



**Shri Shivaji Science & Arts College, Chikhli**  
**Department of Computer Science**  
**Academic/Co-Curricular Activities Report 2025-26**

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**1. Students Participation in Departmental Activities:**

During the academic session 2025-26, Department of Computer Science has organized following Co-Curricular activities for the students.

• **Group Discussions/Case Studies/ Field Projects/Seminar:**

During this academic session, students of B. Sc. Part I and II Participated in Group Discussions, B. Sc. Part II Participated in E. Commerce Case Studies, Field Projects. B. Sc. Part III and M. Sc. Part I, II delivered seminar on recent topics to fulfill internal activity of integral part of curricula laid down by SGBA University Amravati during all the semesters. The concern teachers gave their valuable guidance to the students in order to prepare their Group Discussions, Case Studies, Field projects and seminar topics. Online facility like Google classroom, Mobile apps has been made available to all students. Dr. A. B. Kadam - HOD, Dr. M. E. Jadhav, Dr. S. S. Gaikwad guided the students.

**2. Organizing Workshop on IPR in Collaboration with MSFDA - Pune**

**1. Title of the Event/Activity:** State Level Workshop on “IPR in Collaboration with MSFDA-Pune”

**2. Date of the Event/Activity:** 20<sup>th</sup> December, 2025

**3. Objective/Purpose:**

The purpose of a **State-Level Workshop on Intellectual Property Rights (IPR)** is to translate national policies into local action. State-level workshops focus on the unique industrial, academic, and cultural landscape of a specific region.

**1. Awareness and "Culture Building"**

- **Demystifying Legal Concepts:** To simplify complex legal terms (Patents, Trademarks, Copyrights, and Designs) for non-legal audiences like engineers, artists, and farmers.
- **Shifting Mindsets:** To encourage a shift from a "copy-paste" or "Jugaad" culture to a "Creative and Innovative" culture where original ideas are recognized as assets.
- **Promoting Ethics:** To educate the public on the negative impacts of piracy and counterfeiting on the state's economy.

**2. Protecting Regional Heritage (GIs)**

A unique purpose of state-level workshops is often the focus on **Geographical Indications (GI)**.

- **Identifying Local Assets:** To help local communities identify unique agricultural products or handicrafts (e.g., specific regional silks, fruits, or crafts) that qualify for GI protection.
- **Economic Safeguarding:** To ensure that the state's traditional knowledge and heritage are not exploited or commercialized by unauthorized entities outside the region.

### 3. Boosting Regional Economic Competitiveness

- **Supporting MSMEs:** Small and medium enterprises often lack the budget for legal counsel. Workshops aim to show them how to protect their brand and technology to compete in global markets.
- **Improving Innovation Rankings:** States often compete in innovation indices (e.g., NITI Aayog's India Innovation Index). Increasing the number of IP filings directly improves a state's standing and attracts foreign investment.
- **Financial Guidance:** To inform local entrepreneurs about state-specific subsidies and central government schemes that reimburses IP filing costs.

### 4. Capacity Building for Stakeholders

- **For Academia:** To train professors and students on how to convert "Research Papers" into "Patents" and navigate the university's IP policy.
- **For Startups:** To provide a roadmap for "IP Audit"—helping startups identify what they own (code, brand name, secret sauce) and how to lock it down before seeking funding.
- **For Law Enforcement:** To sensitize local police and judicial officers on how to handle IPR infringement cases and enforces IP rights effectively at the grassroots level.

### 5. Procedural and Technical Training

- **Search and Filing:** To provide hands-on training on how to use free patent databases (like Google Patents or In PASS) to conduct a "Prior Art Search" before wasting money on an unoriginal idea.
- **Commercialization:** To teach creator show to move beyond protection and actually **make money** through licensing, franchising, or technology transfer.

### 6. Strengthening the Ecosystem

- **Connecting Experts:** To create a networking platform where inventors can meet patent attorneys and government officials from the State Council of Science and Technology.
- **Utilizing IP Facilitation Centers (IPFCs):** To promote the services of local IP cells and facilitation centers that offer low-cost assistance to the public.

**4. Organizing Department/Committee:** The Workshop was organized by Internal Quality Assurance Cell (IQAC). The organizing Committee and Organizing Secretary are as follows:

#### The Organizing Committee

1) Dr. P. R. Padole, Principal & Convener 2) Dr. V. U. Pochhi, IQAC-Coordinator 3) Dr. S. I. Jukkalkar, PM-USHA-Coordinator & Organizing Secretary 4) Dr. A. B. Kadam, RAC Coordinator 5) Dr. G. M. Dongre, Research Guide in Chemistry 6) Dr. G. G. Malte, Research Guide in Marathi 7) Dr. V. M. Hemke, Research Guide in Zoology 8) Dr. S. M. Kalakhe, Research Guide in Economics 9) Dr. M.E. Jadhav, Research Guide in Computer Science 10) Dr. R.B. Gade, Member of Research and Innovation

#### Organizing Secretary

1) Dr. S. I. Jukkalkar, PM-USHA-Coordinator & Head of the English Department.

### 5. Participants:

A total of 86 participants attended the Workshop, representing various roles from different colleges. All of them are faculties.

#### **6. Event/Activity Description:-**

The Internal Quality Assurance Cell (IQAC) of Shri Shivaji Science and Arts College, Chikhli, District Buldhana, organized the one day State-Level Workshop on “**IPR in Collaboration with MSFDA-Pune**” on 20<sup>th</sup> December 2025. This event was sponsored by the PM-USHA Grant Component 3.0 (Strengthen College).

##### **i) Workshop Overview**

This comprehensive workshop on Intellectual Property Rights (IPR) is designed to equip participants with a foundational understanding of the legal frameworks that protect intangible assets and foster global innovation. Throughout the session, attendees will explore the corepillars of IP—including patents, trademarks, copyrights, trade secrets, and industrial designs—while gaining practical insights into the registration processes and the strategic importance of safeguarding creative works. By examining real-world case studies and current legal trends, the workshop aims to empower entrepreneurs, researchers, and creative professionals to effectively manage their intellectual capital, mitigate infringement risks, and leverage their innovations for commercial success and sustainable growth.

##### **ii) Prominent resource persons included:**

- **Mr. Harshal Sureshrao Gatkine**, Young Research Scientist Innovation in Green energy & Education, Nagpur (MS)
- **Dr. Ajinkya Ravindra Kottawar**, Founder & President “Dnyan Foundation” Nagpur (MS)

**iii) Inaugural Ceremony:** The program began with an introductory speech delivered by Dr. Pramod R. Padole, Principal of our college.

In his address, they are emphasized the importance of IPR. The Inaugural Function was anchored by Dr. V. M. Hemke.

##### **iv) First Technical Session**

The titled “**Research Innovation in Day to Day Life**,” delivered by **Dr. Ajinkya Ravindra Kottawar**, offers a compelling look at how scientific curiosity and creative problem-solving can be seamlessly integrated into our daily routines. As a prolific innovator recognized by the Limca Book of Records and known for holding numerous patents at a remarkably young age, Dr. Kottawar draws from his extensive experience to demonstrate that impactful research is not confined to high-tech laboratories but is a practical tool for addressing common societal challenges. The session emphasizes the importance of identifying “pain points” in the environment and transforming everyday obstacles into opportunities for groundbreaking innovation and entrepreneurship. By bridging the gap between theoretical research and practical application, Dr. Kottawar inspires attendees to adopt an “innovation mindset,” encouraging them to use critical thinking and technical ingenuity to improve quality of life and drive sustainable progress in the modern world.

##### **v) Second Technical Session**

The lecture titled “**Green Energy: The Future of Era**,” delivered by **Mr. Harshal Sureshrao Gatkine**, offers a visionary exploration into the pivotal role of sustainable energy in shaping the next generation of global development. As a Research Scientist specializing in

renewable energy with recognized expertise in biogas fermentation and biomass-to-CNG conversion, Mr. Gatkine provides unique insights into the technological breakthroughs and practical applications of green fuel systems. The session delves into the critical transition from traditional fossil fuels to innovative, carbon-neutral alternatives, highlighting how organic waste management and biochar production serve as both environmental necessities and lucrative economic opportunities. By bridging the gap between scientific research and industrial implementation, the lecture empowers attendees to recognize green energy as the cornerstone of a sustainable future, inspiring a commitment to eco-friendly innovation and energy independence.

#### **vii) Valedictory Function**

The valedictory session commenced at 6:00 PM, with Dr. A. B. Kadam, presiding over the event. And distribute the certificate of Workshop.

#### **viii) Participation**

The **State-Level Workshop on Intellectual Property Rights (IPR)** achieved a significant milestone with the dedicated participation of **86 faculty members**, representing a diverse array of academic disciplines and institutions. This exclusive assembly of educators highlights a strong regional commitment to professional development and the integration of IP literacy into higher education. By focusing specifically on faculty, the workshop created a specialized forum for high-level intellectual exchange, allowing participants to explore the nuances of patent filing, copyright laws, and the strategic management of academic research. This collective engagement not only enhances the individual expertise of the faculty but also strengthens the broader academic ecosystem, ensuring that the principles of innovation and legal protection are effectively disseminated to the next generation of students and researchers.

### **7. Outcomes/Achievements**

The **Outcomes and Achievements** of a state-level workshop on IPR reflect the success of the event in moving from theory to practice. Below are the outcomes of the activity.

#### **1. Enhanced Knowledge and Awareness (Qualitative Outcomes)**

- **Conceptual Clarity:** Participants achieved a clear understanding of the distinctions between Patents, Trademarks, Copyrights, Industrial Designs, and Geographical Indications (GI).
- **Demystification of Legalities:** Reduction in the "fear" of the legal process, with participants feeling more confident about navigating the IP filing system.
- **Ethical Awareness:** Increased sensitivity toward plagiarism, patent infringement, and the importance of respecting others' intellectual property.

#### **2. Skill Development and Capacity Building**

- **Proficiency in Prior Art Search:** Participants learned how to use databases (like WIPO's PATENTSCOPE or India's In PASS) to check if their idea is truly unique before investing in it.
- **Drafting Capabilities:** Improved ability among researchers and students to draft basic patent specifications and technical disclosures.
- **Commercialization Strategies:** Creators gained knowledge on how to license their work or use IP as collateral for seeking business loans and venture capital.

#### **3. Quantitative Achievements**

- **Increased IP Filings:** A measurable spike in the number of provisional patent applications, trademark registrations, or copyright filings from the state following the event.
- **GI Identification:** Successful identification of specific regional products (handicrafts, agricultural goods) those are eligible for **Geographical Indication (GI)** protection.
- **Creation of a Resource Pool:** The development of a local network of "IP Ambassadors" or mentors who can provide ongoing guidance to others in the state.

#### 4. Socio-Economic Impact

- **Protection of Traditional Knowledge:** Documentation and protection of the state's traditional medicinal practices or crafts, preventing "Bio-piracy."
- **Economic Empowerment:** Empowering local artisans and MSMEs to brand their products through trademarks, leading to higher market value and export potential.
- **Boost to State Rankings:** Contribution to the state's performance in national innovation indices (like the India Innovation Index), making the region more attractive for "Ease of Doing Business."

It is very useful move on the part of the government to provide financial assistance through schemes like PM-USHA to strengthen colleges and the process of higher education. As result institutions are likely to organize workshop on Intellectual property rights for all researchers.

#### 9. Feedback/Response:

##### 1. Quantitative Analysis

Overall, the feedback is **exceptionally positive**, with the vast majority of scores falling between **9 and 10**.

- **High Scores:** A significant number of participants (e.g., Sangam Gaikwad, Punam Vaidya, Dr. Sonali Gaikwad, and several others) gave perfect **10/10/10** ratings across all categories.
- **Average Ratings:** Most participants rated the workshop between 8 and 10.
- **Outliers:** The lowest rating provided was a **5** for "Delivery" (Amol Devidasrao Mugal) and a **6** for "Delivery" (Satish Vishnu Kale), though their facilitator and content scores remained higher.

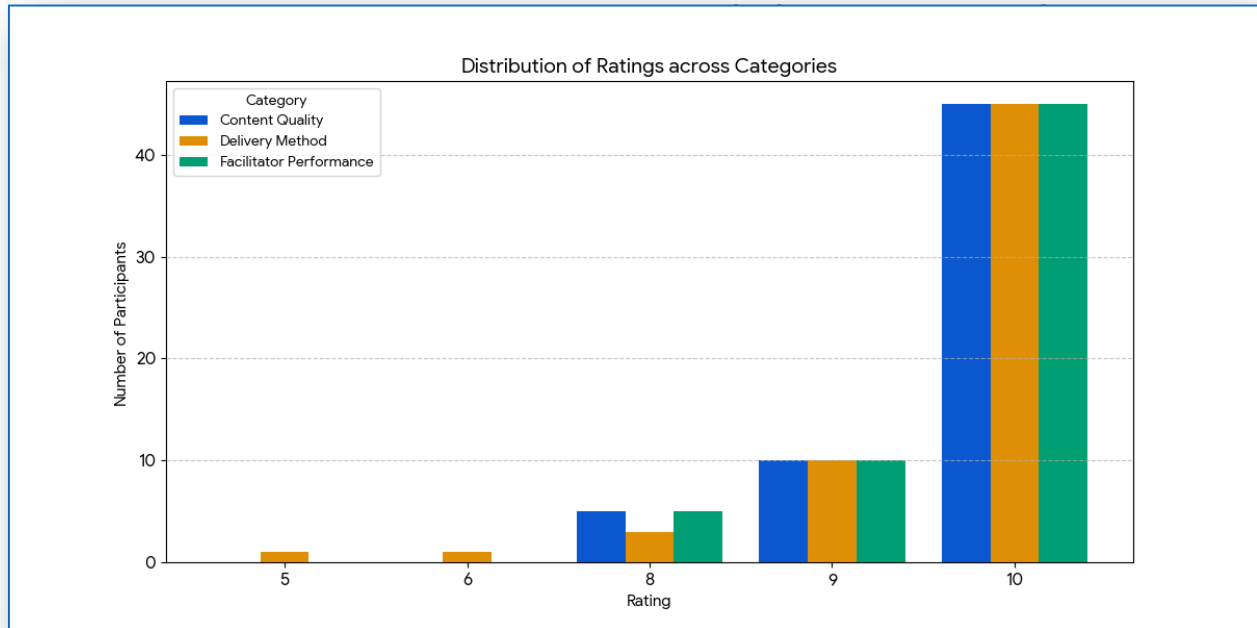
##### 2. Key Qualitative Feedback

The "Additional Comments" column highlights several recurring themes:

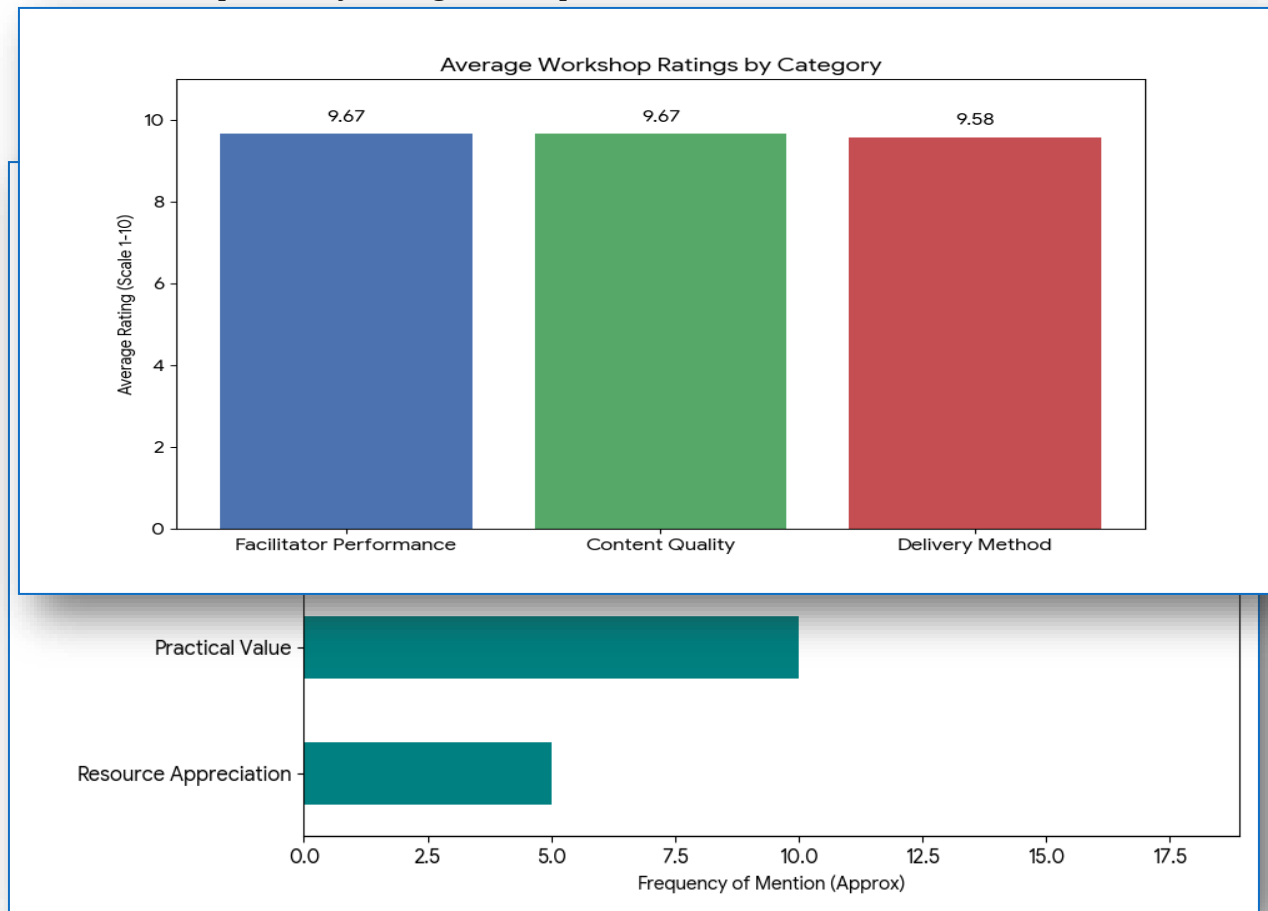
- **Quality of Instruction:** Resource persons were described as "quality experts," "knowledgeable," and "enthusiastic."
- **Organization:** Participants praised the workshop as being "very well organized" (Trupti Shrirame) and an "excellent organization" (Pratibha Chikhali).
- **Impact on Knowledge:** Many noted it improved the ironer standing of research,

innovation, and "patent misunderstanding tactics" (Kumar Kiran Padghan).

- **Resource Appreciation:** Specific mentions were made of the **MSFDA**(Maharashtra State Faculty Development Academy) for arranging the program.



The workshop was a **resounding success**. Participants left with a high degree of satisfaction, specifically citing the expertise of the facilitators and the relevance of





Photographs of State Level Workshop on “IPR”

**Short Term Computer Training Program for Non-Teaching Staff**  
**“10<sup>th</sup> and 11<sup>th</sup> February 2025”**  
**Extension Activity**

The Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana, has been organized and successfully conducted **“Short-Term Computer Training Program”** for all Non-Teaching Staff members dated on **10<sup>th</sup> and 11<sup>th</sup> February 2025**.

After completion of this workshop the participants [non-teaching] can be handled various software's like, MS- word, MS-Excel, Power Point Presentation and its advance tools, Online Transitions & IT applications its different features.

Dr. V. U. Pochhi, Principal and IQAC Coordinator, presided over the program, which was inaugurated by the Chief Guest, Dr. G. M. Dongre, Head of the Department of Chemistry, in the presence of Dr. S. I. Jukkalkar, Head of the Department of English.

Departmental Faculty Members of our college given the training of all participants on different concepts. Total 15- participants were attended and successfully completed this training program.

This program was successfully completed under the good coordination of Dr. A. B. Kadam Convener & Dr. M. E. Jadhav Coordinator, Dr. S. S. Gaikwad Organizing Secretary with support of Mr. A. R. Tayde.



The inaugural speech was delivered by the Chief Guest, Dr. G. M. Dongare.

## Organized “Poster Presentation Competition”

### On the occasion of National Science Day

Every year, our department celebrates the “**National Science Day**” on the birth anniversary of Sir. C. V. Raman on 28<sup>th</sup> day of **February** during this session, the program was organized on **11/02/2026**. For the Inaugural ceremony Dr. P. R. Padole, Principal (President) was preside over the function and Prof. (Dr.) V.U. Pochhi IQAC-Coordinator was present as a chief guest & Dr. G. K. Reddy was the judged this competition. Total **56- U. G. Students** were actively participated in this **Poster Presentation Competition** from the B. Sc. I, II & III year.

This competition concluded after the judge’s remark and declaration results. The first prize is goes to Miss. Snehal Pawar & Miss. Uttkarsha Joshi from B. Sc. I Year , the second prize is goes to Mr. Pratik Parikhar from B. SC. II year, the Third prize is goes to Mr. Mayuresh Mahimane & Shivshankar Kapse from B. Sc. III year & Consolation prize is goes to Miss. Komal Bhagat & Miss. Sakshi Hanvate from B. Sc. III year.

Dr. A. B. Kadam HOD & Converner delivered introductory speech whose main focus were on remarkable contribution and dedication of Sir C. V. Raman and other scientist in the field of Science, Engineering and Technology, Dr. A. B. Kadam HOD, Convener of this Competition. Dr. Mukti E. Jadhav Member and Dr. Sonali Gaikwad, Coordinator guided the students with support of Mr. A. R. Tayade, Lab attendant.



**Photographs of Poster Presentation Competition [ Date: 11<sup>th</sup> November 2026 ]**

**Hands on Training on MS Office Suite and Introduction to Internet**  
**Sponsored by PM-USHA Scheme-Strengthening College 3.0**

**Date:-06-02-2026 to 09-02-2026**

**Activity:** The course is designed for undergraduate students in the fields of science, arts, and commerce. It focuses on awareness and how to use the MS-Office Suite effectively.

**Aim:** -To develop essential MS-Office skills that enhance students' employability, academic efficiency, and professional competence.

**Date:** - 06/02/2026 to 09/02/2026

**Name of Organizer:** - Dr. P. R. Padole, Principal, Shri Shivaji Science and Arts College, Chikhli.

**IQAC Coordinator:** - Dr.V. U. Pochhi

**PM-USHA Coordinator:** - Dr. S. I. Jukkalkar

**Convener:** - Dr. A. B. Kadam, HOD, Department of Computer Science

**Organizing Secretary:** - Dr. M. E. Jadhav

**Coordinator:** -Dr. S. S. Gaikwad

**Number of student participants:** 50

The Department of Computer Science at Shri Shivaji Science and Arts College successfully organized a dynamic Hands-on Training Programme on MS Office Suite and Introduction to the Internet from 06th to 09th February 2026, witnessing the enthusiastic participation of nearly 50 undergraduate students.

The programme commenced with an inspiring inaugural ceremony presided over by Dr. P. R. Padole, Principal, in the esteemed presence of Dr. V. U. Pochhi, IQAC Coordinator, and Dr. S. I. Jukkalkar, PM-USHA Coordinator. During the opening address, Dr. A. B. Kadam presented a comprehensive overview of the course, underscoring its strategic importance in strengthening students' technical capabilities, enhancing digital literacy, and fostering employability-oriented competencies essential in today's technology-driven environment. The inaugural session concluded with a heartfelt vote of thanks delivered by Dr. M. E. Jadhav.

Throughout the programme, participants engaged in intensive practical sessions covering MS Word, MS Excel, and MS PowerPoint, complemented by foundational exposure to Internet applications. The training emphasized experiential learning, enabling students to apply concepts in real-time through guided assignments, structured exercises, and evaluative assessments. This systematic approach ensured measurable skill development and strengthened their confidence in using essential digital tools.

The Valedictory Programme was held on 09th February 2026, marking the successful culmination of the initiative. On this occasion, Dr. A. B. Kadam reflected on the academic relevance and long-term professional value of the training, encouraging students to continuously upgrade their digital competencies. The programme concluded formally with a gracious vote of thanks delivered by Dr. S. S. Gaikwad, bringing the enriching three-day learning experience to a memorable close.

- Department of computer science organize a three-day Hands-on Training Program on the MS Office Suite and Introduction to the Internet for Workplace and Business Applications. The program was conducted from 06 February 2026 to 08 February 2026.
- A detailed brochure outlining the objectives, schedule, and registration procedure was prepared and circulated through the official WhatsApp groups of all classes. Students were directed to complete the registration formalities in person at the Department of Computer Science within the specified registration period.

- The training sessions were conducted daily from 8:00 AM to 10:00 AM. Practical sessions were held each day from 5:00 PM to 6:30 PM, excluding institutional holidays.
- All lectures and practical sessions were conducted in the Computer Laboratory of the Department of Computer Science, equipped with the necessary hardware, software, and internet facilities.
- Continuous assessments were conducted during the hands-on sessions to evaluate participants' understanding and practical performance.
- A total of fifty (50) students successfully completed the hands-on training program.
- Certificates of completion were awarded to all participants upon successful completion of the course at the concluding session

**Certificate Course on Working with MS-Excel**  
**Sponsored by PM-USHA Scheme-Strengthening College 3.0**  
**Organized by**  
**Department of Commerce in Collaboration with Department of Computer Science**  
**(2025-26)**

**Date: -10-02-2026 to 24-02-2026**

**Activity:** - The course for undergraduate and postgraduate students for commerce faculty on Awareness and able the claim with proficiency and advanced tricks and ideas in MS-Excel.

**Aim:** -To make our students aware through MS-Excel training, helping them improve their job marketability, enhance academic performance, and build confidence and productivity in the workplace.

**Notice:** - Leaflet is attached with this action taken report

**Date:** -10/02/2026 to 24/02/2026

**Name of Organizer:** -Dr. P. R. Padole, Principal, Shri Shivaji Science and Arts College, Chikhli.

**IQAC Coordinator:** - Dr.V. U. Pochhi

**PM-USHA Coordinator:** - Dr. S. I. Jukkalkar

**Convener:** - Dr. A. B. Kadam, HOD, Department of Computer Science

**Coordinator:** -Dr. M. E. Jadhav

**Organizing Secretary:** - Dr. S. S. Gaikwad

**Number of student participants:** 100

The Department of Commerce, in collaboration with the Department of Computer Science of Shri Shivaji Science and Arts College, Chikhli, organized a Certificate Course on Working with MS-Excel from 10th February 2026 to 24th February 2026. Around 100 undergraduate and postgraduate students from the college registered for this program.

The inaugural session of the program commenced at 08:00 A.M. The program was presided over by Dr. P. R. Padole, Principal of Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. The distinguished dignitaries present on the dais included IQAC Coordinator Dr. V. U. Pochhi and PM-USHA Coordinator Dr. S. I. Jukkalkar.

During the inaugural address, Dr. A. B. Kadam delivered a comprehensive introduction to the course, highlighting its significance in fostering awareness, enhancing technical proficiency, and imparting advanced techniques and practical applications in MS-Excel. He emphasized that the course is designed to strengthen students' employability skills, support academic excellence, and enhance confidence and productivity in professional environments.

President Dr. P. R. Padole also shared his views with the students and emphasized the importance and relevance of the course. The inaugural program concluded with a vote of thanks delivered by Dr. M. E. Jadhav.

During the certificate course conducted from 10th February 2026 to 24th February 2026, students gained comprehensive knowledge of MS-Excel. The program was successfully completed with active participation from all enrolled students. The participants submitted assignments and successfully passed the examination with good marks.

The valedictory program was organized by the Department of Computer Science. On this occasion, HOD Dr. A. B. Kadam presented a complete summary of the certificate course and motivated students to apply the acquired knowledge in their future careers by explaining its importance and benefits. The program concluded with a vote of thanks delivered by Dr. S. S. Gaikwad.

- The Department of commerce with the collaboration of department of computer science organize a 15-Day Certificate Course on Working with MS-Excel for Workplace and Business. The course was conducted over a period of fifteen days, from 10th February 2026 to 24th February 2026, with the objective of enhancing students' practical knowledge of MS-Excel for professional and business applications.
- A detailed brochure containing information about the course objectives, syllabus, schedule, and registration procedure was prepared and circulated through the official WhatsApp groups of all classes. Interested students were instructed to complete the enrollment process by visiting the Department of Computer Science.
- The course was scheduled daily from 08:00 AM to 10:00 AM, Practical sessions were held each day from 5:00 PM to 6:30 PM, ensuring regular and systematic coverage of the syllabus within the stipulated duration.
- All lectures and hands-on practical sessions were conducted in the Computer Laboratory of the Department of Computer Science to provide students with real-time practical exposure and guided practice.
- Continuous assessment was carried out during the hands-on sessions. Students were evaluated periodically based on their practical performance, assignments, and task completion to ensure effective learning outcomes.
- A total of one hundred (100) students successfully completed the course by fulfilling the attendance and evaluation requirements.
- Upon successful completion of the course, certificates were formally distributed to the participants during the valedictory session.

- **Participation of Students in Academic/ Research Activities:**

- **Research Scholar Paper Presented:**

- **Ms. Anjali Kumavat**, Adarsh Journal of Research Evaluation (AJRE).
- **Mr. Chantrakant Patorkar**, International Journal of Scientific Research in Science and Technology Available online at [www.ijrst.com](http://www.ijrst.com) [doi:<https://doi.org/10.32628/IJSRST>]
- **Ms. Shubhangi Phalke**, International Journal of Scientific Research in Science and Technology Available online at : [www.ijrst.com](http://www.ijrst.com) [doi:<https://doi.org/10.32628/IJSRST>]

- **Participation of Teachers in Academic/ Research Activities:**

During the academic session **2025-26**, teachers of our department have enthusiastically participated in many academic/research activities.

**Book published with ISBN No., Without ISBN No.**

➤ **Dr. M. E. Jadhav** has been **Edited Book** A Textbook

| Sr. No. | Publication Type | Title of Book                                                                                                              | Publisher Details                  | ISBN No.          | Publication Year      |
|---------|------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|-----------------------|
| 1.      | Book Edited      | A Textbook of Computer Science Major Thory -2<br>B.Sc.Part II, Sem-III<br>“ <b>Relational Database Management System</b> ” | Dnyanpath Publication<br>Amravati. | 978-93-6409-898-4 | Nov-2025<br>[2025-26] |

➤ **Details of Patent/ Copyright:** **Dr. M. E. Jadhav** has been Granted a patent

| Patent Type | Patent Name                   | Patent No  | Status  | Reg. Date  | Published Date |
|-------------|-------------------------------|------------|---------|------------|----------------|
| Indian      | Skin Disease Detection Device | 466906-001 | Granted | 23/07/2025 | 26/03/2026     |

➤ **Publication of research paper in peer reviewed journals, Non peer reviewed journals,Conference Proceeding, Impact factor, Citation, Index No./Scopus.**

**Dr. A. B. Kadam** has been published paper

| Sr. No. | Titles of paper                                                                                                  | Name of Journals                                                                                                                                                                          | ISSN No.                                                      | Impact Factor | National/ International | PageNo. |
|---------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------|-------------------------|---------|
| 1       | A Smart IoT System for Cotton Plant Disease Identification and Environmental Parameter Tracking. March 2025.     | International Journal of Scientific Research in Science and Technology Available online at :<br>www.ijrst.com [d o i :<br>h t t p<br>s://doi.org/10.32628/IJ<br>SRST] Print ISSN:<br>2395 | Print<br>ISSN:<br>2395-6011<br>  Online<br>ISSN:<br>2395-602X | --            | International           | 551-547 |
| 2       | A Critical Study of Deepfake Image Detection Methods: Techniques, Challenges, and Future Directions. March 2025. | International Journal of Scientific Research in Science and Technology Available online at :<br>www.ijrst.com [d o i :<br>h t t p<br>s://doi.org/10.32628/IJ<br>SRST]                     | Print<br>ISSN:<br>2395-6011<br>  Online<br>ISSN:<br>2395-602X | --            | International           | 551-547 |

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|---|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|----|----------|-----------|
| 3 | Optimizing Cotton Crop Health Monitoring Using Smart Farming Techniques and Sensor Based Systems. Special Issue-2025 | Adarsh Journal of Research Evaluation (AJRE)                                                | 2277-3983 | -- | National | 1444-1456 |
| 4 | IOT-Based Precision Agriculture: Soil Nutrient Analysis. Special Issue-2025                                          | Adarsh Journal of Research Evaluation (AJRE) [d o i : h t t p s://doi.org/10.32628/IJ SRST] | 2277-3983 | -- | National | 1096-1099 |

➤ **Dr. M.E. Jadhav Paper Published**

| Sr. No. | Titles of paper                                                                                                       | Name of Journals                                         | ISSN No.               | Impact Factor | National/ International | Page No. |
|---------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------|---------------|-------------------------|----------|
| 1       | Effectiveness of Histogram Equalization and Ensemble Deep Learning Techniques for Detecting Autism Using Eye-Tracking | Springer Nature, March 2026                              | ISSN (2662-995X)       | Scopus        | International           | 1-29     |
| 2       | Statistical Analysis of Tuberculosis before and after COVID-19 and various Diagnostic Techniques                      | Journal of Xidian University, Feb 2026                   | ISSN No:1001-2400      | Scopus        | International           | 419-425  |
| 3       | Breaking Cryptography with Quantum Simulators: A Performance Study of Qiskit, Cirq, and QuTiP                         | IEEE-Xplore, indexing in databases like Scopus, Jan 2026 | ISBN:979-8-3315-2276-6 | Scopus        | International           | 1-4      |
| 4       | Explore the Traditional and Innovative Detection Techniques of Cholesterol                                            | Goya Publication                                         | ISSN N0 : 0017 - 2715  | peer-reviewed | International           | 1-4      |
| 5       | Beyond Silence: Enhancing Accessibility for the Deaf and Mute through                                                 | Conference Souvenir, International Conference on         |                        | peer-reviewed | International           | 1        |

|  |                 |                                                                                                                                                                                 |  |  |  |  |
|--|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|  | ISLR Innovation | Digital Technology and Engineering (ICDTE -2025)<br>16th & 17th October, 2025 ,by RV Educational Institutions Rv Institute Of Technology And Management(R) Bengaluru, Karnataka |  |  |  |  |
|--|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

➤ **Dr. S. S. Gaikwad Paper Published**

| <b>Sr. No.</b> | <b>Titles of paper</b>                                            | <b>Name of Journals</b>                                                                                                                       | <b>National/ International</b> | <b>Page No.</b> |
|----------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------|
| 1              | Integrating LoRaWAN technology: a remote sensor network oversight | IET Conference Proceedings. 2024(38):355-357<br><br><a href="https://doi.org/10.1049/icp.2025.0878">https://doi.org/10.1049/icp.2025.0878</a> | International                  | 1-5             |

(Dr. A. B. Kadam)