



Kannada Sangha Pune's
Kaveri College of Arts, Science and Commerce, Pune
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized U/S 2(f) and 12(B) of UGC Act, 1956
Permanently Non-Aided | Linguistic Minority (Kannada)

Criteria VI

Governance, Leadership and Management

Key Indicator 6.5- Internal Quality Assurance System

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

(2023-24)

Collaborative Initiatives by IQAC

Contents

Faculty Development Programme Introduction of Virtual Labs	3-6
Sessions Conducted using ICT Tools Bridge Session on Google Forms and Data Analysis Session on Environment Awareness	7-8 9
Activity Conducted to enhance Employability	
Online Training for AWS Cloud Practitioners by Amazon web Services in association with Capgemini	10
Workshop on GST	11
An awareness program on “Basics of Investment in Capital market	12
Pre- Internship Training	13 -14
Guest Lecture on Bootstrap	15
Workshop on Social Innovation & Social Entrepreneurship	16-17
Session on Virtual Labs	18-22
Rubicon - One week Skill based training	23
Introductory session on OpenGL	24
Guest lecture on Technical Writing	25
Techies Club - LOGO POGO ACTIVITY	26
Visit to World Trade Centre	27-28
Future of Cyber Security: Securing Tomorrow's World Today”	29
Hands-on session on Spring and Hibernate	30
National Science Day	31
Workshop on Tally	32
Hands-on session on Spark	33
Guest Lecture on CodeIgniter & Drupal / Joomla	34-35

Faculty Development Programme

Kannada Sangha Pune's
Kaveri College of Arts, Science and Commerce, Pune
AY 2023-24

NOTICE

1 December 2023

Faculty Development Programme

Our College is a Nodal Center for Virtual Labs in collaboration with IIT Powai. It is an initiative of the Ministry of Human Resource Development under the National Mission on Education through ICT. Students can perform experiments based on various subjects virtually on this platform.

To equip faculty to conduct the virtual labs for students, a Faculty Development Programme is scheduled as follows.

Topic: **Introduction to Virtual Labs**
Date: 4 December 2023
Time: 1:30 pm
Venue: PG Lab, 2nd Floor


Principal



IIT Bombay



Institute : Kannada Sangha Pune's Kaveri College of Arts, Science and Commerce, Pune

Region : Pune

NCID : 136

Workshop Date : 04 Dec 2023

Roll No	Name	Department
75	Abhijit Chavan	Others
2	Aditya Sawant	Others
24	Bhakti Joshirao	Computer Science (Non Engineering)
56	Chaitrali Chinchankar	Computer Science (Non Engineering)
81	ashwini deshमुख	Computer Science (Non Engineering)
22	Dr. Mukta Bhosale	Computer Science (Non Engineering)
25	Rashmi Joshi	Computer Science (Non Engineering)
No ID	Sheetal Kulkarni	Computer Applications
34	Mansi Kulkarni	Computer Science (Non Engineering)
3	SUCHISMITA MOHANTY	Computer Science (Non Engineering)
06	Shreyas More	Others
44	Payal Pawar	Others
49	Pooja Ashok Shandage Shandage	Others
84	Reva Pawar	Others
35	Saket Borkar	Others

Institute : Kannada Sangha Pune's Kaveri College of Arts, Science and Commerce, Pune

Region : Pune

NCID : 136

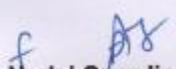
Workshop Date : 04 Dec 2023

Department	Users	Usage
Computer Applications	1	10
Computer Science (Non Engineering)	7	64
Others	7	8

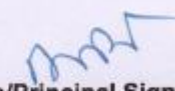
Nodal Coordinator : Dr Jayashri Bangali

System Support : Pallavi Joshi

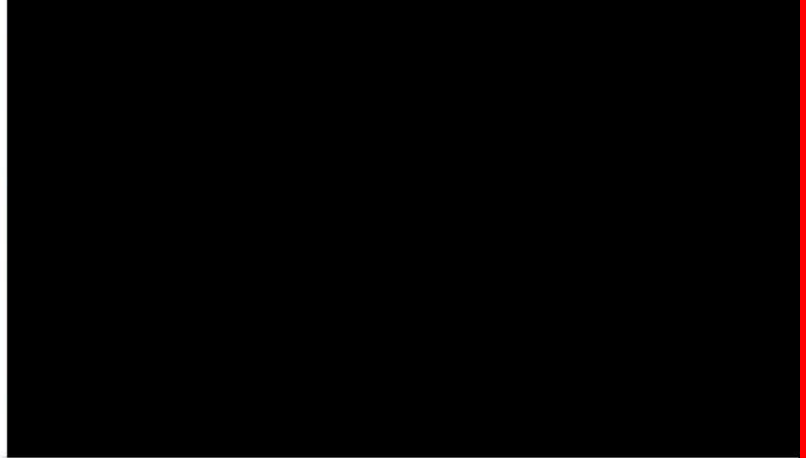
Coordinating Team : Pallavi Joshi


Nodal Coordinator Signature




Head of Institute/Principal Signature

1. Scan and Upload the duly signed ORIGINAL SOFT COPY of this report.
2. Keep the HARD COPY with you in the Virtual Labs file for the record.



Sessions Using ICT Tools

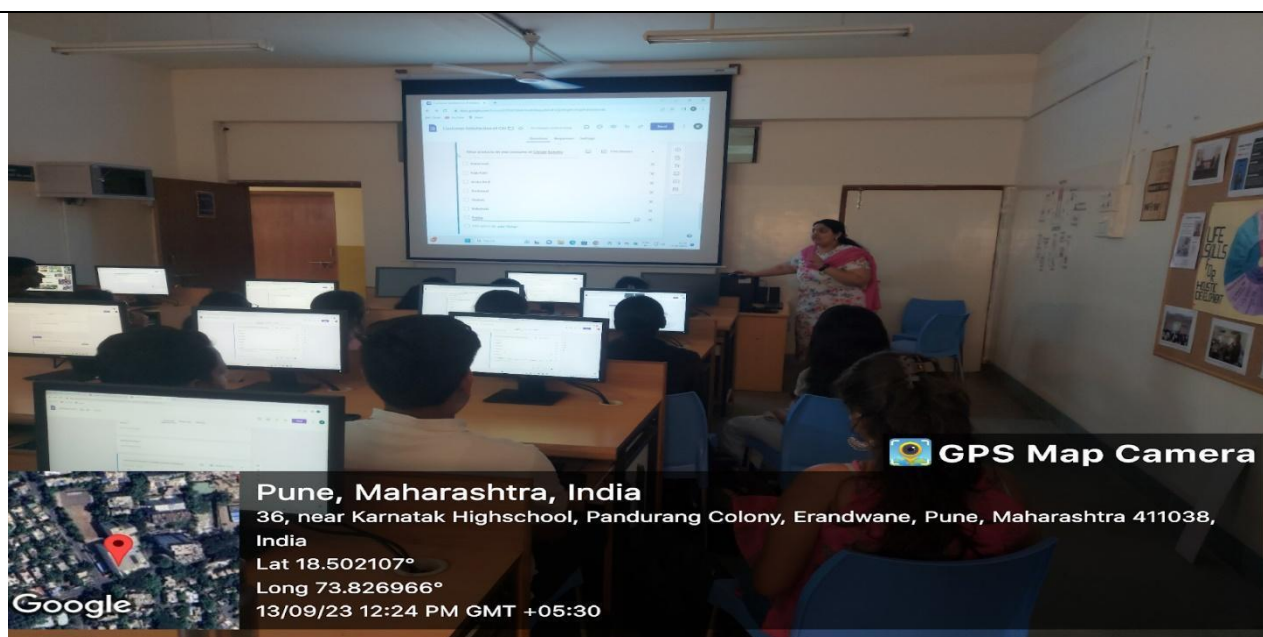
Name of the Activity: Bridge Session on Google Forms and Data Analysis

Date: 14 and 15 Sep 2023

Name of the Resource Person: Dr. Sayee Kulkarni, Asst. Professor

Report:

A hands on bridge session for SYBBA and SYBBA IB students on Google forms and Data analysis was conducted in SPEC Lab. A hands on session was conducted on designing Google forms, deciding type of questions , deciding the response validation etc. The students designed the forms on their own. Later on simple analysis tools on MS Excel were explained including construction of graphs, charts etc. The students took benefit of the state of the art laboratory and tried the tools on their own.



Dr. Sayee Kulkarni , Asst. Professor Guided the students familiarize student with Google Forms and its designing

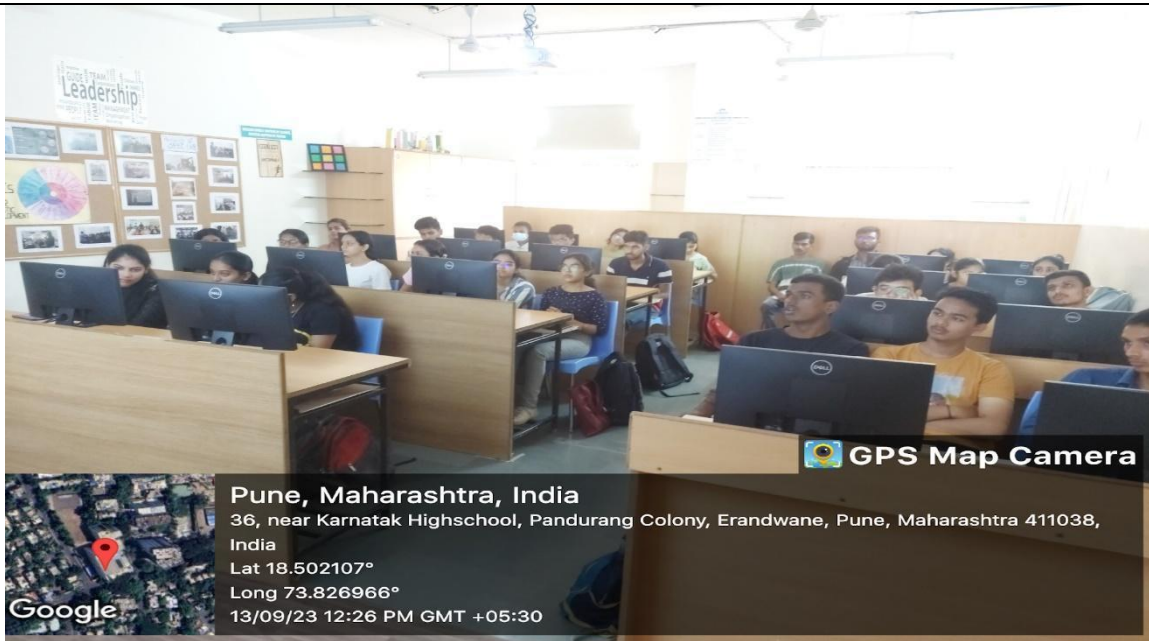
Name of the Activity: Bridge Session on Google Forms and Data Analysis

Date: 3 and 4 Oct 2023

Name of the Resource Person: Dr. Sayee Kulkarni, Asst. Professor

Report:

A hands on bridge session for SYBBA and SYBBA IB students on Google forms and Data analysis was conducted in SPEC Lab. A hands on session was conducted on designing Google forms, deciding type of questions , deciding the response validation etc. The students designed the forms on their own. Later on simple analysis tools on MS Excel were explained including construction of graphs, charts etc. The students took benefit of the state of the art laboratory and tried the tools on their own.



Bridge Session on Google Forms and Data Analysis for SYBBA, SYBBA-IB

Name of the Activity: Basics Course on Environmental Awareness

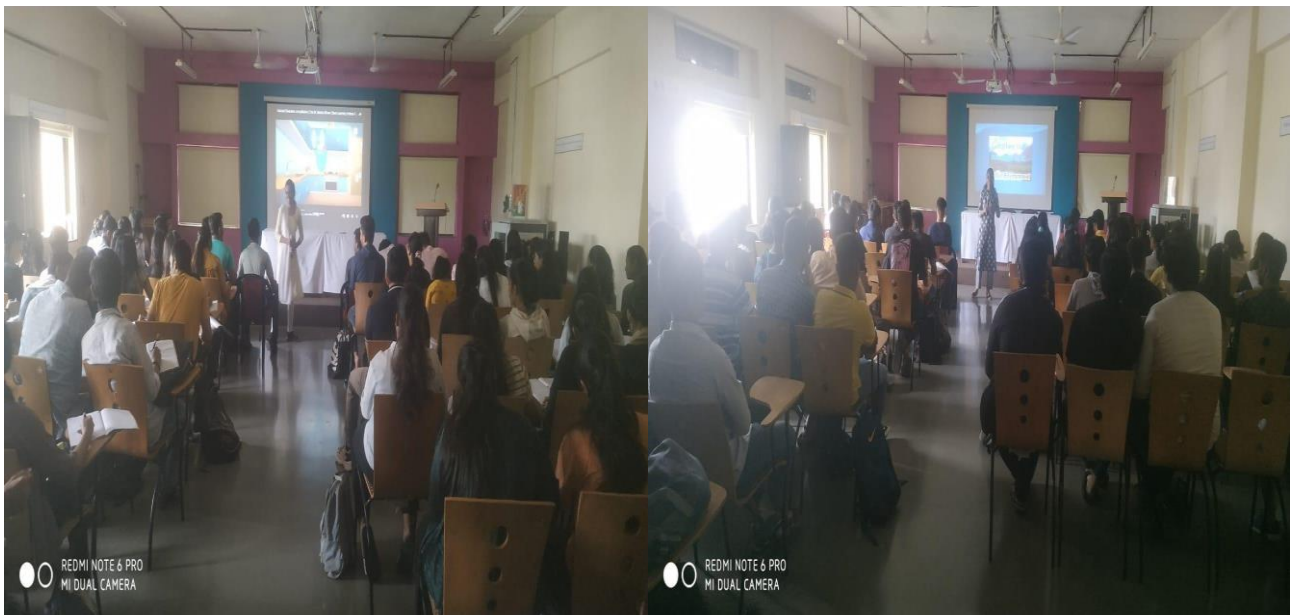
Date: 11th August to 23rd August 2023

Name of the Resource Ms. Archana Ghiware- Asst. Professor, Computer Science.

Report:

The Value-added course on the title ‘**Basics Course on Environmental Awareness**’ for the students of SYBBA and SYBBA-IB was conducted.

Various topics like environment pollution, causes of pollution, impact on health, measures to protect our environment and our responsibility towards the environment were covered in the course. The students actively participated in all the sessions with a lot of discussion and sharing about their experiences.



During the EVA Presentation

Activity conducted to enhance employability

Name of the Activity: Online Training for AWS Cloud Practitioners by Amazon web Services in association with Capgemini

Date: 11th July 2023

Name of the Resource Person: Shanmugan Chettiar from AWS in association with Capgemini is addressing queries from participants.

Report:

Amazon web Services in association with Capgemini - 11 July 2023 - For the students of BCS / BCA, 420 hours of free online training for AWS Cloud practitioners so as to get job opportunities in Capgemini and JP Morgan - Orientation for the same was conducted. In all 22 students from BSC (CS) and BBA (CA) have registered for the course. This training was offered free of cost, making students employable for further opportunities in the IT sector.



Shanmugan Chettiar from AWS in association with Capgemini is addressing the participants.

Name of the Activity: Workshop on GST

Date: 13th & 14th October

Name of the Resource Person: CA Aditi Joshi

Report:

A workshop on the topic 'Goods and Services Tax' was conducted by the Department to make the first-year students aware about the basics of GST. CA Aditi Joshi was the Resource person for this workshop. The workshop focused on the understanding of the direct and indirect taxes, background of the introduction of GST, Components of GST, Registration Process under the GST act, Input tax credit and the output liability. Also, the administrative set up with the GST Regime, the legal framework, GST rates applicable and various aspects of GST were covered in the session.

CA Aditi Joshi explained all these details very well to the students. The session was full of learning and was informative. The students were given practicals on GST in Financial Accounting for Sem I.



CA Aditi Joshi explaining the basics of GST to students on 14th October 2023.

Name of the Activity: An awareness program on “Basics of Investment in Capital market”

Date: 29 July 2023 at 12.00 noon

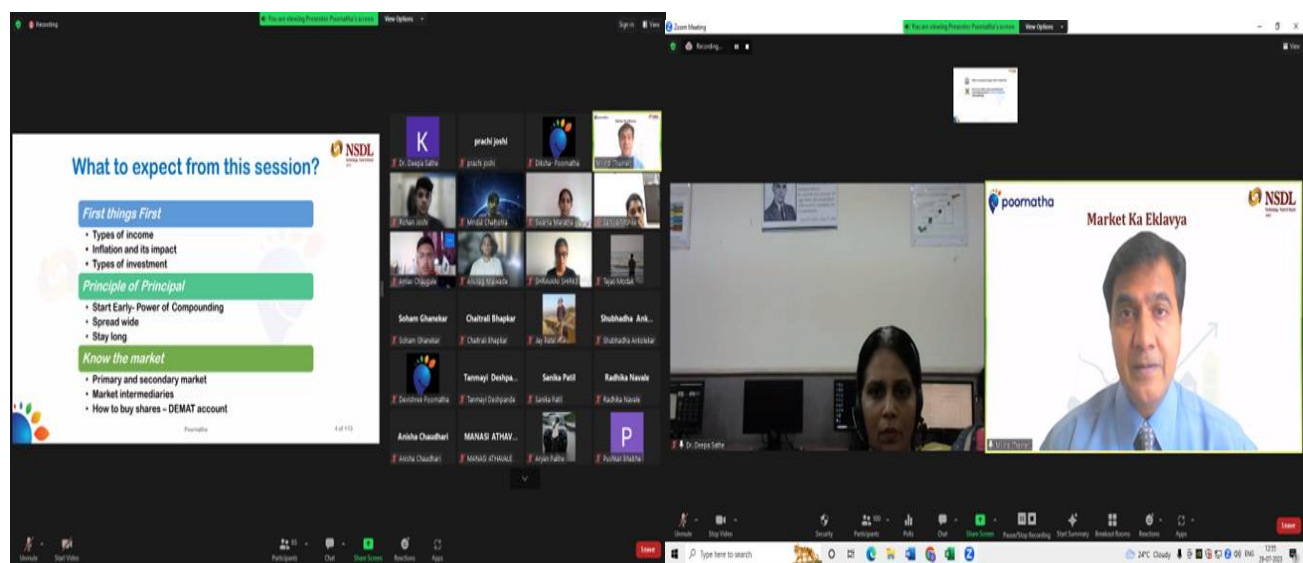
Name of the Resource Person: Mr. Milind Gaikwad, Trainer, NSDL

Report:

Mr. Milind Gaikwad, Trainer from NSDL was the Guest Speaker for this session. At the beginning, he explained the concept and importance of 3I's- Income, Inflation and Investment. He also emphasized on the concept of passive and active income. He also explained some of the measures of protecting ourselves against rising inflation. The session also covered details on various types of investment and parameters to choose investment.

The participants interacted with the speaker on various queries related to investment of money. Also, the participants sought advice from Mr. Gaikwad on the best modes of investment. In all 176 students have benefited from this session.

The session ended with the vote of thanks proposed by Dr. Deepa Sathe, Co-ordinator.



Participants listening to the Guest Speaker, Guest Speaker - Mr. Milind Gaikwad, Trainer from NSDL

Name of the Activity: Pre- Internship Training

Date: 16-21 October 2023

Name of the Resource Person: Mr. Kushal Navlakha, Dr.Deepa Sathe,Dr.Pooja Ambole

Report:

The Department of Commerce organised a pre-internship training on Soft -Skill development for five days from 16-21 October 2023 in order to. A total of 79 students were present for the training workshop. The objective of the event was to make the students adept with soft skills necessary for career development. The training program was held in hybrid mode- physical as well as online.The following sessions were conducted throughout the commencement of the course.-

- **Day 1 - Monday- 16th October 2023**
Orientation Session - Pre requisites for being Job Ready by Dr. Deepa Sathe

- **Day 2- Tuesday- 17th October 2023**
Interpersonal Skills by Dr.Pooja Ambole

- **Day 3-Wednesday- 18th October 2023**
LinkedIn by CA Kaushal Navalakha

- **Day 4- Thursday- 19th October 2023**
Communication Skills, Ethics, Dress Code and Email Writing by CA Kaushal Navalakha

- **Day 5-Friday- 21st October 2023**
CV/ Resume Creation and Preparation for Interviews by CA Kaushal Navalakha
The students were largely benefitted due to the soft skill development training sessions.
Students were awarded a Completion Certificate at the end of the training program.



Students participating in Pre Internship Training

Name of the Activity: Guest Lecture on Bootstrap**Date:** 21 October, 2023**Name of the Resource Person:** Mr. Anurag Bhute.

Software Developer & Designer, Synerzip SoftTech India Pvt. Ltd, Pune.

Report:

A guest Lecture on Bootstrap technology was organized for students on 21 October, 2023 at 09:30 am to 11.30 am in the UG Lab, 2nd Floor. Mr. Anurag Bhute, Software Developer & Designer, Synerzip SoftTech India Pvt. Ltd, Pune was invited as a resource person for the session. In a systematic way he explained about the Bootstrap technology.

Mr. Anurag gave a brief on Bootstrap Technology, that it was developed by Mark Otto and Jacob Thornton at Twitter, and released as an open source product in August 2011 on GitHub. He explained the advantages of Bootstrap and how to start with it. He explained grid, classes components

He explained that, It is a freeware frontend framework for the faster responsive webpage using HTML & CSS. He also explained all predefined classes in it.

Mrs. Shilpa Kannade welcomed the resource person and Ms. Archana Ghiware proposed a vote of thanks for the session. TYBScCS and SY BBA(CA) students attended the session in a large number.



Students Participation during the workshop

Name of the Activity: Workshop on Social Innovation & Social Entrepreneurship

Date: 3 November 2023

Name of the Resource Person: Mrs. Bindiya Naik, Asst. Prof. in Economics, Ajinkya DY Patil College, Pune.

Report:

The Department of Arts, Kaveri College of Arts, Science and Commerce, Pune organised a One Day Workshop on Social Innovation & Social Entrepreneurship for the students of Third Year BA on 3rd November 2023. The workshop was facilitated by Mrs. Bindiya Naik, Asst. Prof. in Economics, Ajinkya DY Patil College, Pune. Mrs. Naik conducted a very effective workshop wherein she tried to ignite the young minds towards social innovation and entrepreneurship. She cited many Social Improvement Projects and narrated a sample Tanzanian Case on Social Innovation. She divided all the participants into small groups deliberating on questions like - Why do we Need Social Innovation? Cite examples for different forms of Social Innovation. How to identify a social problem? Who are social innovators? How does social entrepreneurship contribute to economic development? And so on. The students were very active during the session and they were sharing their opinion and ideas while answering each question. Another benefit about the session was that she used many new terminologies like iterative, Gerrymandering, Stark Inequalities, etc. Students were motivated to ideate, develop insight and innovate. Mrs. Naik used a "Learner Centric" approach by engaging the students into different activities. The students were asked to discuss within their groups and find socially innovative products and processes. Students came up with answers like Menstrual Cup, Bamboo brushes, AI, Mobile Phones, and so on.

Several charts were prepared by student groups as a part of the learning process which were later presented in front of other students who seemed to be highly motivated and encouraged to take part in it. They had an enriching and fun session with Mrs. Bindiya Naik. 52 Students benefited from the workshop. The session ended with a sticky note activity where the students were asked to write on how they want to innovate themselves, which was followed by an online MCQ test, and Vote of Thanks proposed by Mrs. Suchismita Mohanty, BA Coordinator.



Students Participation during the workshop

Name of the Activity: Virtual Lab Experiment

Date: 5-7 December 2023

Name of the Resource Person: Dr. Deepa Sathe,
Dr. Pooja Ambole,
Dr. Mukta Bhosale,
Mrs. Bhakti Joshirao

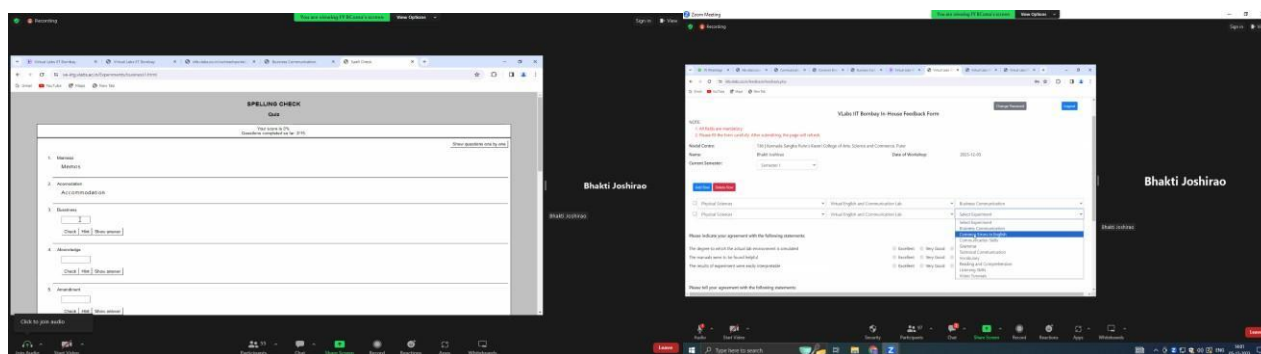
Report:

The Department of Commerce organised a Virtual Lab Experiment on Virtual English and Communication which was designed by Indian Institute of Technology Guwahati for three days from 5th to 7th December 2023.

The Experiment was conducted as our college is a nodal centre for virtual labs in collaboration with IIT Powai. It is an initiative of the Ministry of Human Resource Development under the National Mission on Education through ICT. Students can perform experiments based on various subjects virtually on this platform.

The session was conducted by Dr. Deepa Sathe, Mrs. Pooja Ambole, Mrs. Bhakti Joshirao and Dr. Mukta Bhosale. The students from Second Year B. Com were given guidance in doing Business Communication Experiments Online. Under Business Communication 6 Self-Assessment Exercises are available which are to be solved by the students one by one. Various Communication Skills like Grammar, Vocabulary, Presentation and Etiquettes were evaluated. At the end of every exercise the students were evaluated and given marks.

The lecture was conducted for FYBCOM, SYBCOM and TYBCOM students. The students had many learnings from the experiments conducted virtually. The students were highly happy with this initiative. Number of projects completed more than 4000.



Screenshot of the Virtual Lab Experiment meeting being conducted online.

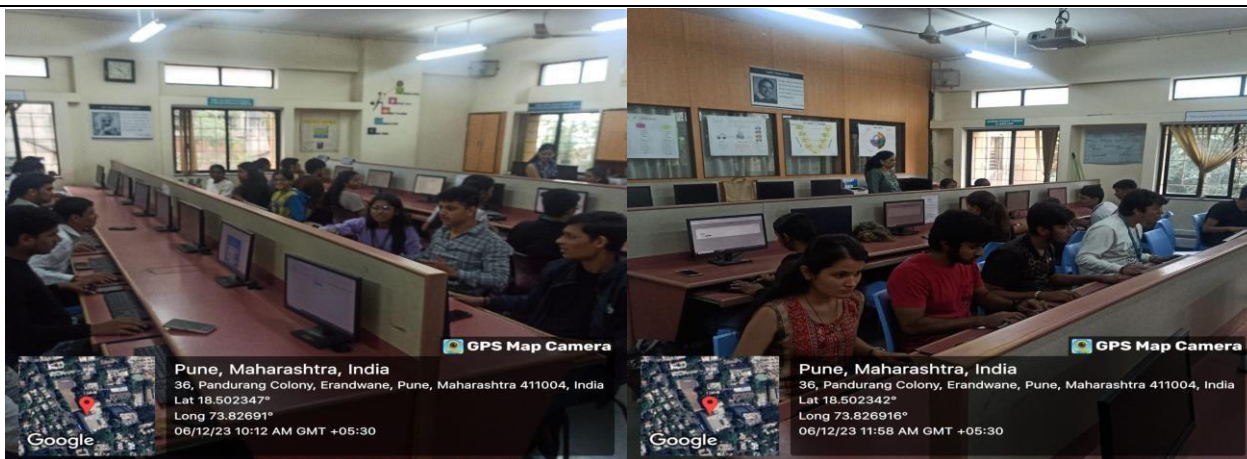
Name of the Activity: Session on Virtual Laboratory

Date: 6th December 23 9:30 to 11:30 am- FYBBA; 6th December 24 11:30 to 1:30 pm

Name of the Resource Person: Faculties of Management Department

Report:

A virtual lab session was organized for the students of FYBBA and FYBBA IB in collaboration with IIT Bombay on 6th December 2023. It is an initiative of Ministry of Human Resource Development under the National Mission on Education through ICT. The students practiced sessions and experiments on Computational Linguistics Lab and Virtual English and Communication. They practiced on the basis of several online quizzes. They understood complex topics using easy, interactive and simple methods.



Session on Virtual Laboratory Organized by: Department of BBA & BBA-IB

Name of the Activity: Virtual Lab conducted by BBA CA department

Date: 9 th December 2023

Name of the Resource Person: Faculty members of BBA CA department.

Report:

Kaveri College of Arts, Science and Commerce is a **Nodal Center** for Virtual Labs in collaboration with **IIT Powai**. It is an initiative of the **Ministry of Human Resource Development** under the National Mission on Education through ICT. Students can perform experiments based on various subjects virtually on this platform. With this regard the students of FYBBACA were informed about the concept of Virtual Lab and the process to register. They performed a **Virtual Lab experiment** based on **Problem Solving and English** Students performed sixteen different experiments like - Numerical Approximation, Functions, Arrays, Structures, Basic Control Flow, Pointers, Recursion offered by IIT Hyderabad and Basic Communication, Common Errors in English, Communication Skills, Grammar, Technical Communication, Vocabulary, Reading and Comprehension and Listening Skills offered by IIT Guwahati

After successful completion of the experiment's students filled the feedback form.



Virtual Lab session by BBA CA department.

Name of the Activity: Virtual Labs Conducted by BA Department

Date: 8th December to 11th December 2023

Name of the Resource Person: Mrs. Suchasmita Mohanty, Esha Joshi

Report:

The orientation sessions for Virtual Labs, organized for all BA students, took place in December 2023. The college, as a nodal center in collaboration with IIT Bombay, introduced this initiative as part of the Ministry of Human Resource Development's National Mission on Education through ICT. The initiative allows students to conduct experiments in various subjects virtually, enhancing their practical learning experience. The sessions began with an orientation and hands-on experiments on the 'Computational Linguistics Lab' and 'Virtual English and Communication.' The sessions were conducted as per the schedule. These sessions were designed to introduce students to the Virtual Labs platform and help them get acquainted with performing experiments in a virtual environment. The orientation sessions provided students with a unique opportunity to enhance their understanding of subjects through practical, hands-on experiments. The initiative aims to bridge the gap between theoretical knowledge and practical application, offering students an innovative and effective learning experience.



Students participating in Virtual Lab Experiment

Name of the Activity: Virtual Labs for BSc students

Date: 18th March 2024

Name of the Resource Person: Miss. Esha Joshi

Report:

The Department of Computer Science organized Virtual Lab Session for SY BSc and TY BSc students that took place on 18th March 2024, in collaboration with IIT Bombay. This session was part of a nationwide initiative to provide students with a practical learning experience in various computer science domains, all conducted virtually. The aim was to bridge the gap between theoretical knowledge and real-world applications by allowing students to engage with online experiments and tools.

The session covered various topics in computer science, such as programming, algorithms, data structures, and database management, through a series of interactive virtual experiments. Students actively participated in these experiments, gaining hands-on experience in a variety of field



Students' participation in Virtual Lab

Name of the Activity: Rubicon - One week Skill based training

Date: 19 to 23 December

Name of the Resource Person:

Report:

Rubicon - One week Skill based training - December - 19-23 December - 24 hours training from RUBICON was organized for the final year students. 2 Batches of 25 students each has shown interest in undergoing the 6 days program. The workshop was a sponsored skill-based training from RUBICON helping students to become employable. In all 50 students have benefited from this workshop.



Participants at One Week Training workshop conducted by Rubicon during 19-23 Dec 23.

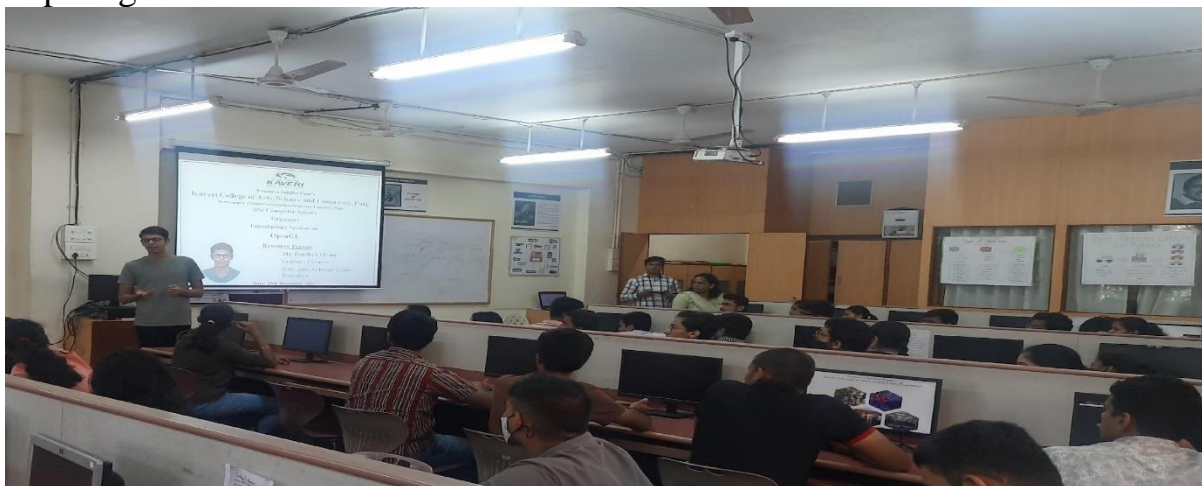
Name of the Activity: Introductory session on OpenGL**Date:** 29th December 2023**Name of the Resource Person:** Mr. Darshan Vikam, Graphic Engineer at Sony India Software Center, Bengaluru.**Report:**

An introductory session on OpenGL was organized by the BSc Computer Science department on Friday, 29th December 2023. The event was graced by Dr. Ashok Agrawal, Executive Director of Higher Education at Kannada Sangha Pune, and Dr. Muckta Karmarkar, Principal Incharge, who motivated the students. Dr. Anand Buddhikot, Coordinator of B.Sc. Computer Science, introduced and welcomed the guest speakers.

The session was conducted by Mr. Darshan Vikam, Graphic Engineer at Sony India Software Center, Bengaluru, and Mr. Vivek Kavitate, Freelancer from Pune. They focused on current technologies and career opportunities in the graphics domain. Mr. Darshan provided insights into software like OpenGL, DirectX, and Vulkan, which are widely used by graphic engineers.

In his introduction, Mr. Darshan explained OpenGL (Open Graphics Library), a cross-language, cross-platform application programming interface (API) for rendering 2D and 3D vector graphics. He highlighted various application areas of OpenGL and discussed how aspiring students can build careers using this technology. He also shared details about potential projects that students could undertake during their graduation in the graphics domain and demonstrated several projects he had worked on using OpenGL.

The event concluded with an interactive Q&A session, with a total of 46 students actively participating.



Session on OpenGL was conducted by Mr. Darshan Vikam

Name of the Activity: Guest lecture on Technical Writing

Date: 29th December 2023

Name of the Resource Person: Mr. Vivek Kavitate, Freelancer from Pune.

Report:

A session on "Technical Writing" was organized by the BSc Computer Science department on Friday, 29th December 2023. Dr. Ashok Agrawal, Executive Director of Higher Education at Kannada Sangha Pune, along with Principal Incharge Dr. Muckta Karmarkar, graced the occasion and motivated the students.

The session was conducted by Mr. Vivek Kavitate, a freelancer from Pune, and focused on building a career in technical writing. He highlighted how technical writers create documents, user guides, and other written materials for technical products and services. Mr. Kavitate emphasized the importance of mastering specific skills to succeed in this field. Essential skills for technical writers include strong communication, technical knowledge, writing, research, and design abilities.

The session concluded with an interactive Q&A segment, where a total of 52 students actively participated.



Mr. Vivek Kavitate was felicitated by Incharge Principal Dr. Muckta Karmarkar.
Session on Technical Writing.

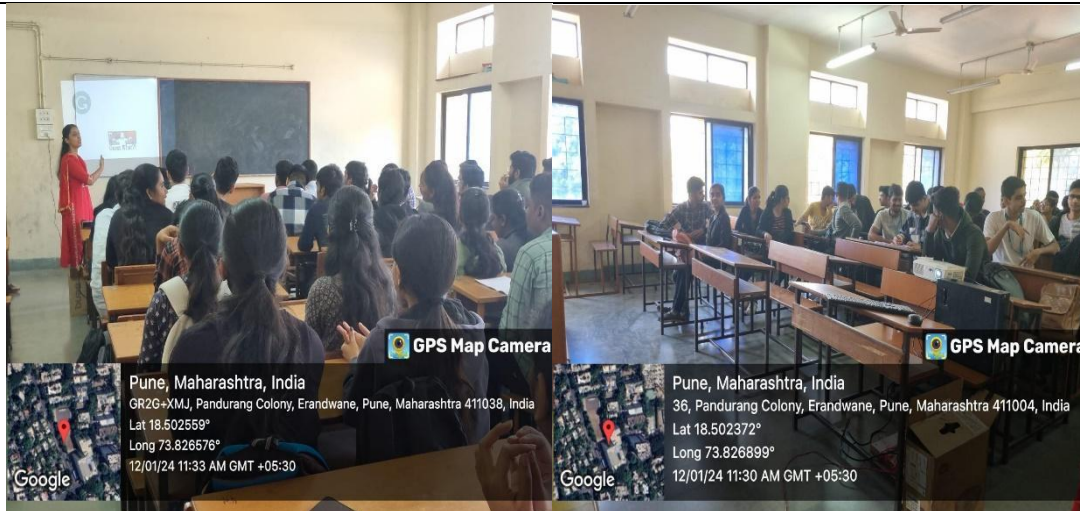
Name of the Activity: Techies Club - LOGO POGO ACTIVITY

Date: 12th January 2024

Name of the Resource Person: Mrs. Sheetal Kulkarni and Ms. Revati Deshmukh

Report:

The Techies' Club started with the Activity Session for the FY, SY and TY students. This activity was conducted on **12th January 2024, Friday at 11.00 a.m.** It was a fun activity game for students. The name of the activity was **“LOGO POGO”**, where the students had to guess the logo and name it. Logos were about the recent technologies, softwares and also different browsers. For this all the students were grouped and each team was given one chance at a time. The team that would guess the correct logo, that team would get a point. Total there were three groups. A, B and C. The winning team was awarded with the chocolates. The activity was conducted by Mrs. Sheetal Kulkarni and Ms. Revati Deshmukh under the guidance of HOD Mrs. Chitra Alavani. Overall all the students enjoyed this activity. From this activity, students were exposed to many recent technology logos



LOGO POGO activity conducted by faculty of BBA CA.

Name of the Activity: Visit to World Trade Centre, Pune

Date: 19th January 2024

Name of the Resource Person: Session 1-Mr. Neeraj Khivrsara, CIO, WTC Pune
Session 2-Mr. Amit Late, Commodity Head, FIAT
Session 3- Mr. Ranjeet Sing, Accenture

Report:

Kaveri college of Arts, Commerce and Science, Pune had arranged an industrial visit of BBA IB students to World Trade Centre Pune on 19th January 2024. It is India's fourth operational World Trade Center, is located at Kharadi, the heart of Pune's Eastern IT Corridor. 76 students from BBA and BBA IB and 6 teachers attended the visit.

In the beginning a campus tour was arranged for students which gave an idea of premises and set up of the Panchshil group's business towers which are located in the campus. With the campus tour students got an idea about various companies and their working which are located in the premises of WTC.

After the campus tour students were taken to the auditorium for sessions. In the introductory session Ms. Smruti Wakhare, Business Development Manager briefed students about the structure and working of the WTC. She explained how companies like MyLab and Prejex could expand their business internationally with the help of WTC.

Mr. Neeraj Khinvsara, CIO and executive Director of WTC pune, addressed students. He gave an idea about the role and functions of WTC. He briefed students about how WTC supplies businesses with access to international trade services and facilities and seeks to simplify and stimulate trade by bringing together the offices of government and industry that serve and carry on trade. He also emphasized the importance of sustainability in the upcoming future of the businesses.

In the next session Mr. Amit Late, Commodity Head, FIAT addressed students. In his speech he shaded light on various aspects of international business. He also explained how WTC helps SMEs to connect with MNCs to grow their business. While discussing his ideas

about international businesses, he emphasized on drivers of international business, modes of entry in IB like FDI and role of WTC in networking of participants in International Business. He exclusively explained with the help of case studies which helped students to understand the core role of WTC.

In the next session Mr. Ranjeet Sing from Accenture established dialogue with students. While discussing skills that are required for globalized international business he advised students to develop a different perspective than the common crowd to succeed in the business.



Visit to World trade centre

Name of the Activity: Future of Cyber Security: Securing Tomorrow's World Today”

Date: 25th January 2024

Name of the Resource Person: Mr. Rajas Phatak, Co-founder @ Securia InfoSec LLP

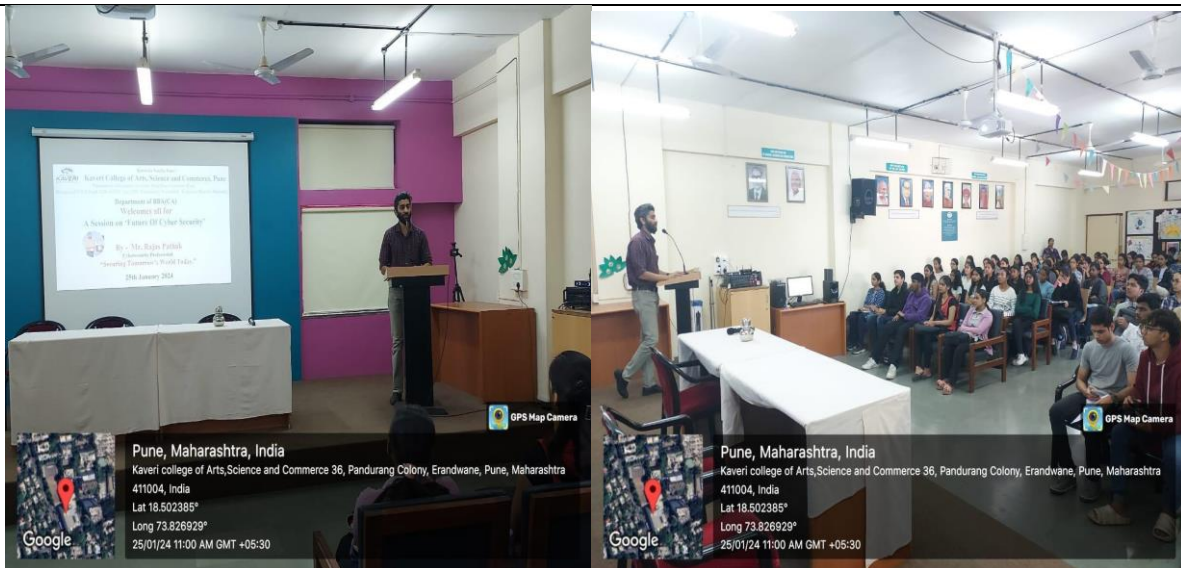
Report:

The session, conducted by Mr. Rajas Phatak, delved into the critical realm of cybersecurity, offering attendees a comprehensive understanding of the subject. The event was open to all, reflecting a commitment to spreading awareness about the significance of cybersecurity in our rapidly advancing world.

Mr. Phatak provided a thorough exploration of cybersecurity fundamentals, offering a deep dive into the intricacies of safeguarding digital landscapes. Attendees were treated to interesting case studies and real-world stories, giving ideas about the challenges and triumphs within the cybersecurity domain. The session focused on the importance of cybersecurity, emphasizing personal data privacy and shedding light on techno-legal aspects crucial for navigating the digital age. A highlight of the event was the insightful discussion on diverse career opportunities within the cybersecurity field, inspiring attendees to consider and pursue paths in this ever-evolving sector.

Participants had the unique opportunity to engage in a hands-on session, gaining practical insights and skills that can be applied in real-world cybersecurity scenarios.

Mr. Rajas Phatak's expertise and the interactive nature of the session left participants well-equipped to navigate the challenges of the digital landscape.



Session on cyber security.

Name of the Activity: Hands-on session on Spring and Hibernate.

Date: 24 February 2024

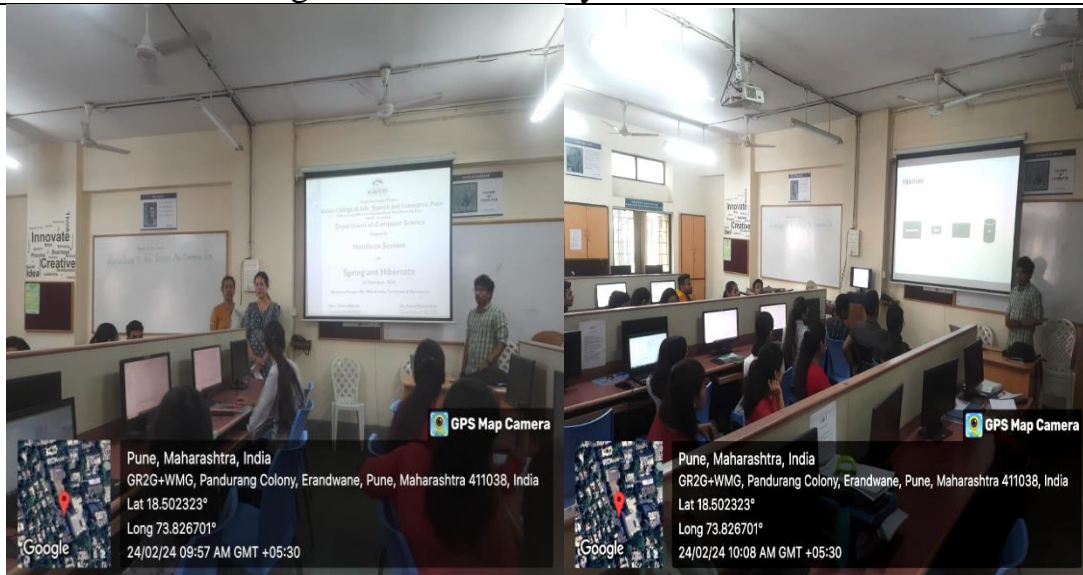
Name of the Resource Person: Mr. Milind Joshi, Tech Lead, Rezoomex

Report:

A Session on Spring and Hibernate was organised by the Computer Science Department for the students of TYBBA(CA) and TY BSc(CS). Mr. Milind Joshi, Tech Lead, Rezoomex, Pune, was invited as the resource person. He has 6+years of experience in Java development particularly in Spring Boot, which is a popular framework for building Java-based enterprise applications.

The session started with the basic overview of core java concepts and the explanation about Spring framework, how to program and configure it for various Java-based enterprise applications. He also explained the Hibernate framework and how to map an object-oriented domain to a relational database. He explained about the most prominent features of Hibernate i.e. to map from Java classes to database tables and to map Java data types to SQL data types. Both these concepts were handled with a Hands-on session.

The session was very informative and all the concepts were explained with simple programs which even the students executed simultaneously along with the trainer. At the end of the session students interacted with the resource person and got their queries solved. The lecture was very beneficial to the students and they got to know about the latest trends and technologies used in industry.



A Session on Spring and Hibernate conducted by Mr. Milind Joshi.

Name of the Activity: National Science Day

Date: 27th February 2023

Name of the Resource Person: .NA

Report:

National Science Day 2023-24 was celebrated with great enthusiasm on 27th February 2024. The theme for this year's celebration was "Indigenous Technology for Viksit Bharat", which aligns with the vision of creating a technologically advanced and sustainable India. On this special occasion, a Project Exhibition was organized to showcase the creativity, innovation, and technical skills of students. The exhibition aimed to highlight the importance of developing indigenous solutions to meet societal needs and contribute to India's growth.

The exhibition was inaugurated by Dr. Muckta Karmarkar, the In-charge Principal of the college, who congratulated the students for their efforts in designing and developing innovative projects. In her address, Dr. Karmarkar emphasized the importance of sustainability in technology development and encouraged the students to focus on incorporating eco-friendly and sustainable features in their projects.

Dr. Anand Buddhikot, a distinguished faculty member, spoke about the significance of National Science Day. He informed the audience that National Science Day is celebrated every year on 27th February to commemorate the discovery of the "Raman Effect" by Indian physicist Sir Chandrashekhar Venkata Raman (C.V. Raman). Dr. Buddhikot highlighted the objective of the exhibition, which was to inspire students to work on projects that combine scientific curiosity with practical applications that contribute to society.

The event was also graced by the presence of Dr. Ashok Agrawal, the Academic Executive Director of the college, who appreciated the students' innovative spirit and the efforts put into organizing the exhibition.

The session concluded with an interactive Q&A segment, where a total of 40 students actively participated.



Students explaining their Project

Name of the Activity: Workshop on Tally

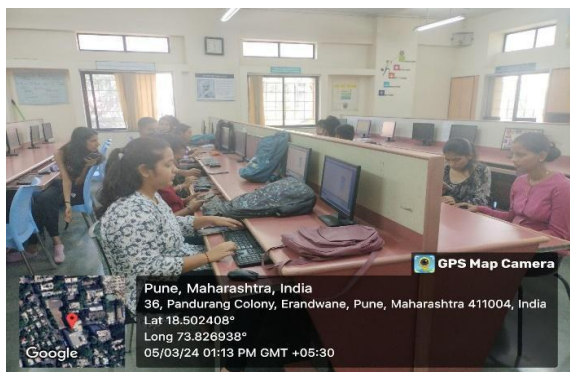
Date: 27th & 28th February 2024 - Online Zoom Session
4th, 5th and 6th March 2024 - Lab Session

Name of the Resource Person: Dr. Deepa Sathe Ms. Bhakti Joshirao

Report:

The Workshop on Tally online session was organized by the Department of Commerce on 28th and 29th February 2024 on zoom from 12:30 pm to 2:30 pm. In the online session students were given insights about the background of tally and how to create a company, alter company in tally, and how to create groups and ledgers in tally. The students were also explained about the types of vouchers and the reports that can be generated in tally. On 4th, 5th and 6th March students were given a lab session where they could take a hands-on session. All the students benefited with these practical sessions on tally accounting software which was conducted by Dr. Deepa Sathe, (HoD, Coordinator Department of Commerce) & Mrs. Bhakti Joshirao.

The purpose of this workshop was to make students familiar with the accounting software and to assess them on the basis of their understanding of theoretical and practical knowledge of Tally accounting software.



Students participating in tally workshop

Name of the Activity: Hands-on session on Spark**Date:** 16 March 2024**Name of the Resource Person:** Dr. Harshita Vachhani
Head of Computer Science Department,
Pratibha College of Commerce & Computer Studies**Report:**

A Session on Spark was organised by the Department of BBA(CA) for the students of TYBBA(CA)). Dr. Harshita Vachhani, Head of Computer Science Department, Pratibha College of Commerce & Computer Studies, Pune, was invited as the resource person. She has 17+years of experience as a professor and has also has worked as Placement coordinator.

The session started with the basic overview of Hadoop Components, Hadoop Distributed File System and Map Reduce concepts. She explained Apache Spark Framework, it's installation and some of its key features like In Memory Processing, Fault Tolerance etc. Students were given some practical programs through Hands-on session.

The session was very informative and all the concepts were explained with simple programs which even the students executed simultaneously along with the trainer. At the end of the session students interacted with the resource person and got their queries solved. The lecture was very beneficial to the students.



Session on hand on Spark conducted by Dr. Harshita Vachhani.

Name of the Activity: Guest Lecture on CodeIgniter & Drupal / Joomla

Date: 16 March 2024

Name of the Resource Person: Mr. Anurag Bhute.

Software Developer & Designer, Synerzip SoftTech India Pvt. Ltd, Pune.

Report:

A session on Introduction to CodeIgniter & Drupal / Joomla was conducted on Saturday, 16 March 2024 for TYBScCS and SYBBA(CA) students. Resource person Mr. Anurag Bhute briefly guided the students on the topic. In the beginning he gave a brief about CodeIgniter which is a powerful PHP framework with a very small footprint, built for developers who need a simple and elegant toolkit to create full-featured web applications.

CodeIgniter is based on the Model-View-Controller (MVC) development pattern. MVC is a software approach that separates application logic from presentation. In practice, it permits your web pages to contain minimal scripting since the presentation is separate from the PHP scripting.

He guided on prerequisites for installing CodeIgniter and Steps for Installation and Configuration (for Ubuntu OS). He also solved some assignments from the lab book.

Mr. Anurag also gave a brief introduction on Drupal. It is an open-source software that allows publishing, managing and organizing a wide variety of content on a website easier. Drupal is used to easily manage, update and publish the content in the website. Many individuals and organizations are using Drupal to create professional websites to suit their custom requirements. Because of easy creating sites, application and management, Drupal is used by many organizations.

We can enhance the functionality of Drupal by adding available add-on modules. He also guided on Creating Contents, Creating Articles and Creating basic Pages in Drupal. He explained in detail about Blocks and Modules. He also solved some assignments from the lab book



Mr. Anurag Bhute Conducting Guest Lecture on CodeIgniter & Drupal / Joomla