### Yashwantrao Chawhan Arts, Commerce and science College, Lakhandur, Dist. – Bhandara. Internal Quality Assurance Cell (IQAC)

#### **SUMMERY REPORTS 2018-19**

Name of Organizing Department / Committee: Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Environmental & Water Management

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 36** 

Name of Teacher In-charge / Convener: Dr. Sudhir M. Maskey, (Coordinator- Certificate Course in Environmental & Water Management).

Names of Other Committee Members / Staff: Prof. Shailesh K. Bhagat, Prof. Pankaj V. Ledade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Environmental & Water Management aims to provide participants with comprehensive knowledge and skills necessary for effective management of environment and water resources.

**Outcomes:** Upon completion of the course, participants gain:

A comprehensive understanding of environmental & water management principles, techniques, and challenges.

Practical skills in water resource assessment, conservation, and quality management.

Knowledge of relevant policies, regulations, and governance frameworks.

The ability to analyze and address water-related issues in diverse contexts.

Enhanced capacity for community engagement and participation in environmental & water management initiatives.

**Conclusion:** The Certificate Course in Environmental & Water Management equips participants with the knowledge, skills, and competencies necessary to address the complex challenges associated with water resources. By fostering a multidisciplinary approach and practical learning experiences, the course empowers individuals to contribute effectively to sustainable environmental & water management practices.

#### **Soft Skill Activity: 2**

Name of Organizing Department / Committee: Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Biofertilizer & Biopesticides Preparation

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 36** 

**Name of Teacher In-charge / Convener:** Dr. Rakesh U. Thakare, (Coordinator- Certificate Course in Biofertilizer & Biopesticides Preparation).

Names of Other Committee Members / Staff: Dr. Raju U. Gadpayle.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Bifertilizer and Biopesticides Preparation is designed to equip participants with the knowledge and skills necessary to produce environmentally friendly and sustainable agricultural inputs. Bifertilizers are formulations that combine both fertilizer and biofertilizer components, while biopesticides are naturally derived alternatives to chemical pesticides.

**Objectives:** The primary objectives of the certificate course are as follows:

To educate participants about the benefits of using bifertilizers and biopesticides in agriculture.

To provide practical training in the production techniques of bifertilizers and biopesticides.

To impart knowledge about quality control measures and regulatory requirements.

To promote sustainable agricultural practices and reduce reliance on chemical inputs.

To empower participants to become advocates for environmentally friendly farming methods.

**Outcomes:** Upon completion of the certificate course, participants are expected to:

Understand the principles and importance of bifertilizers and biopesticides in sustainable agriculture.

Demonstrate proficiency in the production techniques of bifertilizers and biopesticides.

Implement quality control measures to ensure the effectiveness and safety of agricultural inputs.

Apply knowledge gained to their own farming practices or agricultural businesses.

Contribute to the promotion of environmentally friendly farming practices in their communities.

**Conclusion:** The Certificate Course in Bifertilizer and Biopesticides Preparation plays a crucial role in promoting sustainable agriculture and reducing the environmental impact of conventional farming methods. By equipping participants with the necessary knowledge and skills, the course helps to foster a culture of innovation and environmental stewardship in the agricultural sector.

### Activity Reports of Initiatives Taken To Develop Language And Communication Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Spoken English	13-03-2019	40	Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".
2.	Certificate Course in Teaching in Marathi Language for Non-Marathis'	13-03-2019	20	Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".
3.	Certificate Course in Pali Language Speaking	13-03-2019	40	Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

## REPORTS ON LANGUAGE AND COMMUNICATION SKILL ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2018-2019

Language and Communication Skill Activity: 1

Name of Organizing Department / Committee: IQAC, and Department of English.

Name / Title of Activity: Certificate Course in "Spoken English"

**Date of Activity:** 13-03-2019 to 30-04-2019.

Place / Venue of Activity: Department of English, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. Rakesh P. Wasnik, (Course Coordinator-Certificate Course in "Spoken English"),

Names of Other Committee Members / Staff: Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Spoken English was conducted with the aim of enhancing participants' communication skills in the English language. The course was designed to cater to individuals/ students from diverse backgrounds, who sought to improve their spoken English proficiency for personal and professional growth.

#### **Objectives:**

To develop fluency and confidence in spoken English.

To enhance vocabulary and pronunciation skills.

To improve listening comprehension and conversational abilities.

To provide practical training in real-life communication scenarios.

#### **Assessment and Certification:**

Assessment was conducted through regular quizzes, oral presentations, and performance evaluations. Participants were required to demonstrate proficiency in spoken English through speaking assessments and comprehension tests. Upon successful completion of the course and passing the final assessment, participants were awarded a Certificate of Proficiency in Spoken English.

#### **Outcomes:**

Enhanced fluency and confidence in spoken English.

Expanded vocabulary and improved grammar proficiency.

Increased ability to comprehend and respond effectively in English conversations.

Improved pronunciation and accent clarity.

Development of essential communication skills applicable in various personal and professional contexts.

**Conclusion:** The Certificate Course in Spoken English provided participants with valuable skills and confidence to communicate effectively in the English language. By focusing on practical application and personalized instruction, the course facilitated significant improvement in spoken English proficiency among student participants from diverse backgrounds.

#### Language and Communication Skill Activity: 2

Name of Organizing Department / Committee: IQAC, and Department of Marathi.

Name / Title of Activity: Certificate Course in Teaching in Marathi Language for Non-Marathis'.

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Prof. Bhojraj V. Bodele, (Course Coordinator-Certificate Course in Teaching in Marathi Language for Non-Marathis'),

Names of Other Committee Members / Staff: Prof. K Z. Lade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is designed to facilitate the acquisition of teaching skills specifically tailored for individuals who are not native Marathi speakers.

#### **Course Objectives:**

To familiarize non-Marathi speakers with the fundamentals of the Marathi language.

To equip participants with effective teaching strategies and methodologies for teaching Marathi language and culture.

To enhance participants' understanding of Marathi language pedagogy and linguistics.

To develop participants' proficiency in spoken and written Marathi for instructional purposes.

To empower participants to create inclusive and engaging learning environments for Marathi language learners.

#### **Course Outcomes:**

Participants will gain a comprehensive understanding of the Marathi language, including its phonetics, grammar, and syntax.

Participants will develop proficiency in spoken and written Marathi, enabling them to effectively communicate and instruct in the language.

Participants will acquire pedagogical skills and strategies for teaching Marathi language and culture to non-native speakers.

Participants will be able to create engaging lesson plans, activities, and assessments tailored to the needs of Marathi language learners.

Participants will be equipped to foster a supportive and inclusive learning environment that promotes linguistic and cultural diversity.

**Conclusion:** The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is a valuable initiative aimed at bridging linguistic and cultural barriers in education. By empowering educators with the necessary skills and knowledge, the course contributes to the promotion and preservation of the Marathi language and culture. Moving forward, ongoing support and professional development opportunities are essential to sustain the impact of the course and advance the field of Marathi language teaching.

#### Language and Communication Skill Activity: 3

Name of Organizing Department / Committee: IQAC, and Department of Pali.

Name / Title of Activity: Certificate Course in "Pali Language Speaking".

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. H. G. Borkar, (Course Coordinator- Certificate Course in Pali Language Speaking),

#### Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The certificate course in Pali language speaking aims to provide participants with a comprehensive understanding of the Pali language, an ancient language primarily used in the early Buddhist scriptures.

#### **Objectives:**

To introduce participants to the fundamentals of the Pali language.

To develop participants' speaking, reading, writing, and comprehension skills in Pali.

To provide insights into the cultural and historical context of Pali language usage.

To equip participants with the ability to engage with Pali texts and scriptures effectively.

**Outcomes:** Upon successful completion of the certificate course, participants are expected to: Have a foundational understanding of the Pali language.

Demonstrate proficiency in speaking, reading, writing, and comprehension.

Be able to engage with Pali texts and scriptures with confidence.

Appreciate the cultural and historical context of Pali language usage.

**Conclusion:** The certificate course in Pali language speaking serves as a valuable platform for individuals interested in delving into the rich linguistic and cultural heritage of Pali. By providing a structured curriculum and interactive learning environment, the course equips participants with the necessary skills to explore and engage with Pali texts effectively.

# Activity Reports of Initiatives Taken To Develop ICT/Computing Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Basic of Computer Fundamental	13-03-2019	60	Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".
2.	Certificate Course in Basic Concept of Accounting & Statistics	13-03-2019	40	Department of Life Long Learning & Extension, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

## REPORTS ON ICT/COMPUTING SKILLS ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2018-2019

**ICT/Computing Skills Activity: 1** 

Name of Organizing Department / Committee: IQAC, and Department of Computer Science.

Name / Title of Activity: Certificate Course in "Basic of Computer Fundamental".

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

**Number of Participants: 60** 

Name of Teacher In-charge / Convener: Prof. Harikrishna Diwathe, (Course Coordinator-Certificate Course in "Basic of Computer Fundamental").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basics of Computer Fundamentals aimed to equip participants with foundational knowledge and skills essential for navigating the digital landscape. The course provided an overview of key concepts in computer science, hardware, software, and practical applications.

#### **Learning Outcomes:**

**Understanding of Computer Basics:** Participants gained a solid understanding of fundamental computer concepts, including hardware components, software types, and their functionalities.

**Practical Skills:** Hands-on sessions enabled participants to develop practical skills in using computers, operating systems, and basic software applications.

**Critical Thinking:** Participants learned to analyze problems and make informed decisions related to computer usage and troubleshooting.

**Communication and Collaboration:** Group activities fostered teamwork and communication skills essential for collaborating in digital environments.

#### **Assessment and Evaluation:**

Continuous Assessment: Participants were assessed through quizzes, assignments, and practical exercises throughout the course.

#### **Participant Feedback:**

**Overall Satisfaction:** Feedback from participants indicated a high level of satisfaction with the course content, delivery, and instructor support.

**Relevance:** Participants found the course highly relevant to their educational and professional goals, providing them with essential skills for the digital age.

**Conclusion:** The Certificate Course in Basics of Computer Fundamentals successfully equipped participants with foundational knowledge and practical skills essential for navigating the increasingly digital world. The course received positive feedback from participants, highlighting its relevance and effectiveness in meeting their learning objectives.

#### **ICT/Computing Skills Activity: 2**

Name of Organizing Department / Committee: IQAC, and Department of Commerce.

Name / Title of Activity: Certificate Course in "Basic Concept of Accounting & Statistics".

**Date of Activity:** 13-03-2019 to 30-04-2019.

**Place / Venue of Activity:** Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Life Long Learning & Extension,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, under "Jeevan Shikshan Courses".

#### **Number of Participants: 40**

Name of Teacher In-charge / Convener: Dr. Rita R. Raut, (Course Coordinator- Certificate Course in "Basic Concept of Accounting & Statistics").

Names of Other Committee Members / Staff: Prof. Vinod Barde.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basic Concepts of Accounting and Statistics is designed to provide participants with fundamental knowledge and skills in two critical areas: accounting and statistics.

#### **Objectives:**

To familiarize participants with the basic principles and concepts of accounting.

To enable participants to understand financial statements and their interpretation.

To introduce participants to statistical concepts and techniques used in data analysis.

To equip participants with essential skills for decision-making based on financial and statistical information.

#### **Benefits:**

**Enhanced Financial Literacy:** Participants gain a solid understanding of accounting principles, enabling them to interpret financial statements accurately.

**Improved Decision Making:** Knowledge of statistics equips participants with analytical tools to make informed decisions based on data.

**Career Advancement:** Completion of the course enhances participants' credentials and opens up opportunities for roles requiring financial and statistical expertise.

**Practical Skills:** Hands-on exercises and case studies provide participants with practical experience in applying accounting and statistical concepts to real-world scenarios.

**Conclusion:** The Certificate Course in Basic Concepts of Accounting and Statistics offers a valuable opportunity for individuals to acquire essential skills in two vital areas of business and decision-making. By providing a structured curriculum, practical exercises, and expert guidance, the course equips student participants with the knowledge and confidence to navigate financial and statistical challenges effectively.

Y. C. College, Lakhandur Dist, Bhandara

#### **SUMMERY REPORTS 2019-20**

Name of Organizing Department / Committee: Department of Music, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of Activity: Certificate Course in Basic of Music (Vocal)

**Date of Activity:** 13-03-2020 to 30-04-2020.

Place / Venue of Activity: Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Music, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Prof. H. G. Borkar, (Coordinator- Certificate Course in Basic of Music (Vocal)).

Names of Other Committee Members / Staff: --

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: A Certificate Course on the Basics of Vocal Music typically covers fundamental concepts such as pitch, rhythm, tone production, breathing techniques, and basic music theory. Students often learn through a combination of theoretical study and practical exercises, including vocal warm-ups, scales, and simple songs. The course may also include instruction on sight-reading and ear training. Upon completion, students should have a solid foundation in vocal technique and music literacy.

#### **Soft Skill Activity: 2**

Name of Organizing Department / Committee: Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Environmental & Water Management.

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 36** 

Name of Teacher In-charge / Convener: Dr. Sudhir M. Maskey, (Coordinator- Certificate Course in Environmental & Water Management).

Names of Other Committee Members / Staff: Prof. Shailesh K. Bhagat, Prof. Pankaj V. Ledade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Environmental & Water Management aims to provide participants with comprehensive knowledge and skills necessary for effective management of environment and water resources.

**Outcomes:** Upon completion of the course, participants gain:

A comprehensive understanding of environmental & water management principles, techniques, and challenges.

Practical skills in water resource assessment, conservation, and quality management.

Knowledge of relevant policies, regulations, and governance frameworks.

The ability to analyze and address water-related issues in diverse contexts.

Enhanced capacity for community engagement and participation in environmental & water management initiatives.

**Conclusion:** The Certificate Course in Environmental & Water Management equips participants with the knowledge, skills, and competencies necessary to address the complex challenges associated with water resources. By fostering a multidisciplinary approach and practical learning experiences, the course empowers individuals to contribute effectively to sustainable environmental & water management practices.

#### **Soft Skill Activity: 3**

Name of Organizing Department / Committee: Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Biofertilizer & Biopesticides Preparation.

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 36** 

**Name of Teacher In-charge / Convener:** Dr. Rakesh U. Thakare, (Coordinator- Certificate Course in Biofertilizer & Biopesticides Preparation).

Names of other Committee Members / Staff: Dr. Raju U. Gadpayle.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Bifertilizer and Biopesticides Preparation is designed to equip participants with the knowledge and skills necessary to produce environmentally friendly and sustainable agricultural inputs. Bifertilizers are formulations that combine both fertilizer and biofertilizer components, while biopesticides are naturally derived alternatives to chemical pesticides.

**Objectives:** The primary objectives of the certificate course are as follows:

To educate participants about the benefits of using bifertilizers and biopesticides in agriculture.

To provide practical training in the production techniques of bifertilizers and biopesticides.

To impart knowledge about quality control measures and regulatory requirements.

To promote sustainable agricultural practices and reduce reliance on chemical inputs.

To empower participants to become advocates for environmentally friendly farming methods.

**Outcomes:** Upon completion of the certificate course, participants are expected to:

Understand the principles and importance of bifertilizers and biopesticides in sustainable agriculture.

Demonstrate proficiency in the production techniques of bifertilizers and biopesticides.

Implement quality control measures to ensure the effectiveness and safety of agricultural inputs.

Apply knowledge gained to their own farming practices or agricultural businesses.

Contribute to the promotion of environmentally friendly farming practices in their communities.

**Conclusion:** The Certificate Course in Bifertilizer and Biopesticides Preparation plays a crucial role in promoting sustainable agriculture and reducing the environmental impact of conventional farming methods. By equipping participants with the necessary knowledge and skills, the course helps to foster a culture of innovation and environmental stewardship in the agricultural sector.

### Activity Reports of Initiatives Taken To Develop Language And Communication Skills Amongst The Students Are:

Sr.	Name of the capacity	Period	Number	Name of the
No.	development and skills	(from date -	of	agencies/experts
	enhancement program	to date)	students	involved with contact
			enrolled	details (if any)
1.	Certificate Course in Spoken	13-03-2020	40	Department of English,
	English			Yashwantrao Chawhan
				College Lakhandur, Dist.

				Bhandara.
2.	Certificate Course in Teaching in Marathi Language for Non-Marathis'	13-03-2020	20	Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
3.	Certificate Course in Pali Language Speaking	13-03-2020	40	Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

## REPORTS ON LANGUAGE AND COMMUNICATION SKILL ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2019-2020

Language and Communication Skill Activity: 1

Name of Organizing Department / Committee: Department of English.

Name / Title of Activity: Certificate Course in "Spoken English"

**Date of Activity:** 13-03-2020 to 30-04-2020.

Place / Venue of Activity: Department of English, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. Rakesh P. Wasnik, (Course Coordinator-Certificate Course in "Spoken English"),

Names of Other Committee Members / Staff: Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Spoken English was conducted with the aim of enhancing participants' communication skills in the English language. The course was designed to cater to individuals/ students from diverse backgrounds, who sought to improve their spoken English proficiency for personal and professional growth.

#### **Objectives:**

To develop fluency and confidence in spoken English.

To enhance vocabulary and pronunciation skills.

To improve listening comprehension and conversational abilities.

To provide practical training in real-life communication scenarios.

#### **Assessment and Certification:**

Assessment was conducted through regular quizzes, oral presentations, and performance evaluations. Participants were required to demonstrate proficiency in spoken English through speaking assessments and comprehension tests. Upon successful completion of the course and passing the final assessment, participants were awarded a Certificate of Proficiency in Spoken English.

#### **Outcomes:**

Enhanced fluency and confidence in spoken English.

Expanded vocabulary and improved grammar proficiency.

Increased ability to comprehend and respond effectively in English conversations.

Improved pronunciation and accent clarity.

Development of essential communication skills applicable in various personal and professional contexts.

**Conclusion:** The Certificate Course in Spoken English provided participants with valuable skills and confidence to communicate effectively in the English language. By focusing on practical application and personalized instruction, the course facilitated significant improvement in spoken English proficiency among student participants from diverse backgrounds.

Language and Communication Skill Activity: 2

Name of Organizing Department / Committee: Department of Marathi.

Name / Title of Activity: Certificate Course in Teaching in Marathi Language for Non-Marathis'.

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Prof. Bhojraj V. Bodele, (Course Coordinator-Certificate Course in Teaching in Marathi Language for Non-Marathis'),

Names of Other Committee Members / Staff: Prof. K Z. Lade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is designed to facilitate the acquisition of teaching skills specifically tailored for individuals who are not native Marathi speakers.

#### **Course Objectives:**

To familiarize non-Marathi speakers with the fundamentals of the Marathi language.

To equip participants with effective teaching strategies and methodologies for teaching Marathi language and culture.

To enhance participants' understanding of Marathi language pedagogy and linguistics.

To develop participants' proficiency in spoken and written Marathi for instructional purposes.

To empower participants to create inclusive and engaging learning environments for Marathi language learners.

#### **Course Outcomes:**

Participants will gain a comprehensive understanding of the Marathi language, including its phonetics, grammar, and syntax.

Participants will develop proficiency in spoken and written Marathi, enabling them to effectively communicate and instruct in the language.

Participants will acquire pedagogical skills and strategies for teaching Marathi language and culture to non-native speakers.

Participants will be able to create engaging lesson plans, activities, and assessments tailored to the needs of Marathi language learners.

Participants will be equipped to foster a supportive and inclusive learning environment that promotes linguistic and cultural diversity.

**Conclusion:** The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is a valuable initiative aimed at bridging linguistic and cultural barriers in education. By empowering educators with the necessary skills and knowledge, the course contributes to the promotion and preservation of the Marathi language and culture. Moving forward, ongoing support and professional development opportunities are essential to sustain the impact of the course and advance the field of Marathi language teaching.

Language and Communication Skill Activity: 3

Name of Organizing Department / Committee: Department of Pali.

Name / Title of Activity: Certificate Course in "Pali Language Speaking".

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. H. G. Borkar, (Course Coordinator- Certificate Course in Pali Language Speaking),

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The certificate course in Pali language speaking aims to provide participants with a comprehensive understanding of the Pali language, an ancient language primarily used in the early Buddhist scriptures.

#### **Objectives:**

To introduce participants to the fundamentals of the Pali language.

To develop participants' speaking, reading, writing, and comprehension skills in Pali.

To provide insights into the cultural and historical context of Pali language usage.

To equip participants with the ability to engage with Pali texts and scriptures effectively.

#### **Outcomes:**

Upon successful completion of the certificate course, participants are expected to:

Have a foundational understanding of the Pali language.

Demonstrate proficiency in speaking, reading, writing, and comprehension.

Be able to engage with Pali texts and scriptures with confidence.

Appreciate the cultural and historical context of Pali language usage.

**Conclusion:** The certificate course in Pali language speaking serves as a valuable platform for individuals interested in delving into the rich linguistic and cultural heritage of Pali. By providing a structured curriculum and interactive learning environment, the course equips participants with the necessary skills to explore and engage with Pali texts effectively.

# Activity Reports of Initiatives Taken To Develop ICT/Computing Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact
	•	ŕ		details (if any)
1.	Certificate Course in Basic of Computer Fundamental	13-03-2020	60	Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
2.	Certificate Course in Basic	13-03-2020	40	Department of
	Concept of Accounting &			Commerce, Yashwantrao

Statistics			Chawhan College
			Lakhandur, Dist.
			Bhandara.
	Statistics	Statistics	Statistics

## REPORTS ON ICT/COMPUTING SKILLS ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2019-2020

**ICT/Computing Skills Activity: 1** 

Name of Organizing Department / Committee: Department of Computer Science.

Name / Title of Activity: Certificate Course in "Basic of Computer Fundamental".

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 60** 

Name of Teacher In-charge / Convener: Prof. Harikrishna Diwathe, (Course Coordinator-Certificate Course in "Basic of Computer Fundamental").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basics of Computer Fundamentals aimed to equip participants with foundational knowledge and skills essential for navigating the digital landscape. The course provided an overview of key concepts in computer science, hardware, software, and practical applications.

#### **Learning Outcomes:**

Understanding of Computer Basics: Participants gained a solid understanding of fundamental computer concepts, including hardware components, software types, and their functionalities. Practical Skills: Hands-on sessions enabled participants to develop practical skills in using computers, operating systems, and basic software applications.

Critical Thinking: Participants learned to analyze problems and make informed decisions related to computer usage and troubleshooting.

Communication and Collaboration: Group activities fostered teamwork and communication skills essential for collaborating in digital environments.

#### **Assessment and Evaluation:**

Continuous Assessment: Participants were assessed through quizzes, assignments, and practical exercises throughout the course.

#### **Participant Feedback:**

Overall Satisfaction: Feedback from participants indicated a high level of satisfaction with the course content, delivery, and instructor support.

Relevance: Participants found the course highly relevant to their educational and professional goals, providing them with essential skills for the digital age.

**Conclusion:** The Certificate Course in Basics of Computer Fundamentals successfully equipped participants with foundational knowledge and practical skills essential for navigating the increasingly digital world. The course received positive feedback from participants, highlighting its relevance and effectiveness in meeting their learning objectives.

**Registration Link / Google Form Link:-** Students were registered manually.

Activity with Newspaper Coverage if any: Nil

Screenshots of Events & Flyer:- N.A.

**ICT/Computing Skills Activity: 2** 

Name of Organizing Department / Committee: Department of Commerce.

Name / Title of Activity: Certificate Course in "Basic Concept of Accounting & Statistics".

**Date of Activity:** 13-03-2020 to 30-04-2020.

**Place / Venue of Activity:** Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. Rita R. Raut, (Course Coordinator- Certificate Course in "Basic Concept of Accounting & Statistics").

Names of Other Committee Members / Staff: Prof. Vinod Barde.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basic Concepts of Accounting and Statistics is

designed to provide participants with fundamental knowledge and skills in two critical areas: accounting and statistics.

#### **Objectives:**

To familiarize participants with the basic principles and concepts of accounting.

To enable participants to understand financial statements and their interpretation.

To introduce participants to statistical concepts and techniques used in data analysis.

To equip participants with essential skills for decision-making based on financial and statistical information.

#### **Benefits:**

**Enhanced Financial Literacy:** Participants gain a solid understanding of accounting principles, enabling them to interpret financial statements accurately.

**Improved Decision Making:** Knowledge of statistics equips participants with analytical tools to make informed decisions based on data.

**Career Advancement:** Completion of the course enhances participants' credentials and opens up opportunities for roles requiring financial and statistical expertise.

**Practical Skills:** Hands-on exercises and case studies provide participants with practical experience in applying accounting and statistical concepts to real-world scenarios.

**Conclusion:** The Certificate Course in Basic Concepts of Accounting and Statistics offers a valuable opportunity for individuals to acquire essential skills in two vital areas of business and decision-making. By providing a structured curriculum, practical exercises, and expert guidance, the course equips student participants with the knowledge and confidence to navigate financial and statistical challenges effectively.

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#### **SUMMERY REPORT 2020-21**

#### **Soft Skill Activity: 1**

Name of Organizing Department / Committee: Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Environmental & Water Management.

**Date of Activity:** 01-01-2021.

**Place / Venue of Activity:** Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. Sudhir M. Maskey, (Coordinator- Certificate Course in Environmental & Water Management).

Names of Other Committee Members / Staff: Prof. Shailesh K. Bhagat, Prof. Pankaj V. Ledade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Environmental & Water Management aims to provide participants with comprehensive knowledge and skills necessary for effective management of environment and water resources.

Outcomes: Upon completion of the course, participants gain:

A comprehensive understanding of environmental & water management principles, techniques, and challenges.

Practical skills in water resource assessment, conservation, and quality management.

Knowledge of relevant policies, regulations, and governance frameworks.

The ability to analyze and address water-related issues in diverse contexts.

Enhanced capacity for community engagement and participation in environmental & water management initiatives.

Conclusion: The Certificate Course in Environmental & Water Management equips participants with the knowledge, skills, and competencies necessary to address the complex challenges associated with water resources. By fostering a multidisciplinary approach and

practical learning experiences, the course empowers individuals to contribute effectively to sustainable environmental & water management practices.

**Recommendations:** To further enhance the course effectiveness, recommendations include: Integration of emerging technologies and innovations in environmental & water management. Collaboration with industry experts and stakeholders for practical insights and networking opportunities.

Continuous monitoring and evaluation of course outcomes to ensure relevance and effectiveness.

This report highlights the significance and impact of the Certificate Course in Environmental & Water Management in building capacity and fostering sustainable water management practices among participants.

#### **Soft Skill Activity:- 2**

Name of Organizing Department / Committee: Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: - Certificate Course in Biofertilizer & Biopesticides Preparation.

**Date of Activity:** 01-01-2021

**Place / Venue of Activity:-** Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):-Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants:- 25** 

Name of Teacher In-charge / Convener: - Dr. Rakesh U. Thakare, (Coordinator- Certificate Course in Biofertilizer & Biopesticides Preparation).

Names of Other Committee Members / Staff: Dr. Raju U. Gadpayle.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics:- The Certificate Course in Bifertilizer and Biopesticides Preparation is designed to equip participants with the knowledge and skills necessary to produce environmentally friendly and sustainable agricultural inputs. Bifertilizers are formulations that combine both fertilizer and biofertilizer components, while biopesticides are naturally derived alternatives to chemical pesticides.

#### **Objectives:**

The primary objectives of the certificate course are as follows:

To educate participants about the benefits of using bifertilizers and biopesticides in agriculture.

To provide practical training in the production techniques of bifertilizers and biopesticides.

To impart knowledge about quality control measures and regulatory requirements.

To promote sustainable agricultural practices and reduce reliance on chemical inputs.

To empower participants to become advocates for environmentally friendly farming methods.

#### **Outcomes:**

Upon completion of the certificate course, participants are expected to:

Understand the principles and importance of bifertilizers and biopesticides in sustainable agriculture.

Demonstrate proficiency in the production techniques of bifertilizers and biopesticides.

Implement quality control measures to ensure the effectiveness and safety of agricultural inputs.

Apply knowledge gained to their own farming practices or agricultural businesses.

Contribute to the promotion of environmentally friendly farming practices in their communities.

#### **Conclusion:**

The Certificate Course in Bifertilizer and Biopesticides Preparation plays a crucial role in promoting sustainable agriculture and reducing the environmental impact of conventional farming methods. By equipping participants with the necessary knowledge and skills, the course helps to foster a culture of innovation and environmental stewardship in the agricultural sector.

### Activity Reports of Initiatives Taken To Develop Language And Communication Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Spoken English	01-01-2021	35	Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
2.	Certificate Course in Teaching in Marathi Language for Non-Marathis'	01-01-2021	20	Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
3.	Certificate Course in Pali Language Speaking	01-01-2021	20	Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

### REPORTS ON LANGUAGE AND COMMUNICATION SKILL ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2020-2021

Language and Communication Skill Activity: 1

Name of Organizing Department / Committee: IQAC, and Department of English.

Name / Title of Activity: Certificate Course in "Spoken English"

**Date of Activity:** 01-01-2021.

Place / Venue of Activity: Department of English, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 35** 

Name of Teacher In-charge / Convener: Dr. Rakesh P. Wasnik, (Course Coordinator-Certificate Course in "Spoken English"),

Names of Other Committee Members / Staff: Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Spoken English was conducted with the aim of enhancing participants' communication skills in the English language. The course was designed to cater to individuals/ students from diverse backgrounds, who sought to improve their spoken English proficiency for personal and professional growth.

#### **Objectives:**

To develop fluency and confidence in spoken English.

To enhance vocabulary and pronunciation skills.

To improve listening comprehension and conversational abilities.

To provide practical training in real-life communication scenarios.

#### **Assessment and Certification:**

Assessment was conducted through regular quizzes, oral presentations, and performance evaluations. Participants were required to demonstrate proficiency in spoken English through speaking assessments and comprehension tests. Upon successful completion of the course and passing the final assessment, participants were awarded a Certificate of Proficiency in Spoken English.

#### **Outcomes:**

Enhanced fluency and confidence in spoken English.

Expanded vocabulary and improved grammar proficiency.

Increased ability to comprehend and respond effectively in English conversations.

Improved pronunciation and accent clarity.

Development of essential communication skills applicable in various personal and professional contexts.

#### **Conclusion:**

The Certificate Course in Spoken English provided participants with valuable skills and confidence to communicate effectively in the English language. By focusing on practical application and personalized instruction, the course facilitated significant improvement in spoken English proficiency among student participants from diverse backgrounds.

#### **Recommendations:**

Based on the success of the course, it is recommended to continue offering similar programs with additional levels to accommodate learners of different proficiency levels. Incorporating more opportunities for real-life communication practice and interactive learning experiences could further enhance the effectiveness of future courses.

#### Language and Communication Skill Activity: 2

Name of Organizing Department / Committee: IQAC, and Department of Marathi.

Name / Title of Activity: Certificate Course in Teaching in Marathi Language for Non-Marathis'.

**Date of Activity:** 01-01-2021.

**Place** / **Venue of Activity:** Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Prof. Bhojraj V. Bodele, (Course Coordinator-Certificate Course in Teaching in Marathi Language for Non-Marathis'),

Names of Other Committee Members / Staff: Prof. K Z. Lade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is designed to facilitate the acquisition of teaching skills specifically tailored for individuals who are not native Marathi speakers.

#### **Course Objectives:**

To familiarize non-Marathi speakers with the fundamentals of the Marathi language.

To equip participants with effective teaching strategies and methodologies for teaching Marathi language and culture.

To enhance participants' understanding of Marathi language pedagogy and linguistics.

To develop participants' proficiency in spoken and written Marathi for instructional purposes.

To empower participants to create inclusive and engaging learning environments for Marathi language learners.

#### **Course Outcomes:**

Participants will gain a comprehensive understanding of the Marathi language, including its phonetics, grammar, and syntax.

Participants will develop proficiency in spoken and written Marathi, enabling them to effectively communicate and instruct in the language.

Participants will acquire pedagogical skills and strategies for teaching Marathi language and culture to non-native speakers.

Participants will be able to create engaging lesson plans, activities, and assessments tailored to the needs of Marathi language learners.

Participants will be equipped to foster a supportive and inclusive learning environment that promotes linguistic and cultural diversity.

#### **Conclusion:**

The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is a valuable initiative aimed at bridging linguistic and cultural barriers in education. By empowering educators with the necessary skills and knowledge, the course contributes to the promotion and preservation of the Marathi language and culture. Moving forward, ongoing support and professional development opportunities are essential to sustain the impact of the course and advance the field of Marathi language teaching.

#### Language and Communication Skill Activity: 3

Name of Organizing Department / Committee: IQAC, and Department of Pali.

Name / Title of Activity: Certificate Course in "Pali Language Speaking".

**Date of Activity:** 01-01-2021.

Place / Venue of Activity: Department of Pali, Yashwantrao Chawhan College Lakhandur,

Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Dr. H. G. Borkar, (Course Coordinator- Certificate Course in Pali Language Speaking),

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The certificate course in Pali language speaking aims to provide participants with a comprehensive understanding of the Pali language, an ancient language primarily used in the early Buddhist scriptures.

#### **Objectives:**

To introduce participants to the fundamentals of the Pali language.

To develop participants' speaking, reading, writing, and comprehension skills in Pali.

To provide insights into the cultural and historical context of Pali language usage. To equip participants with the ability to engage with Pali texts and scriptures effectively.

#### **Outcomes:**

Upon successful completion of the certificate course, participants are expected to:

Have a foundational understanding of the Pali language.

Demonstrate proficiency in speaking, reading, writing, and comprehension.

Be able to engage with Pali texts and scriptures with confidence.

Appreciate the cultural and historical context of Pali language usage.

#### **Conclusion:**

The certificate course in Pali language speaking serves as a valuable platform for individuals interested in delving into the rich linguistic and cultural heritage of Pali. By providing a structured curriculum and interactive learning environment, the course equips participants with the necessary skills to explore and engage with Pali texts effectively.

#### **ICT/Computing Skills Activity: 3**

Name of Organizing Department / Committee: IQAC, and Department of Computer Science.

Name / Title of Activity: Certificate Course in "Basic of Computer Fundamental".

**Date of Activity:** 01-01-2021.

**Place / Venue of Activity:** Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 60** 

Name of Teacher In-charge / Convener: Prof. Harikrishna Diwathe, (Course Coordinator-Certificate Course in "Basic of Computer Fundamental").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basics of Computer Fundamentals aimed to equip participants with foundational knowledge and skills essential for navigating the digital landscape. The course provided an overview of key concepts in computer science, hardware, software, and practical applications.

#### **Learning Outcomes:**

Understanding of Computer Basics: Participants gained a solid understanding of fundamental computer concepts, including hardware components, software types, and their functionalities.

Practical Skills: Hands-on sessions enabled participants to develop practical skills in using computers, operating systems, and basic software applications.

Critical Thinking: Participants learned to analyze problems and make informed decisions related to computer usage and troubleshooting.

Communication and Collaboration: Group activities fostered teamwork and communication skills essential for collaborating in digital environments.

#### **Assessment and Evaluation:**

Continuous Assessment: Participants were assessed through quizzes, assignments, and practical exercises throughout the course.

#### **Participant Feedback:**

Overall Satisfaction: Feedback from participants indicated a high level of satisfaction with the course content, delivery, and instructor support.

Relevance: Participants found the course highly relevant to their educational and professional goals, providing them with essential skills for the digital age.

**Conclusion:** The Certificate Course in Basics of Computer Fundamentals successfully equipped participants with foundational knowledge and practical skills essential for navigating the increasingly digital world. The course received positive feedback from participants, highlighting its relevance and effectiveness in meeting their learning objectives.

#### **ICT/Computing Skills Activity: 4**

Name of Organizing Department / Committee: IQAC, and Department of Commerce.

Name / Title of Activity: Certificate Course in "Basic Concept of Accounting & Statistics".

**Date of Activity:** 01-01-2021.

**Place / Venue of Activity:** Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 40** 

Name of Teacher In-charge / Convener: Dr. Rita R. Raut, (Course Coordinator- Certificate Course in "Basic Concept of Accounting & Statistics").

Names of Other Committee Members / Staff: Prof. Vinod Barde.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basic Concepts of Accounting and Statistics is

designed to provide participants with fundamental knowledge and skills in two critical areas: accounting and statistics.

#### **Objectives:**

To familiarize participants with the basic principles and concepts of accounting.

To enable participants to understand financial statements and their interpretation.

To introduce participants to statistical concepts and techniques used in data analysis.

To equip participants with essential skills for decision-making based on financial and statistical information.

#### **Benefits:**

Enhanced Financial Literacy: Participants gain a solid understanding of accounting principles, enabling them to interpret financial statements accurately.

Improved Decision Making: Knowledge of statistics equips participants with analytical tools to make informed decisions based on data.

Career Advancement: Completion of the course enhances participants' credentials and opens up opportunities for roles requiring financial and statistical expertise.

Practical Skills: Hands-on exercises and case studies provide participants with practical experience in applying accounting and statistical concepts to real-world scenarios.

**Conclusion:** The Certificate Course in Basic Concepts of Accounting and Statistics offers a valuable opportunity for individuals to acquire essential skills in two vital areas of business and decision-making. By providing a structured curriculum, practical exercises, and expert guidance, the course equips student participants with the knowledge and confidence to navigate financial and statistical challenges effectively.

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#### **SUMMERY REPORTS 2021-22**

#### **Soft Skill Activity: 1**

Name of Organizing Department / Committee: Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Environmental & Water Management

**Date of Activity:** 15-12-2021.

**Place / Venue of Activity:** Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 35** 

**Name of Teacher In-charge / Convener:** Dr. Sudhir M. Maskey, (Coordinator- Certificate Course in Environmental & Water Management).

Names of Other Committee Members / Staff: Prof. Shailesh K. Bhagat, Prof. Pankaj V. Ledade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Environmental & Water Management aims to provide participants with comprehensive knowledge and skills necessary for effective management of environment and water resources.

**Outcomes:** Upon completion of the course, participants gain:

A comprehensive understanding of environmental & water management principles, techniques, and challenges.

Practical skills in water resource assessment, conservation, and quality management.

Knowledge of relevant policies, regulations, and governance frameworks.

The ability to analyze and address water-related issues in diverse contexts.

Enhanced capacity for community engagement and participation in environmental & water management initiatives.

**Conclusion:** The Certificate Course in Environmental & Water Management equips participants with the knowledge, skills, and competencies necessary to address the complex challenges associated with water resources. By fostering a multidisciplinary approach and practical learning experiences, the course empowers individuals to contribute effectively to sustainable environmental & water management practices.

Soft Skill Activity: 2

Name of Organizing Department / Committee: Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Biofertilizer & Biopesticides Preparation

**Date of Activity:** 15-12-2021.

**Place / Venue of Activity:** Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 25** 

**Name of Teacher In-charge / Convener:** Dr. Rakesh U. Thakare, (Coordinator- Certificate Course in Biofertilizer & Biopesticides Preparation).

Names of Other Committee Members / Staff: Dr. Raju U. Gadpayle.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Bifertilizer and Biopesticides Preparation is designed to equip participants with the knowledge and skills necessary to produce environmentally friendly and sustainable agricultural inputs. Bifertilizers are formulations that combine both fertilizer and biofertilizer components, while biopesticides are naturally derived alternatives to chemical pesticides.

**Objectives:** The primary objectives of the certificate course are as follows:

To educate participants about the benefits of using bifertilizers and biopesticides in agriculture.

To provide practical training in the production techniques of bifertilizers and biopesticides.

To impart knowledge about quality control measures and regulatory requirements.

To promote sustainable agricultural practices and reduce reliance on chemical inputs.

To empower participants to become advocates for environmentally friendly farming methods.

**Outcomes:** Upon completion of the certificate course, participants are expected to:

Understand the principles and importance of bifertilizers and biopesticides in sustainable agriculture.

Demonstrate proficiency in the production techniques of bifertilizers and biopesticides.

Implement quality control measures to ensure the effectiveness and safety of agricultural inputs.

Apply knowledge gained to their own farming practices or agricultural businesses.

Contribute to the promotion of environmentally friendly farming practices in their communities.

**Conclusion:** The Certificate Course in Bifertilizer and Biopesticides Preparation plays a crucial role in promoting sustainable agriculture and reducing the environmental impact of conventional farming methods. By equipping participants with the necessary knowledge and skills, the course helps to foster a culture of innovation and environmental stewardship in the agricultural sector.

### Activity Reports of Initiatives Taken To Develop Language And Communication Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Spoken English	15/12/2021	30	Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
2.	Certificate Course in Teaching in Marathi Language for Non-Marathis'	15/12/2021	16	Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
3.	Certificate Course in Pali Language Speaking	15/12/2021	15	Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
4	A State Level e-Workshop on 'Effective Use of Grammar in Enhancing Communication Skills'	01-06-2022	252	Jointly Organized by Departments of English of Yashwantrao Chawhan ACS College Lakhandur, Dist- Bhandara; Jeevan Vikas Mahavidyalay Devgram, Narkhed Dist-Nagpur, Late N P College Ekodi, Tah- Sakoli, Distt- Bhandara in collaboration with East Maharashtra Forum, ISPELL India.

## REPORTS ON LANGUAGE AND COMMUNICATION SKILL ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2019-2020

Language and Communication Skill Activity: 1

Name of Organizing Department / Committee: Department of English.

Name / Title of Activity: Certificate Course in "Spoken English"

**Date of Activity:** 15-12-2021.

Place / Venue of Activity: Department of English, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Dr. Rakesh P. Wasnik, (Course Coordinator-Certificate Course in "Spoken English"),

Names of Other Committee Members / Staff: Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Spoken English was conducted with the aim of enhancing participants' communication skills in the English language. The course was designed to cater to individuals/ students from diverse backgrounds, who sought to improve their spoken English proficiency for personal and professional growth.

#### **Objectives:**

To develop fluency and confidence in spoken English.

To enhance vocabulary and pronunciation skills.

To improve listening comprehension and conversational abilities.

To provide practical training in real-life communication scenarios.

#### **Assessment and Certification:**

Assessment was conducted through regular quizzes, oral presentations, and performance evaluations. Participants were required to demonstrate proficiency in spoken English through speaking assessments and comprehension tests. Upon successful completion of the course and passing the final assessment, participants were awarded a Certificate of Proficiency in Spoken English.

#### **Outcomes:**

Enhanced fluency and confidence in spoken English.

Expanded vocabulary and improved grammar proficiency.

Increased ability to comprehend and respond effectively in English conversations.

Improved pronunciation and accent clarity.

Development of essential communication skills applicable in various personal and professional contexts.

**Conclusion:** The Certificate Course in Spoken English provided participants with valuable skills and confidence to communicate effectively in the English language. By focusing on practical application and personalized instruction, the course facilitated significant improvement in spoken English proficiency among student participants from diverse backgrounds.

Language and Communication Skill Activity: 2

Name of Organizing Department / Committee: Department of Marathi.

Name / Title of Activity: Certificate Course in Teaching in Marathi Language for Non-Marathis'.

**Date of Activity:** 15-12-2021.

**Place / Venue of Activity:** Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 16** 

Name of Teacher In-charge / Convener: Prof. Bhojraj V. Bodele, (Course Coordinator-Certificate Course in Teaching in Marathi Language for Non-Marathis'),

Names of Other Committee Members / Staff: Prof. K.Z. Lade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is designed to facilitate the acquisition of teaching skills specifically tailored for individuals who are not native Marathi speakers.

#### **Course Objectives:**

To familiarize non-Marathi speakers with the fundamentals of the Marathi language.

To equip participants with effective teaching strategies and methodologies for teaching Marathi language and culture.

To enhance participants' understanding of Marathi language pedagogy and linguistics.

To develop participants' proficiency in spoken and written Marathi for instructional purposes. To empower participants to create inclusive and engaging learning environments for Marathi language learners.

#### **Course Outcomes:**

Participants will gain a comprehensive understanding of the Marathi language, including its phonetics, grammar, and syntax.

Participants will develop proficiency in spoken and written Marathi, enabling them to effectively communicate and instruct in the language.

Participants will acquire pedagogical skills and strategies for teaching Marathi language and culture to non-native speakers.

Participants will be able to create engaging lesson plans, activities, and assessments tailored to the needs of Marathi language learners.

Participants will be equipped to foster a supportive and inclusive learning environment that promotes linguistic and cultural diversity.

**Conclusion:** The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is a valuable initiative aimed at bridging linguistic and cultural barriers in education. By empowering educators with the necessary skills and knowledge, the course contributes to the promotion and preservation of the Marathi language and culture. Moving forward, ongoing support and professional development opportunities are essential to sustain the impact of the course and advance the field of Marathi language teaching.

#### Language and Communication Skill Activity: 3

Name of Organizing Department / Committee: Department of Pali.

Name / Title of Activity: Certificate Course in "Pali Language Speaking".

**Date of Activity:** 15-12-2021.

**Place / Venue of Activity:** Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 15** 

Name of Teacher In-charge / Convener: Dr. H. G. Borkar, (Course Coordinator- Certificate Course in Pali Language Speaking),

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The certificate course in Pali language speaking aims to provide participants with a comprehensive understanding of the Pali language, an ancient language primarily used in the early Buddhist scriptures.

#### **Objectives:**

To introduce participants to the fundamentals of the Pali language.

To develop participants' speaking, reading, writing, and comprehension skills in Pali.

To provide insights into the cultural and historical context of Pali language usage.

To equip participants with the ability to engage with Pali texts and scriptures effectively.

#### **Outcomes:**

Upon successful completion of the certificate course, participants are expected to:

Have a foundational understanding of the Pali language.

Demonstrate proficiency in speaking, reading, writing, and comprehension.

Be able to engage with Pali texts and scriptures with confidence.

Appreciate the cultural and historical context of Pali language usage.

**Conclusion:** The certificate course in Pali language speaking serves as a valuable platform for individuals interested in delving into the rich linguistic and cultural heritage of Pali. By providing a structured curriculum and interactive learning environment, the course equips participants with the necessary skills to explore and engage with Pali texts effectively.

Language and Communication Skill Activity: 4

Name of Organizing Department / Committee: IQAC, and Department of English.

Name / Title of Activity: A State Level e-Workshop on 'Effective Use of Grammar in Enhancing Communication Skills'

**Date of Activity:** 01-06-2022.

**Place / Venue of Activity:** Online Zoom Platform, Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Jointly Organized by Departments of English of Yashwantrao Chawhan ACS College Lakhandur, Dist-Bhandara; Jeevan Vikas Mahavidyalay Devgram, Narkhed Dist-Nagpur, Late N P College Ekodi, Tah- Sakoli, Distt-Bhandara in collaboration with East Maharashtra Forum, ISPELL India.

**Number of Participants: 252** 

Name of Teacher In-charge / Convener: Dr. Virendra B. Turkar. (Dept. of English),

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Rakesh V. Talmale, Dr. Rakesh Thakare, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: A state level e-workshop on "Effective Use of Grammar in Enhancing Communication Skills" was held on June 1<sup>st</sup>, 2022, at the Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara, on Zoom Platform. The objective was to highlight the critical role of grammar in communication and provide strategies for improving grammatical proficiency to enhance both written and verbal communication skills.

Seminar Highlights: Opening Remarks: Dr. Virendra Turkar opened the e-workshop by stressing the importance of grammar as the foundation of effective communication. He emphasized that a strong grasp of grammatical rules not only improves clarity and precision but also enhances the credibility and professionalism of the communicator.

### **Session 1: The Fundamentals of Grammar**

Speaker presented an overview of the fundamental aspects of grammar that are essential for effective communication:

**Sentence Structure:** The importance of subject-verb agreement, proper use of tenses, and sentence variety.

**Punctuation:** How punctuation marks such as commas, periods, and semicolons influence the meaning and flow of sentences.

**Parts of Speech:** Understanding nouns, verbs, adjectives, adverbs, prepositions, conjunctions, and how they function together.

Speaker also provided examples of common grammatical errors and tips for avoiding them.

### **Session 2: Grammar in Written Communication**

Speaker focused on the application of grammar in written communication. Key points included:

Clarity and Precision: How correct grammar ensures that the message is clear and unambiguous.

**Tone and Style:** The role of grammar in setting the appropriate tone and style for different types of writing, such as formal reports, emails, and creative writing.

**Editing and Proofreading:** Techniques for identifying and correcting grammatical mistakes, including the use of grammar-checking tools.

Speaker conducted a brief interactive exercise where participants edited sample texts to improve their grammatical accuracy.

#### **Session 3: Grammar in Verbal Communication**

Speaker highlighted the significance of grammar in verbal communication. Her session covered:

**Effective Speaking:** The role of grammar in ensuring that spoken messages are coherent and easily understood.

**Common Mistakes:** Typical grammatical mistakes in speech and how to avoid them.

**Practice and Feedback:** The importance of practice and seeking feedback to improve grammatical accuracy in speech.

Speaker also demonstrated techniques for improving grammar in spontaneous speech, such as slowing down, planning key points in advance, and practicing commonly used phrases.

#### **Session 4: Grammar in Professional Settings**

Speaker discussed the application of grammar in professional communication. She emphasized:

**Professional Correspondence:** The importance of grammatical correctness in emails, reports, and presentations to convey professionalism and attention to detail.

**Brand Image:** How proper grammar in marketing materials, press releases, and corporate communications can impact the company's brand image.

**Cross-Cultural Communication:** The role of grammar in ensuring clear communication in a multicultural workplace, where language barriers can be a challenge.

Speaker shared examples from his experience in corporate communications and provided tips for maintaining grammatical accuracy under pressure.

**Panel Discussion:** The seminar concluded with a panel discussion where the speakers answered questions from the audience.

# **Key topics included:**

**Balancing Creativity and Correctness:** Finding the right balance between maintaining grammatical accuracy and allowing creative expression.

**Learning Resources:** Recommended tools and resources for improving grammar, such as grammar guides, online courses, and language apps.

**Continuous Improvement:** Strategies for continuous improvement in grammatical skills, including regular reading, writing practice, and participation in workshops.

**Conclusion:** The seminar underscored the pivotal role of grammar in enhancing communication skills, providing attendees with practical strategies to improve their grammatical proficiency. Feedback from participants indicated a high level of satisfaction with the depth and applicability of the information provided.

# Activity Reports of Initiatives Taken To Develop ICT/Computing Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Basic of Computer Fundamental	15-12- 2021	35	Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
2.	Certificate Course in Basic Concept of Accounting & Statistics	15-12- 2021	30	Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**ICT/Computing Skills Activity: 1** 

Name of Organizing Department / Committee: Department of Computer Science.

Name / Title of Activity: Certificate Course in "Basic of Computer Fundamental".

**Date of Activity:** 15-12-2021.

**Place / Venue of Activity:** Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 35** 

Name of Teacher In-charge / Convener: Prof. Harikrishna Diwathe, (Course Coordinator-Certificate Course in "Basic of Computer Fundamental").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basics of Computer Fundamentals aimed to equip participants with foundational knowledge and skills essential for navigating the digital landscape. The course provided an overview of key concepts in computer science, hardware, software, and practical applications.

#### **Learning Outcomes:**

Understanding of Computer Basics: Participants gained a solid understanding of fundamental computer concepts, including hardware components, software types, and their functionalities. Practical Skills: Hands-on sessions enabled participants to develop practical skills in using computers, operating systems, and basic software applications.

Critical Thinking: Participants learned to analyze problems and make informed decisions related to computer usage and troubleshooting.

Communication and Collaboration: Group activities fostered teamwork and communication skills essential for collaborating in digital environments.

### **Assessment and Evaluation:**

Continuous Assessment: Participants were assessed through quizzes, assignments, and practical exercises throughout the course.

#### **Participant Feedback:**

Overall Satisfaction: Feedback from participants indicated a high level of satisfaction with the course content, delivery, and instructor support.

Relevance: Participants found the course highly relevant to their educational and professional goals, providing them with essential skills for the digital age.

**Conclusion:** The Certificate Course in Basics of Computer Fundamentals successfully equipped participants with foundational knowledge and practical skills essential for navigating the increasingly digital world. The course received positive feedback from participants, highlighting its relevance and effectiveness in meeting their learning objectives.

Registration Link / Google Form Link: - Students were registered manually.

Activity with Newspaper Coverage if any: Nil

Screenshots of Events & Flyer: - N.A.

ICT/Computing Skills Activity: 2

Name of Organizing Department / Committee: Department of Commerce.

Name / Title of Activity: Certificate Course in "Basic Concept of Accounting & Statistics".

Date of Activity: 15-12-2021. Place / Venue of Activity: Department of Commerce,

Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Dr. Rita R. Raut, (Course Coordinator- Certificate Course in "Basic Concept of Accounting & Statistics").

Names of Other Committee Members / Staff: Prof. Vinod Barde.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basic Concepts of Accounting and Statistics is designed to provide participants with fundamental knowledge and skills in two critical areas: accounting and statistics. Objectives:

To familiarize participants with the basic principles and concepts of accounting.

To enable participants to understand financial statements and their interpretation.

To introduce participants to statistical concepts and techniques used in data analysis.

To equip participants with essential skills for decision-making based on financial and statistical information.

#### **Benefits:**

Enhanced Financial Literacy: Participants gain a solid understanding of accounting principles, enabling them to interpret financial statements accurately.

**Improved Decision Making:** Knowledge of statistics equips participants with analytical tools to make informed decisions based on data.

Career Advancement: Completion of the course enhances participants' credentials and opens up opportunities for roles requiring financial and statistical expertise.

**Practical Skills:** Hands-on exercises and case studies provide participants with practical experience in applying accounting and statistical concepts to real-world scenarios.

Conclusion: The Certificate Course in Basic Concepts of Accounting and Statistics offers a valuable opportunity for individuals to acquire essential skills in two vital areas of business and decision-making. By providing a structured curriculum, practical exercises, and expert guidance, the course equips student participants with the knowledge and confidence to navigate financial and statistical challenges effectively.

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### **SUMMERY REPORTS 2022-23**

# **Soft Skill Activity: 1**

Name of Organizing Department / Committee: Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Environmental & Water Management

**Date of Activity:** 01-01-2023 to 30-04-2023.

**Place / Venue of Activity:** Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Chemistry, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 35** 

Name of Teacher In-charge / Convener: Dr. Sudhir M. Maskey, (Coordinator- Certificate Course in Environmental & Water Management).

Names of Other Committee Members / Staff: Prof. Shailesh K. Bhagat, Prof. Pankaj V. Ledade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Environmental & Water Management aims to provide participants with comprehensive knowledge and skills necessary for effective management of environment and water resources.

**Outcomes:** Upon completion of the course, participants gain:

A comprehensive understanding of environmental & water management principles, techniques, and challenges.

Practical skills in water resource assessment, conservation, and quality management.

Knowledge of relevant policies, regulations, and governance frameworks.

The ability to analyze and address water-related issues in diverse contexts.

Enhanced capacity for community engagement and participation in environmental & water management initiatives.

**Conclusion:** The Certificate Course in Environmental & Water Management equips participants with the knowledge, skills, and competencies necessary to address the complex challenges associated with water resources. By fostering a multidisciplinary approach and

practical learning experiences, the course empowers individuals to contribute effectively to sustainable environmental & water management practices.

Soft Skill Activity: 2

Name of Organizing Department / Committee: Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name / Title of Activity: Certificate Course in Biofertilizer & Biopesticides Preparation

**Date of Activity:** 01-01-2023 to 30-04-2023.

**Place / Venue of Activity:** Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 25** 

**Name of Teacher In-charge / Convener:** Dr. Rakesh U. Thakare, (Coordinator- Certificate Course in Biofertilizer & Biopesticides Preparation).

Names of Other Committee Members / Staff: Dr. Raju U. Gadpayle.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Bifertilizer and Biopesticides Preparation is designed to equip participants with the knowledge and skills necessary to produce environmentally friendly and sustainable agricultural inputs. Bifertilizers are formulations that combine both fertilizer and biofertilizer components, while biopesticides are naturally derived alternatives to chemical pesticides.

**Objectives:** The primary objectives of the certificate course are as follows:

To educate participants about the benefits of using bifertilizers and biopesticides in agriculture.

To provide practical training in the production techniques of bifertilizers and biopesticides.

To impart knowledge about quality control measures and regulatory requirements.

To promote sustainable agricultural practices and reduce reliance on chemical inputs.

To empower participants to become advocates for environmentally friendly farming methods.

**Outcomes:** Upon completion of the certificate course, participants are expected to:

Understand the principles and importance of bifertilizers and biopesticides in sustainable agriculture.

Demonstrate proficiency in the production techniques of bifertilizers and biopesticides.

Implement quality control measures to ensure the effectiveness and safety of agricultural inputs.

Apply knowledge gained to their own farming practices or agricultural businesses.

Contribute to the promotion of environmentally friendly farming practices in their communities.

**Conclusion:** The Certificate Course in Bifertilizer and Biopesticides Preparation plays a crucial role in promoting sustainable agriculture and reducing the environmental impact of conventional farming methods. By equipping participants with the necessary knowledge and skills, the course helps to foster a culture of innovation and environmental stewardship in the agricultural sector.

# Activity Reports of Initiatives Taken To Develop Language And Communication Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Spoken English	01-01-2023	30	Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
2.	Certificate Course in Teaching in Marathi Language for Non-Marathis'	01-01-2023	13	Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.
3.	Certificate Course in Pali Language Speaking	01-01-2023	15	Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

# REPORTS ON LANGUAGE AND COMMUNICATION SKILL ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2022-2023

Language and Communication Skill Activity: 1

Name of Organizing Department / Committee: Department of English.

Name / Title of Activity: Certificate Course in "Spoken English"

**Date of Activity:** 01-01-2023 to 30-04-2023.

**Place / Venue of Activity:** Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Dr. Rakesh P. Wasnik, (Course Coordinator-Certificate Course in "Spoken English"),

Names of Other Committee Members / Staff: Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Spoken English was conducted with the aim of enhancing participants' communication skills in the English language. The course was designed to cater to individuals/ students from diverse backgrounds, who sought to improve their spoken English proficiency for personal and professional growth.

# **Objectives:**

To develop fluency and confidence in spoken English.

To enhance vocabulary and pronunciation skills.

To improve listening comprehension and conversational abilities.

To provide practical training in real-life communication scenarios.

#### **Assessment and Certification:**

Assessment was conducted through regular quizzes, oral presentations, and performance evaluations. Participants were required to demonstrate proficiency in spoken English through speaking assessments and comprehension tests. Upon successful completion of the course and passing the final assessment, participants were awarded a Certificate of Proficiency in Spoken English.

#### **Outcomes:**

Enhanced fluency and confidence in spoken English.

Expanded vocabulary and improved grammar proficiency.

Increased ability to comprehend and respond effectively in English conversations.

Improved pronunciation and accent clarity.

Development of essential communication skills applicable in various personal and professional contexts.

**Conclusion:** The Certificate Course in Spoken English provided participants with valuable skills and confidence to communicate effectively in the English language. By focusing on practical application and personalized instruction, the course facilitated significant improvement in spoken English proficiency among student participants from diverse backgrounds.

Language and Communication Skill Activity: 2

Name of Organizing Department / Committee: Department of Marathi.

Name / Title of Activity: Certificate Course in Teaching in Marathi Language for Non-Marathis'.

**Date of Activity:** 01-01-2023 to 30-04-2023.

**Place / Venue of Activity:** Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Marathi, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 16** 

Name of Teacher In-charge / Convener: Prof. Bhojraj V. Bodele, (Course Coordinator-Certificate Course in Teaching in Marathi Language for Non-Marathis'),

Names of Other Committee Members / Staff: Prof. K Z. Lade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is designed to facilitate the acquisition of teaching skills specifically tailored for individuals who are not native Marathi speakers.

# **Course Objectives:**

To familiarize non-Marathi speakers with the fundamentals of the Marathi language.

To equip participants with effective teaching strategies and methodologies for teaching Marathi language and culture.

To enhance participants' understanding of Marathi language pedagogy and linguistics.

To develop participants' proficiency in spoken and written Marathi for instructional purposes.

To empower participants to create inclusive and engaging learning environments for Marathi language learners.

#### **Course Outcomes:**

Participants will gain a comprehensive understanding of the Marathi language, including its phonetics, grammar, and syntax.

Participants will develop proficiency in spoken and written Marathi, enabling them to effectively communicate and instruct in the language.

Participants will acquire pedagogical skills and strategies for teaching Marathi language and culture to non-native speakers.

Participants will be able to create engaging lesson plans, activities, and assessments tailored to the needs of Marathi language learners.

Participants will be equipped to foster a supportive and inclusive learning environment that promotes linguistic and cultural diversity.

**Conclusion:** The Certificate Course in Teaching in Marathi Language for Non-Marathi Speakers is a valuable initiative aimed at bridging linguistic and cultural barriers in education. By empowering educators with the necessary skills and knowledge, the course contributes to the promotion and preservation of the Marathi language and culture. Moving forward, ongoing support and professional development opportunities are essential to sustain the impact of the course and advance the field of Marathi language teaching.

# Language and Communication Skill Activity: 3

Name of Organizing Department / Committee: Department of Pali.

Name / Title of Activity: Certificate Course in "Pali Language Speaking".

**Date of Activity:** 01-01-2023 to 30-04-2023.

**Place / Venue of Activity:** Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Pali, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 15** 

Name of Teacher In-charge / Convener: Dr. H. G. Borkar, (Course Coordinator- Certificate Course in Pali Language Speaking),

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The certificate course in Pali language speaking aims to provide participants with a comprehensive understanding of the Pali language, an ancient language primarily used in the early Buddhist scriptures.

#### **Objectives:**

To introduce participants to the fundamentals of the Pali language.

To develop participants' speaking, reading, writing, and comprehension skills in Pali.

To provide insights into the cultural and historical context of Pali language usage.

To equip participants with the ability to engage with Pali texts and scriptures effectively.

### **Outcomes:**

Upon successful completion of the certificate course, participants are expected to: Have a foundational understanding of the Pali language.

Demonstrate proficiency in speaking, reading, writing, and comprehension. Be able to engage with Pali texts and scriptures with confidence.

Appreciate the cultural and historical context of Pali language usage.

**Conclusion:** The certificate course in Pali language speaking serves as a valuable platform for individuals interested in delving into the rich linguistic and cultural heritage of Pali. By providing a structured curriculum and interactive learning environment, the course equips participants with the necessary skills to explore and engage with Pali texts effectively.

# Activity Reports of Initiatives Taken To Develop ICT/Computing Skills Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students	Name of the agencies/experts involved with contact
1		01 01 2022	enrolled	details (if any)
1.	Certificate Course in Basic of	01-01-2023	30	Dept. of Computer
	Computer Fundamental			Science, Y.C. College
				Lakhandur, Dist-
				Bhandara.
2.	Certificate Course in Basic	01-01-2023	30	Dept. of Commerce, Y.C.
	Concept of Accounting &			College Lakhandur, Dist-
	Statistics			Bhandara.
3.	Certificate Course in Disaster	01-01-2023	20	Dept. of Geology, Y.C.
	Risk and Management			College Lakhandur, Dist-
				Bhandara.
4.	Certificate Course in Basic	01-01-2023	25	Dept. of Physics, Y.C.
	Instrumentation in Physics			College Lakhandur, Dist-
				Bhandara.

# REPORTS ON ICT/COMPUTING SKILLS ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2022-2023

**ICT/Computing Skills Activity: 1** 

Name of Organizing Department / Committee: Department of Computer Science.

Name / Title of Activity: Certificate Course in "Basic of Computer Fundamental".

**Date of Activity:** 01-01-2023to 30-04-2023.

**Place / Venue of Activity:** Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Computer Science, Yashwantrao Chawhan College Lakhandur, Dist.

Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Prof. Harikrishna Diwathe, (Course Coordinator-Certificate Course in "Basic of Computer Fundamental").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basics of Computer Fundamentals aimed to equip participants with foundational knowledge and skills essential for navigating the digital landscape. The course provided an overview of key concepts in computer science, hardware, software, and practical applications.

#### **Learning Outcomes:**

Understanding of Computer Basics: Participants gained a solid understanding of fundamental computer concepts, including hardware components, software types, and their functionalities. Practical Skills: Hands-on sessions enabled participants to develop practical skills in using computers, operating systems, and basic software applications.

Critical Thinking: Participants learned to analyze problems and make informed decisions related to computer usage and troubleshooting.

Communication and Collaboration: Group activities fostered teamwork and communication skills essential for collaborating in digital environments.

#### **Assessment and Evaluation:**

Continuous Assessment: Participants were assessed through quizzes, assignments, and practical exercises throughout the course.

### **Participant Feedback:**

Overall Satisfaction: Feedback from participants indicated a high level of satisfaction with the course content, delivery, and instructor support.

Relevance: Participants found the course highly relevant to their educational and professional goals, providing them with essential skills for the digital age.

**Conclusion:** The Certificate Course in Basics of Computer Fundamentals successfully equipped participants with foundational knowledge and practical skills essential for navigating the increasingly digital world. The course received positive feedback from participants, highlighting its relevance and effectiveness in meeting their learning objectives.

**Registration Link / Google Form Link:-** Students were registered manually.

Activity with Newspaper Coverage if any: Nil

**Screenshots of Events & Flyer:** N.A.

ICT/Computing Skills Activity: 2

Name of Organizing Department / Committee: Department of Commerce.

Name / Title of Activity: Certificate Course in "Basic Concept of Accounting & Statistics".

**Date of Activity:** 01-01-2023to 30-04-2023.

Place / Venue of Activity: Department of Commerce, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Commerce, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Dr. Rita R. Raut, (Course Coordinator- Certificate Course in "Basic Concept of Accounting & Statistics").

Names of Other Committee Members / Staff: Prof. Vinod Barde.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Basic Concepts of Accounting and Statistics is designed to provide participants with fundamental knowledge and skills in two critical areas: accounting and statistics.

#### **Objectives:**

To familiarize participants with the basic principles and concepts of accounting.

To enable participants to understand financial statements and their interpretation.

To introduce participants to statistical concepts and techniques used in data analysis.

To equip participants with essential skills for decision-making based on financial and statistical information.

#### **Benefits:**

**Enhanced Financial Literacy:** Participants gain a solid understanding of accounting principles, enabling them to interpret financial statements accurately.

**Improved Decision Making:** Knowledge of statistics equips participants with analytical tools to make informed decisions based on data.

**Career Advancement:** Completion of the course enhances participants' credentials and opens up opportunities for roles requiring financial and statistical expertise.

**Practical Skills:** Hands-on exercises and case studies provide participants with practical experience in applying accounting and statistical concepts to real-world scenarios.

**Conclusion:** The Certificate Course in Basic Concepts of Accounting and Statistics offers a valuable opportunity for individuals to acquire essential skills in two vital areas of business and decision-making. By providing a structured curriculum, practical exercises, and expert guidance, the course equips student participants with the knowledge and confidence to navigate financial and statistical challenges effectively.

# **ICT/Computing Skills Activity: 3**

Name of Organizing Department / Committee: Department of Geology.

Name / Title of Activity: Certificate Course in "Disaster Risk and Management".

Date of Activity: 01-01-2023to 30-04-2023.

Place / Venue of Activity: Department of Geology, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Geology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Dr. Snehal Juare, (Course Coordinator).

Names of Other Committee Members / Staff: Dr. Swapnil Gudadhe.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in "Disaster Risk and Management" is designed to provide participants with fundamental knowledge and skills in Geology. The course aimed to provide participants with comprehensive knowledge and practical skills to assess, mitigate, and manage disaster risks effectively.

### **Course Objectives:**

To understand the fundamental concepts of disaster risk and management.

To equip participants with skills for disaster risk assessment and mitigation.

To enhance knowledge of emergency response planning and disaster recovery.

To foster an integrated approach towards sustainable disaster management practices.

#### **Course Outcomes:**

The course was designed to ensure that participants could:

Conduct comprehensive disaster risk assessments.

Develop and implement effective disaster preparedness and mitigation plans.

Coordinate and manage emergency response operations efficiently.

Plan and execute disaster recovery and rehabilitation projects.

**Participant Feedback:** Participants provided positive feedback, highlighting the practical simulations, field visits, and the relevance of the content to real-world scenarios. They appreciated the expertise of the instructors and the interactive nature of the course.

**Conclusion:** The Certificate Course in Disaster Risk and Management was a significant success, achieving its objective of equipping participants with essential skills and knowledge. The combination of theoretical lectures, practical simulations, and field visits provided a holistic learning experience. The course has laid a strong foundation for participants to excel in disaster management roles and contribute to building resilient communities.

# **ICT/Computing Skills Activity: 4**

Name of Organizing Department / Committee: Department of Physics.

Name / Title of Activity: Certificate Course in "Basic Instrumentation in Physics".

**Date of Activity:** 01-01-2023to 30-04-2023.

**Place / Venue of Activity:** Department of Physics, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Department of Physics, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 25** 

Name of Teacher In-charge / Convener: Prof. M. S. Bisen, (Course Coordinator).

Names of Other Committee Members / Staff: Prof. Pranay Wasnik, Prof. Sumit Rokade.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in "Basic Instrumentation in Physics" is designed to provide participants with fundamental knowledge and skills in physics. The course aimed to provide participants with a comprehensive understanding of fundamental instrumentation techniques used in physics laboratories, equipping them with practical skills and theoretical knowledge essential for experimental physics.

# **Course Objectives:**

To familiarize participants with basic instrumentation and measurement techniques in physics.

To provide hands-on experience with essential laboratory equipment.

To enhance understanding of data acquisition, analysis, and interpretation.

To develop practical skills for designing and conducting physics experiments.

**Course Outcomes:** The course was designed to ensure that participants could:

Confidently use and calibrate basic physics laboratory instruments.

Accurately measure and analyze physical quantities.

Apply theoretical knowledge to practical experimental setups.

Utilize data acquisition software for collecting and analyzing experimental data.

**Participant Feedback:** Participants provided positive feedback, highlighting the hands-on experience and practical knowledge gained. They appreciated the balance between theory and practice, as well as the support provided by instructors.

**Conclusion:** The Certificate Course in Basic Instrumentation in Physics was a significant success, achieving its objective of equipping participants with essential skills and knowledge. The combination of theoretical lectures, practical sessions, and interactive workshops provided a holistic learning experience. The course has laid a strong foundation for participants to excel in experimental physics and related fields. The Department of Physics plans to offer this course annually, with enhancements based on participant feedback and technological advancements.

`Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in Food & Nutrition	01-01-2023	20	Department of Home Economics, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

# REPORTS ON LIFE SKILLS ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2022-2023

Life Skills Activity: 1

Name of Organizing Department / Committee: Department of Home-Economics.

Name / Title of Activity: Certificate Course in "Food & Nutrition".

**Date of Activity:** 01-01-2023 to 30-04-2023.

Place / Venue of Activity: Department of Home-Economics, Yashwantrao Chawhan College

Lakhandur, Dist. Bhandara.

### Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Department of Home-Economics, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Dr. Alka A. Dahikar, (Course Coordinator-Certificate Course in "Food & Nutrition").

Names of Other Committee Members / Staff: --.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Food and Nutrition is designed to provide student participants with a comprehensive understanding of the principles of nutrition, food science, and its application in promoting health and preventing disease.

#### **Benefits:**

**Enhanced Understanding of Nutrition:** Participants gain a deeper understanding of the science behind nutrition and its impact on overall health and well-being.

**Skill Development:** The course equips individuals with practical skills in meal planning, food preparation, dietary assessment, and nutritional counseling.

**Career Opportunities:** Graduates of the course may pursue careers as nutritionists, dieticians, food technologists, public health educators, research assistants, or consultants in various sectors including healthcare, food industry, government agencies, and NGOs.

**Health Promotion:** By empowering individuals with knowledge about healthy eating habits, the course contributes to promoting better health outcomes and reducing the burden of dietrelated diseases in society.

**Outcomes:** Upon successful completion of the course, student participants are expected to: Demonstrate a thorough understanding of nutritional principles and their application in promoting health and preventing diseases.

Develop skills in assessing dietary intake, planning balanced diets, and providing nutrition education and counselling to individuals and communities.

Apply knowledge gained in diverse settings such as clinical practice, food industry, research, and public health programs.

Contribute to the advancement of nutrition science and practice through continued learning, research, and professional development activities.

**Conclusion:** The Certificate Course in Food and Nutrition plays a crucial role in addressing the growing demand for qualified nutrition professionals and promoting better health outcomes in society. By providing student participants with a strong foundation in nutrition science and practical skills, the course prepares them for fulfilling careers in various fields related to food and nutrition.

# Activity Reports of Initiatives Taken To Develop Awareness of Trends in Technology Amongst The Students Are:

Sr. No.	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
1.	Certificate Course in "Techniques in Biological Research"	01-01-2023	30	Dept. of Botany, Y. C. College Lakhandur, Dist- Bhandara.
2.	Certificate Course in "VermicultureTechnique"	01-01-2023	20	Dept. of Zoology, Y. C. College Lakhandur, Dist- Bhandara.

# REPORTS ON AWARENESS OF TRENDS IN TECHNOLOGY ACTIVITIES CONDUCTED DURING ACADEMIC SESSION 2022-2023

Awareness of Trends in Technology Activity: 1

Name of Organizing Department / Committee: Dept. of Botany.

Name / Title of Activity: Certificate Course in "Techniques in Biological Research"

**Date of Activity:** 01-01-2023 to 30-04-2023.

Place / Venue of Activity: Dept. of Botany, Y. C. College Lakhandur, Dist-Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):-Dept. of Botany, Y. C. College Lakhandur, Dist-Bhandara.

**Number of Participants: 30** 

Name of Teacher In-charge / Convener: Prof. D. N. Lanjewar, Assistant Professor & Head, Department of Botany, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Nitesh Kambale.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Techniques in Biological Research aims to provide participants with in-depth knowledge and practical skills in various contemporary biological research methodologies. This course covers a wide range of techniques essential for modern biological research, including molecular biology, biochemistry, cell biology, and bioinformatics, preparing participants for advanced research roles in academic, clinical, and industrial settings.

# **Course Objectives:**

**Foundational Knowledge:** Gain a solid understanding of the fundamental principles underlying key biological research techniques.

**Practical Skills:** Develop hands-on experience with essential laboratory techniques and instruments.

**Data Analysis:** Learn to analyze and interpret biological data using modern computational tools.

**Research Applications:** Understand the applications of various techniques in real-world biological research.

#### **Assessment and Certification:**

Participants will be assessed through practical assignments, lab reports, quizzes, and a final project. Upon successful completion of the course, participants will be awarded a certificate, signifying their proficiency in biological research techniques.

#### **Outcomes:**

Graduates of the course will:

Possess a comprehensive understanding of key biological research techniques.

Be proficient in performing and troubleshooting various laboratory procedures.

Be skilled in the analysis and interpretation of complex biological data.

Be well-prepared for research roles in academia, industry, and clinical settings.

**Conclusion:** The Certificate Course in Techniques in Biological Research provides a thorough grounding in the methodologies essential for modern biological research. By combining theoretical knowledge with extensive practical experience, this course equips participants with the skills necessary to excel in a wide range of biological research environments, fostering innovation and contributing to advancements in the field of biology.

Awareness of Trends in Technology Activity: 2

Name of Organizing Department / Committee: Dept. of Zoology.

Name / Title of Activity: Certificate Course in "VermicultureTechnique"

**Date of Activity:** 01-01-2023 to 30-04-2023.

Place / Venue of Activity: Dept. of Zoology, Y. C. College Lakhandur, Dist-Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):-Dept. of Zoology, Y. C. College Lakhandur, Dist-Bhandara.

**Number of Participants: 20** 

Name of Teacher In-charge / Convener: Dr. Mahesh R. Thengre, Assistant Professor & Head, Department of Zoology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Prof. Sonam Bansod.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Certificate Course in Vermiculture Technique is designed to equip participants with comprehensive knowledge and practical skills in vermiculture and vermicomposting. This sustainable agricultural practice involves the use of earthworms to convert organic waste into nutrient-rich compost, which enhances soil fertility and promotes sustainable farming.

# **Course Objectives:**

**Understanding Vermiculture:** Learn the biology and ecological role of earthworms in soil health

**Vermicomposting Techniques:** Master the processes of setting up and managing a vermicomposting system.

**Sustainable Practices:** Explore the benefits of vermiculture in organic farming and waste management.

**Commercial Applications:** Understand the commercial potential of vermicompost and its market dynamics.

#### **Assessment and Certification:**

Participants will be assessed through a combination of practical assignments, quizzes, and a final project. Upon successful completion of the course, participants will receive a certificate, recognizing their expertise in vermiculture techniques.

#### **Outcomes:**

Graduates of the course will:

Have a thorough understanding of the science and practice of vermiculture.

Be able to set up and manage their own vermiculture systems.

Possess the skills to produce and market high-quality vermicompost.

Contribute to sustainable agricultural practices and waste management.

**Conclusion:** The Certificate Course in Vermiculture Technique provides valuable knowledge and practical experience for individuals interested in sustainable agriculture, waste management, and entrepreneurship in the vermiculture industry. Through this course, participants can contribute to environmental sustainability while exploring new business opportunities in the growing field of organic farming.

Dist. Bhandara