



**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@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. 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 Information Technology

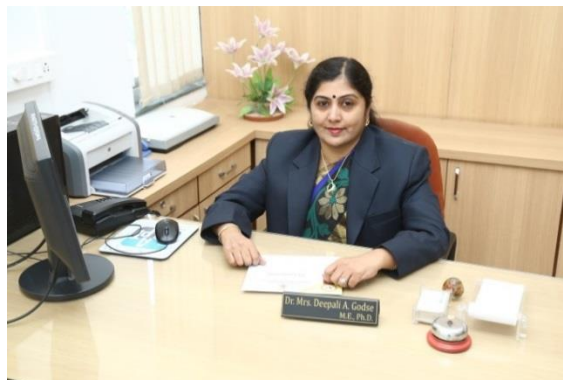
Vision

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. 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 lock down situation due to COVID-19 Pandemic, our enthusiastic team of staff members conducted number of online events and our students actively participated in all the activities. I congratulate IT department team and the entire editorial team for their enthusiasm 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.

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.

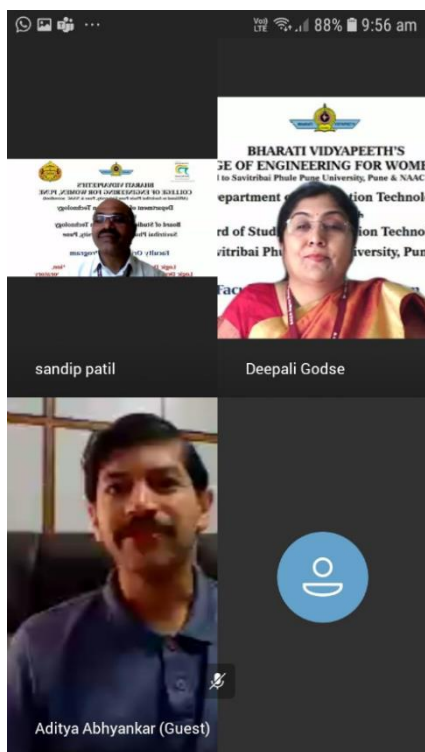


The contents covered in the FDP were basic features, advantages of using python programming, concepts in python like variables, operators, data types, flow control, conditional statements, loops, functions, classes etc. The concepts of advanced python programming were also explained. All sessions were 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. Vitkar	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 12 th 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



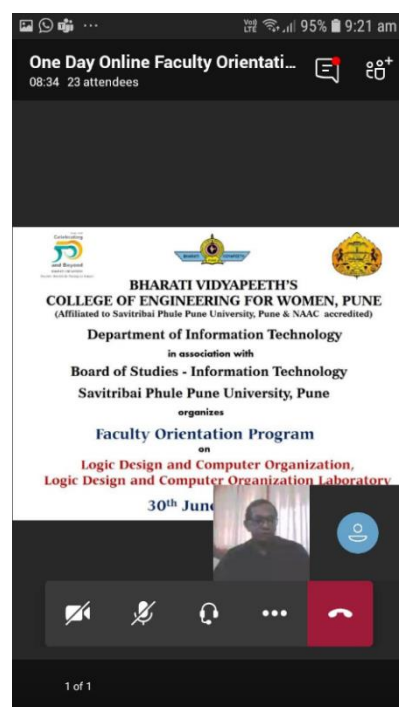
The Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women, Pune in association with Board of Studies - Information Technology (BoS-IT), SPPU, Pune had organized Online Faculty Orientation Program (FOP) on "Logic Design and Computer Organization (Theory), Logic Design and Computer Organization Laboratory" SEIT (2019 Course) on 30th June, 2020.

Prof. Dr. D. A. Godse was the coordinator of this Faculty Orientation Program. The dignitaries present for this event were Guest of Honour, Prof. Dr. A. S. Abhyankar, Chairman, Board of Studies, Information Technology, SPPU, Pune, BoS-IT Members Dr. S. A. Mahajan, Dr. Emmanuel M, Dr. M. U. Kharat, Dr. D. D. Patil, Dr. A. M. Vichare, Dr. B. L. Gunjal along with Prof. Dr. S. R. Patil, Principal, Bharati Vidyapeeth's College of Engineering for Women, Pune. The Chief Guest, Prof. Dr. M. G. Chaskar, Dean, Faculty of Science and Technology, SPPU, Pune conveyed his Best Wishes for the conduction of the FOP.

Mr. Nitin Paranjape, MD, Edutech Learning Solutions Pvt. Ltd., Prof. Santosh Purkar, Assistant Professor (IT), K. K. Wagh IET, Nashik, Prof. Sandeep Samleti, Assistant Professor (IT), AIT, Pune, Prof. Abhay Adapanawar, Head, Dept. of IT, SAE-Kondhwa, Pune and Prof. Dr. Sangeeta Jadhav, Head, Dept. of IT, AIT, Pune were the recourse persons for this orientation program.

79 faculty members from various SPPU affiliated engineering colleges attended this orientation program. The queries raised by the participants were answered to satisfaction by the recourse persons.

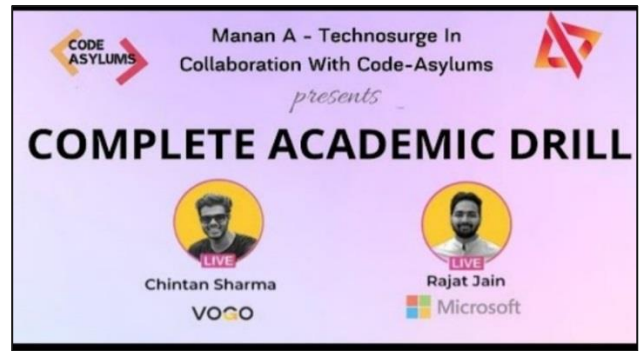
The Faculty Orientation Program for Logic Design and Computer Organization (Theory), Logic Design and Computer Organization Laboratory" SEIT (2019 Course) was a huge success.



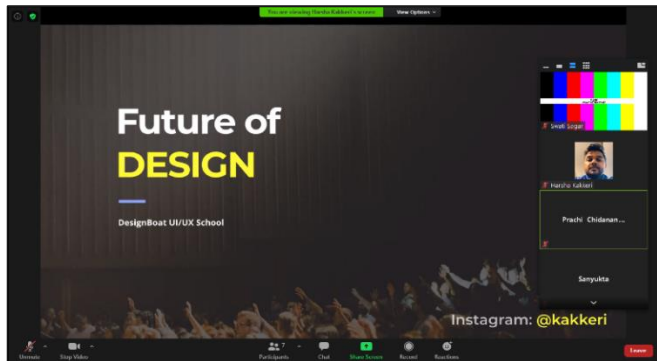
Technical Activities



Webinar on “Artificial Intelligence and Machine Learning” by Mr. Ravi Randale, Logicxcode Education, Navi Mumbai



Webinar on “Interview Preparation” by Mr.Chintan Sharma, Tech Product Lead at CodeAsylums, Bengaluru



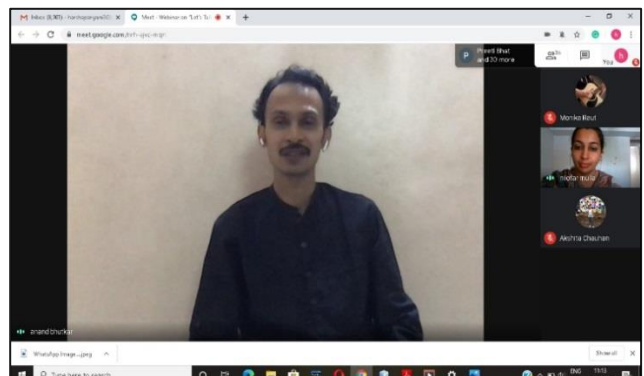
Webinar on “Future of Design which includes UX/UI Functions” by Mr. Harsha Kakkeri, Founder and CEO at DesignBoat UI/UX School, Pune



Webinar on “Power up your Resume with IBM Skills Build Certificates” by Mr. Harshad Bhagwat, WordsMaya, Pune

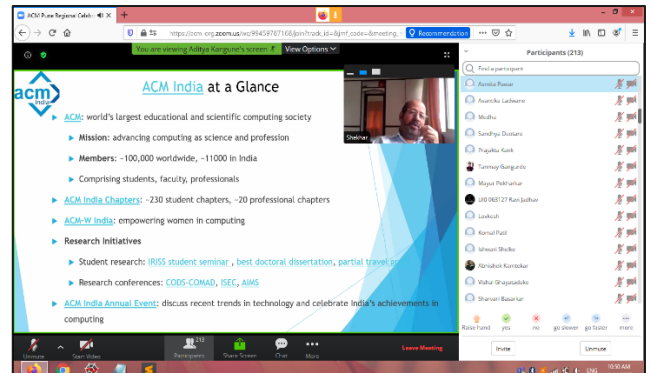


Webinar on “Benefits and Career Opportunities with GATE” by Mr. Akash Pushkar, Data Scientist, Accenture, Pune

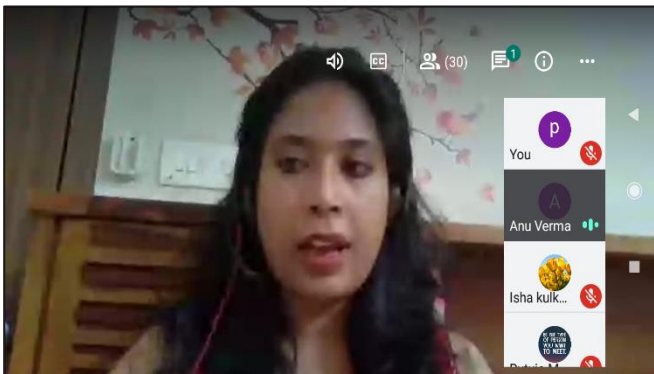


Webinar on “Let's Talk Animation” by Mr. Anand Bhutkar, The Media Tree LLP, Pune

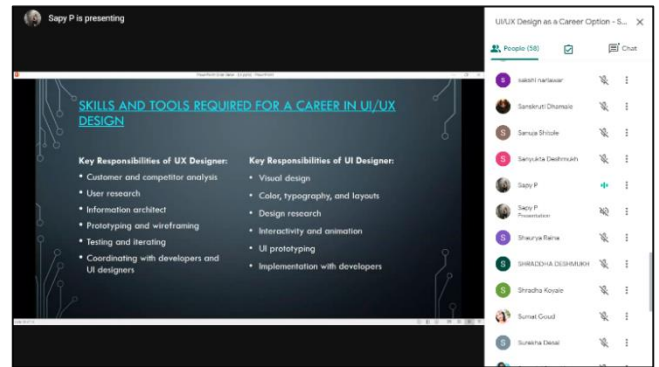
Technical Activities



ACM Pune Regional Celebration 2020 (Virtual)



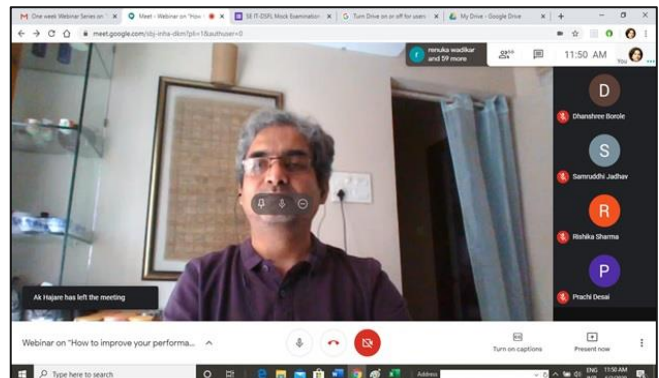
Webinar on "Agile and SCRUM Framework" by Ms. Anushree Verma, Alumna (2005-06 Batch)



Webinar on "UI/UX Design as a Career Option" by Ms. Swapnali Patki, Alumna (2019-20 Batch)

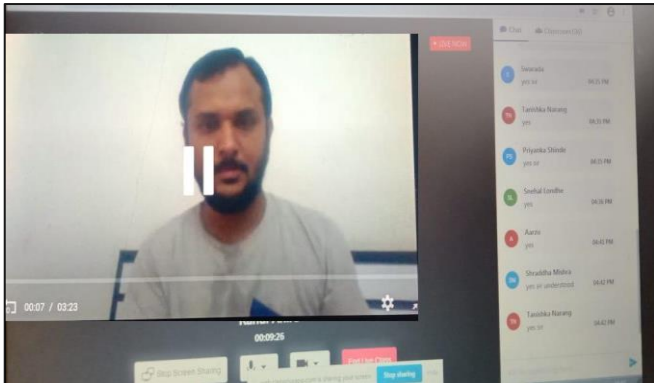


Webinar on "Benefits of Meditation for Studies" by Mr. Sudhir Wani, Nishikawa Communications India Pvt. Ltd., Pune

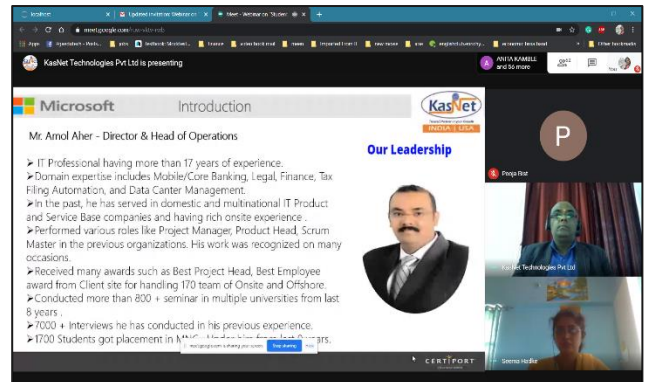


Webinar on "How to Improve your Performance in Campus Drive Tests and Interviews" by Dr. Navin Kabra, ReliScore.com and Creator of PuneTech.com

Technical Activities



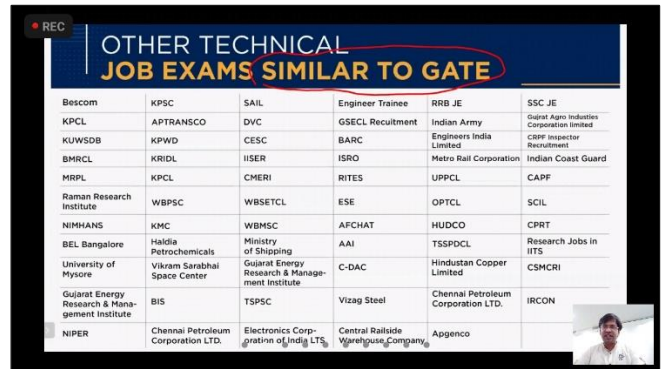
Webinar on "Technical Interview Preparation" by Mr. Rahul Ahire, Linkcode Technologies, Pune



Webinar on "Student Development Program" by Mr. Amol Aher, KasNet Technologies Pvt. Ltd., Pune



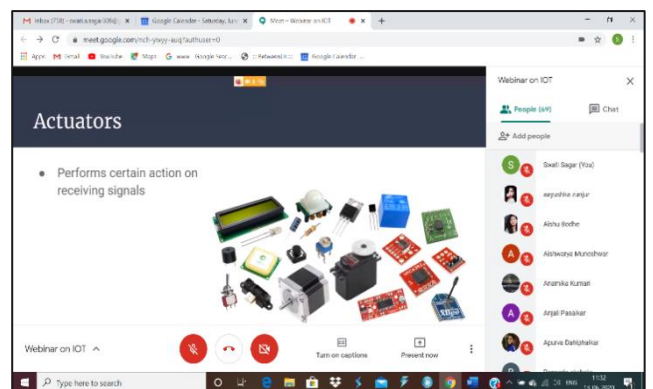
Webinar on "Study Abroad Journey: COVID 19 Updates" by Mr. Omkar Kargar, IDP, Pune



Webinar on "Gateway to Success" by Mr. Abhishek Barve, Ekeeda Pvt. Ltd., Pune



Webinar on "Python Programming" by Mr. Manish Kumar Singh, ATS Infotech Pvt. Ltd., Pune



Webinar on "Internet of Things" by Mr. Qaidjohar Z. Jawadwala, QJ Technologies, Pune

Transforming Lives with Artificial Intelligence

In Artificial Intelligence (AI), a machine performs a task which human beings find interesting and useful but difficult to perform. The current implementation of AI uses computer models to simulate intelligent behaviour. AI can enhance and stimulate economic growth by automating the workforce, improving efficiency, and becoming a source of product and service innovation.

The potential of AI varies from country to country depending on factors like the flow of data, communication infrastructure, public and private investment in the digital market and regulatory frameworks.

Today, every business needs a strong AI strategy to adapt and stay competitive worldwide. Getting access to AI technology is relatively simple and straightforward. The difficult part is applying AI technology to a specific and desired business context. It can be done in the following steps-

- Determine where AI is useful in organization
- Collect the data needed for implementation
- Choose an AI strategy that produces desired and optimized results
- Scale up to make AI available wherever and whenever it is useful
- Check for bias and ethical concerns.

Why data and Artificial Intelligence?

Data is what fuels up digital transformation, Artificial Intelligence unlocks the value of that data, and hybrid multi-cloud is the platform to democratize the data. Nowadays leading businesses are investing more in Artificial Intelligence software and multi-cloud to unleash the value of their data in totally new ways, enabling them to:

- Predict and shape the future outcomes
- Empower people to do their best and higher value work
- Create intelligent and smart workflows that automate decisions and experiences
- Re-imagine highly personalized business models

The Simplest Way to Build an Artificial Intelligence-

The simplest way to build an AI application is to follow the scientific method with the steps- form a hypothesis; model the problem domain; build, train, and test the algorithm; predict the business impact; and monitor the results.

The simplest way in deciding what to build is to choose the minimum set of technologies needed to tell the target AI story. In every story, the AI application needs to assess input, make an inference, and output a response. We can organize the universe of AI technologies based on the assess-infer-respond rule and choose an appropriate technology from each category.

The current wave of AI works by using computer models to simulate intelligent characteristic. Machine learning algorithms are good at learning new traits but bad at identifying when those traits are harmful or don't make sense. Companies deploying AI will need a workforce trained to ensure that the technology used remains both useful and safe.

Today, AI adoption is occurring fastest in digitized companies. Realistically, AI is helping companies to connect systems and improves the way we interact with both machines and one another. Rather than making people old and obsolete, I believe that AI will make the modern workplace smarter and more meaningful. I conclude with the following quote-

"Humans are fond of doing what's easier, more than what's right; therefore AI systems must be designed to make the right things easier to do."

Contributed by -



Ms. Sakshi Bhasin
Application Developer,
(Red Hat Cloud Microservices)
IBM India Pvt. Ltd,
Pune.

(Alumna, Batch 2017-18)

Achievements



Prof. Dr. K. B. Naik

Prof. Dr. K. B. Naik has been awarded Ph.D. in Computer Science and Engineering by Sathyabama Institute of Science and Technology (Deemed to be University, Chennai) for her research on “Self-Adaptive Scheduling for Resource Selection in Cloud Computing environment” on 17th September, 2020.



Prof. A. V. Kanade

Prof. A. V. Kanade successfully completed NPTEL Online Certification Course on “Cloud Computing” (8 weeks course) with Elite Grade (Score 83%)



Prof. N. A. Mulla

Prof. N. A. Mulla successfully completed NPTEL Online Certification Course “Software Engineering” (12 weeks course) with Elite Grade (Score 65%). She also received an Appreciation Letter for Mentoring the course “Introduction to Internet of Things”.

Prof. S. S. Jadhav from Department of Engineering Science and Allied Engineering has published two patents:

1. A method and composition for purification of textile waste-water (Application No. 202021025427)
2. A method and composition for purification of textile waste-water by acid-doped polyaniline (PANI). (Application No. 202021025428)



Prof. S. S. Jadhav



Ms. Veer Pooja



Ms. Jagtap Rutuja

Ms. Veer Pooja and **Ms. Jagtap Rutuja** bagged the First Prize at National Level Intercollegiate General Knowledge Test 2020 organized by Bharati Vidyapeeth's Yashwantrao Mohite College of Arts, Science and Commerce, Erandwane, Pune on 7th January, 2020.

The final year students **Ms. Jadhav Kshitija**, **Ms. Jagtap Abhilasha**, **Ms. Kolte Tejal** and **Ms. Kshirsagar Varsha** under the guidance of **Prof. S. B. Dhuttargi** bagged the Third Prize for the project titled “COLT: The Code Series Game” at Natarajan Education Society (NES) Innovation Awards, 2020. The winners were announced during a virtual event in the auspicious presence of Hon'ble Padma Vibhushan Dr. Raghunath Mashelkar, Dr. Ganesh Natarajan and Mr. Amey Mashelkar. The group has won cash prize of Rs.20000/- and certificates.



Student L to R –

Ms. Jadhav Kshitija, Ms. Jagtap Abhilasha, Ms. Kolte Tejal, Ms. Kshirsagar Varsha

Staff L to R –

Prof. Dr. D. A. Godse, Prof. Dr. S. R. Patil, Prof. S. B. Dhuttargi

Placements from June 2020 to December 2020

SR. NO.	NAME	COMPANY
1.	PREETI BHAT	BYJU'S
2.	SAKSHI SINGH	EMTEC
3.	POOJA JOSHI	SAAMA TECHNOLOGIES
4.	PRATIKSHA KHOPADE	TIBCO
5.	PRIYA GHOSH	VOLKSWAGEN
6.	AKANKSHA DURUGKAR	CAPGEMINI
7.	ARATI KHOPADE	CAPGEMINI
8.	ISHA KULKARNI	CAPGEMINI
9.	MARIA RAASHID	CAPGEMINI
10.	MEENAKSHI SINHA	CAPGEMINI
11.	POOJA VARGHAT	CAPGEMINI
12.	PRATIKSHA GHULE	CAPGEMINI
13.	SHRUTI PATIL	CAPGEMINI
14.	RISHIKA SHARMA	EVOSYS
15.	MEENAKSHI SINHA	HEXAWARE TECHNOLOGIES
16.	ANUSHIKA PANDITA	UBISOFT
17.	RUTUJA NIKAM	UBISOFT
18.	DHARATI JAWALE	UBISOFT
19.	DHANSHREE BOROLE	UBISOFT
20.	ISHA ADKANE	UBISOFT
21.	HARSHADA PANHALKAR	VODAFONE
22.	MAYURI BHOSALE	VODAFONE
23.	RISHIKA SHARMA	VODAFONE
24.	MEENAKSHI SINHA	WESTERN UNION

Our Esteemed Recruiters



Editorial Board



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Principal, BVCOEW*



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Newsletter Coordinator and H.O.D. I.T.*



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