "Recursive Function in C" by Mr. Nagesh Mehtre, Click in Computer, Pune



An Industrial Visit of TE IT Students to Sactech Automation India Private Limited, Pune



Employability Enhancement Training Program by F.A.C.E (Focus Academy for Career Enhancement)



Three Days Soft Skills Training by Ms. Sukhbir under Zensar ESD MoU



A Workshop on "Hands-on Python Programming" by Mr. Atul Wadkar, Director Algorithmic Electronics, Pune

Count on your Experiences to Change the World

IT experts all over the world have devised numerous ways to extract meaningful information from the raw data they collect from multiple sources. To harvest this data, Machine Learning and Big Data have come into being that allows coders to design and develop independently running scripts that once started can learn, evolve and repeat without intervention. Companies have tried everything to filter, enhance, understand and relate this data to get intelligent outcomes. Yet, they have missed the very essence of why and how this data came into being. Experience!

We all have at some point filled out a survey and it has reflected what was our thought process at that moment. If a survey is taken too late it can affect the results. A product or service fetches a good review if it makes the customer's experience memorable. A human can experience 27 different kinds of feelings, any one of which can make or break a company. This statement might seem far fetched. But just consider a CEO resigning due to some conflict or a prominent customer of the company advertising negatively about a product which can bring down the sales and shares of the company, overnight destroying its global standing. This is the reason why it's not just the data that matters, how the person felt is of equal or maybe of upmost importance. The winners and the losers will be determined by the experience they provide.

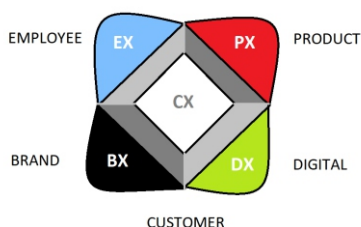


Fig. Core Experiences of Business

Experience Management (XM) is providing experience data (X) to the operational data (O) and then acting on it to get fruitful outcomes. Experience economy believes in capturing the experience data at that moment when a person reacts instead of responds. It is believed if a company measures and improves the four core experiences of business, namely Customer, Product, Employee, and Brand, it has a sure shot at being a success.

How does a company retain its best talent? The company collects employee's data related to work, schedules, work-life balance, learnings, achievements, satisfaction and then studies how long the employee has worked for the company, his salary, and promotions.



Doing this, the company evaluates to find out whether the employee is happy and predicts if he/she will continue to work for them; if not, the company formulates a

plan on what should be done to retain its best talent.

Companies all over the world are trying to keep up with this paradigm. Some of them like Oyo, Apple, Amazon are at the forefront. India is a silent player of this trend as it is one of the biggest consumer markets and has one of the most thriving service sectors in the world.

Contributed by-



Ms. Bhargavi Patel
Senior S/4HANA Developer,
SAP Ierland

(Alumna, Batch 2012-13)

Our Esteemed Recruiters



Staff Achievements



Prof. Dr. D. A. Godse

Prof. Dr. D. A. Godse has been recognized as a Ph.D. Research Guide of Savitribai Phule Pune University.

Prof. S. S. Thite copyrighted his research algorithm on “Key Establishment Mechanism for Cyber Physical System to Prevent Cyber Attacks”, Registration number L-85506/2019.



Prof. S. S. Thite



Prof. N. A. Mulla

Prof. N. A. Mulla has received a research grant of Rs.2,50,000/- for her research titled "Automatic Generation of Test Cases with Classification of Generic Test Cases in Agile" under ASPIRE (Assistance by SPPU for Project-based Innovative Research) by Savitribai Phule Pune University.

Placement during AY 2019-20 (Sem-I)

SR. NO.	NAME OF STUDENT	COMPANY
1	WALGUDE HARSHALA	ATOS
2	MEGHA RAINA	ATOS
3	BHAKTI GUNJAL	AMDOCS
4	JAYASHRI SASANE	AMDOCS
5	VAIBHAVI ZENDE	AMDOCS
6	VRASHALI TALKE	AMDOCS
7	VAIBHAVI ZENDE	BITWISE
8	RITU POWAR	CONCENTRIX
9	GAURI DAREKAR	QEROS SOFTWARE CONSULTING PVT. LTD
10	SAILI PAWAR	IBM
11	VAIBHAVI ZENDE	TECH MAHINDRA
12	BHAGYASHREE WADKAR	ZENSAR
13	BABLI CHOUDHARY	HEFSHINE SOFTWARES
14	JAYASHRI JAISWAL	PERSISTENT (APPRENTICESHIP)
15	PREETI SUDRIK	AMAZON
16	SWAGATA DALVI	AMAZON
17	RITIKA THORAT	AMAZON
18	OJASWI BORATE	PERSISTENT
19	POOJA VEER	PERSISTENT
20	RITIKA TIWARI	PERSISTENT
21	RUCHIKA ROHILLA	PERSISTENT
22	SAMPADA NANDANWAR	PERSISTENT
23	SHWETA RAJORIA	PERSISTENT
24	ANSHIKA SINHA	PERSISTENT
25	SAKSHI SINGH	ZENSAR
26	PRIYA GHOSH	ZENSAR
27	SNEHAL NIBE	ZENSAR
28	APURVA PATIL	ZENSAR
29	APRAJITHA SETH	L&T INFOTECH
30	SWAPNALI PATKI	L&T INFOTECH
31	AKSHITA CHAUHAN	L&T INFOTECH
32	MUSKAAN PANSARE	L&T INFOTECH
33	VAISHNAVI CHIMATE	L&T INFOTECH
34	PREETI BHAT	PROLIFICS
35	SHWETA RAJORIA	TCS
36	AKSHITA CHAUHAN	TCS
37	RITIKA TIWARY	TCS
38	CHHAVI KUMARI	BITWISE
39	PRATIKSHA KHOPADE	BITWISE
40	NAYAN WANDILE	VODAFONE
41	VAISHNAVI BHUTADA	VODAFONE
42	ANUBHA ROY	VODAFONE
43	SRISHTY SINHA	VODAFONE
44	SAYALGADHAVE	VODAFONE
45	PRIYANKA BHATIA	VODAFONE
46	PRATIKSHA PATIL	VODAFONE
47	SAKSHI PANDEY	VODAFONE
48	BARKHA LADDHA	CAPGEMINI

Editorial Board



Top Row L-R Students : Prerana Zamre, Maria Raashid, Priyanka Bhatia, Priya Ghosh, Vrushali Phatale, Sumat Goud

L-R Staff: Mrs. N. N. Chavan, Ms. N. A. Mulla, Prof. Dr. S. R. Patil (I/C Principal), Prof. Dr. D. A. Godse (Newsletter Coordinator), Mrs. S. B. Dhuttargi, Mrs. D. P. Chopade