Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE,
(Autonomous)
BARAMATI, DIST- PUNE – 413102

DEPARTMENT OF MEDIA AND COMMUNICATION STUDIES

Proposed Syllabus For
F.Y. M.Voc. Media Studies
(Semester II)

2022-Pattern

Sponsored by
University Grant Commission

Under
National Skill Qualification Framework (NSQF)
To be implemented from
June 2022-23

Course structure:

- M.Voc. is two year post graduate program with four general education courses and three skill components courses in each semester**.**

- Each general education course will be of four credits and each credit is of 15 periods.

- Each skill component course will be of six credits and each credit is of 15 periods

- Each period is of one clock hour.

- In each skill component course there will be one visit to the relevant industry/ institute.

- This M.Voc. Programme offers two specializations from third semester namely Digital Journalism and Video Production.

- In addition to the regular practical are based on the theory course, special emphasis will be on communications and soft skills development of the students.

Eligibility:

1) First Year M.Voc. (Post Graduate Diploma): A student who has passed the graduation degree (10+2+3) in any stream or its equivalent examination.

2) Second Year M.Voc. (Post Graduate Degree): Satisfactorily keeping terms of First Year of M. Voc. and if they fulfill the eligibility conditions.

Note: Admissions will be given as per the selection procedure / policies adopted by the college, in accordance with conditions laid down by the Savitribhai Phule Pune University, Pune.

Examination Pattern:

Pattern of Examination: Semester:

- General education courses (Theory paper) - I, II, III, and IV Semester

- Skill Component (Practical Course): Practical examination will be conducted

- Weightage of marks in each course: Internal continues assessment (50%) and end semester examination (50%)

Programme Outcomes for M.Voc. Media Studies (PO)

PO1. Disciplinary Knowledge: Demonstrate comprehensive knowledge of one or more disciplines that form a part of an undergraduate B.Voc program Execute strong theoretical and practical understanding generated from the chosen B.Voc program.

PO2. Critical Thinking and Problem solving: Exhibit the skill of critical design thinking and use them to predict a range of creative solutions towards a design problem, evaluate them and choose the most appropriate options.

PO3. Social Competence Exhibit thoughts and ideas effectively in writing and orally; communicate with others using appropriate media, build effective interactive and presenting skills to meet global competencies and connect to people individually or in group settings.

PO4. Research-Related Skills: Demonstrate a sense of inquiry and capability for asking relevant/appropriate questions; ability to plan, execute and report the results of an experiment Employ knowledge of the avenues for research and higher academic achievements in the chosen field and allied subjects and aware about research ethics, intellectual property rights and issues of plagiarism.

PO5. Personal and Professional competence: Perform independently and participates in team activities and demonstrates cooperation. Integrate enthusiasm and commitment to improve personal and team performance levels and build skills to achieve the goals.

PO6. Effective Citizenship and Ethics: Demonstrate empathetic social concern and equity centered national development; ability to act with an informed awareness of moral and ethical issues and commit to professional ethics and responsibility.

PO7. Environment and Sustainability: Understand the impact of the scientific solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.

PO8. Self-directed and Life-long learning: Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes

PO9.Trans-disciplinary Research competence: Create new conceptual, theoretical, methodological innovations that integrate and transcend beyond discipline-specific approaches to address a common problem.

Programme Specific Outcomes for M.Voc Media Studies (PSOs)

PSO1 Media and Society: Enhance the knowledge about the role of media in society and understanding its critical role in various aspects. Students develop critical understanding about the public service role of a media. Regular presentations, group discussions and other class activities help in better understanding.

PSO 2 The Concept of broadcasting news and various news roles: Understand what news all is about and have an insight into the working of various news roles. This helps the students to have a clear idea about the functioning of a media news broadcasting organization.

PSO 3 Training for digital media and audio-visual content writing: Students learn about various types of writing for digital journalism and other audio- visual contents. They understand the nuances of writing for various formats and develop knowledge to write thought provoking editorials. Under the brand name 'Anekant Times' department published audio visual content, digital content, and campus newspaper.

PSO 4 The concept of photography and photo editing: Students get a good idea about the various aspects of photography and photo editing which are crucial requirements in the job market. Editing contents is also a greater perspective in current media industry.

PSO 5 Knowledge about various aspects of audio-video production: Students get professional knowledge about audio-visual production which helps them to build career. Internship program for students creates bridge between academics and media and entertainment industry.

PSO 6 Knowledge about social media and digital journalism: Students get professional knowledge about digital media which helps them to apply skills in journalism and content creation. Understanding eco system of digital media and consumption of content by audience.

PSO 7 Widening Options for Jobs by Learning about Advertising and Political communication: Knowledge about advertising and political communication help in widening options for jobs. Students get opportunities in advertising, political PR and media research.

PSO 8 Core knowledge about media laws, ethics, and media economy: Core knowledge about media law, economy which helps the students to understand crucial aspects related to working on the field as journalists. Having a good idea, about these subjects help them to work with better understanding of the profession. The knowledge base is interdisciplinary in nature.

M. Voc. Media Studies Proposed Syllabus Structure
Academic year 2022-23
First Year: Semester-I

Subj. Code	Subject Name	No. of Credits	Marks
General component			
PMMS111	Introduction to Media Studies	04	100
PMMS112	Introduction to Journalism	04	100
PMMS113	Introduction to Video Production	04	100
Skill component			
PMMS114	Writing for Media	06	150
PMMS115	Photography	04	100
PMMS116	Introduction to Editing Software	04	100
PMMS117	Camera Techniques- I	04	100

First Year: Semester-II

Subj. Code	Subject Name	No. of Credits	Marks
General component			
PMMS121	Principles of Advertising	04	100
PMMS122	Advanced Practices in Journalism	04	100
PMMS123	Broadcast Journalism	04	100
Skill component			
PMMS124	Script Writing	04	100
PMMS125	Digital Content Publication	04	100
PMMS126	Camera Techniques- II	04	100
PMMS127	Mobile Production	04	100
PMMS128	Internship-I /Project Assistance	02	50

Semester III - Video Production

General Education			
PMMS231A	Direction	Credits 04	100
PMMS232A	Sound and Post-production	Credits 04	100
PMMS233A	Understanding Documentary	Credits 04	100
Skill Component			
PMMS234A	Group Project	Credits 06	150
PMMS235A	Video Editing	Credits 06	150
PMMS236A	Lighting Techniques	Credits 06	150

Semester III – Digital Journalism

General Education			
PMMS231B	Digital Advertising and Marketing	Credits 04	100
PMMS232B	New Media Studies& Digital Culture	Credits 04	100
PMMS233B	New Frontiers of Digital Journalism	Credits 04	100
Skill Component			
PMMS234B	Group Project	Credits 06	150
PMMS235B	Audio Production	Credits 06	150
PMMS236B	Digital Content Development-I	Credits 06	150

M. Voc. Media Studies Proposed Syllabus Structure
(w.e.f. January -2022)
For Academic year 2022-23

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First Year   **Semester 2**
Principles of Advertising
General education   **Paper No. – PMMS 121**
Maximum Marks: 100   **Credits: 4**
Teaching Period: 2/week   **Teaching Load: 60 Theory Period**

Course Objectives:
- Equip students with a comprehensive understanding of advertising concepts, functions, and its role in the communication landscape.
- Develop critical thinking skills through analyzing various advertising media types and their effectiveness in reaching target audiences.
- Foster creativity and communication skills through practical exercises in copywriting, layout design, and campaign planning.
- Examine the ethical and social implications of advertising, including its impact on consumer behavior and society.
- Provide insights into the structure and operations of advertising agencies, and equip students with skills for building successful client-agency relationships.
- Gain practical experience analyzing real-world advertising campaigns and their effectiveness in addressing social issues.
- Develop awareness of trends and opportunities in the Indian advertising industry, preparing students for potential career paths.

Content:
Unit 1Advertising: An Introduction   (10 period)
- Definition, Need, Scope, Role &Importance, Evolution and Growth.
- Advertising as a Tool of Communication and its Difference, Propaganda, Publicity, PR
- Role of Advertising in Marketing Mix, Advertising vs Personal Selling & Sales Promotion, Advertising vs Public Relations & Advertising vs Marketing
- Types of Advertising: Consumer, Business Advertising, Commercial vs Social Advertising, Corporate Advertising, Action vs Awareness Advertising.

Unit 2 Advertising Media   (10 period)
- Understanding Media & It's Creative Co-ordination with other Marketing functions
- Types of Media: Print Media, Broadcast Media, Outdoor, Transit, Traditional, Direct Mail & Internet, Their characteristics, Benefits & Drawbacks, New Media
- Understanding Consumer: Demographic, Psychographic Profile.
- Media Planning Methods: Media Strategies & Media Mix.

Unit 3 Advertising Creativity   (10 period)
- Creativity: Concept & Role in Advertising.
- Copywriting: Role & Importance of a Copywriter How to Develop an Effective Copy, AIDA (Copy Writer's Pyramid).

- Copy Elements-Headline, Subhead, Body Copy, Logos & Slogans
- Layout-Definition, Steps & its Importance; Principles of a good layout.

Unit 4 Advertising Agency   **(10 period)**

- Ad Agency – Definition, Role and Functions of Various Departments, Structure of an Advertising Agency
- Types of Ad Agencies, Agency revenue sources, Client-Agency Relationship, Selection of an Advertising Agency
- Indian Advertising Agencies: Trends & Status
- Advertising Ethics &Social Responsibility, Regulation of Advertising: Govt. &Non Govt. Regulations

Unit 5 Advertising Campaign Planning   **(10 period)**

- Ad Campaign – Concept and Importance
- Brand versus Social Ad campaigns
- Overview of Campaign Planning, Its components
- Developing Creative Brief

Unit 6 Practical   **(10 period)**

- Collection of different types of Advertisements.
- Screening and discussion on ten FMCG Advertisements based on Social Issues.
- Screening of top Twenty Creative Indian and International Advertisements.
- Group discussion on Socio-Economic and Cultural Impact of Advertising

Course Outcomes:

CO1 Students will be able to define and explain key advertising concepts, including its evolution, types, and role in the marketing mix.

CO2 Students will be able to differentiate between advertising and related communication forms like publicity, propaganda, and PR.

CO3 Students will be able to critically evaluate different advertising media channels based on their characteristics, benefits, and target audience reach.

CO4 Students will be able to apply their understanding of consumer demographics and psychographics to develop effective media plans and message strategies.

CO5 Students will be able to write persuasive and engaging copy, design effective layouts, and understand the AIDA copywriting principles.

CO6 Students will be able to explain the structure and functions of advertising agencies, identify different agency types, and understand client-agency dynamics.

CO7 Students will be able to develop a creative brief for an advertising campaign, considering its objectives, target audience, and messaging strategy.

SUGGESTED READINGS:

- Altstiel, Tom & Grow, Jean . Advertising Creative Strategy, Copy & Design, 3rdedition. India: Sage
- Bovee & Arens. Contemporary Advertising. USA: Irwin.
- Chunawala & Sethia. Foundations of Advertising ,8th edition . India: Himalaya Publishing house.
- Dennison, Dell (2006). The Advertising Handbook. India: Jaico

- Jones, P J. How Advertising Works. India: Sage
- Tiwari,S (2003). Uncommon Sense of Advertising: Getting the Facts Right. India: Response
- Halve, Bhaskar Anand. Planning For Power Advertising. India: Response Books

Mapping of Program Outcomes with Course Outcomes

Class: M.Voc- (Sem-II)   **Subject:** M.Voc-Media Studies**Course: Principles of Advertising**   **Course Code**: PMMS121

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2								
CO2	2			2				2	
CO3	2	3		2				2	
CO4		3			2			2	2
CO5	2	3	3		2	2			
CO6	2		3		2		2		
CO7									

PO1: Disciplinary Knowledge- CO1, CO2, CO3, CO5, CO6
These COs directly address advertising concepts, media, copywriting, and agency structures, demonstrating understanding within the specific B.Voc program discipline.

PO2: Critical Thinking and Problem Solving - CO3, CO4, CO5
Evaluating media channels, planning media campaigns, and crafting persuasive copy involve critical analysis and problem-solving skills to optimize communication objectives.

PO3: Social Competence CO5, CO6
Writing effective copy and understanding client-agency dynamics require strong communication and presentation skills for impactful interactions.

PO4: Research-Related Skills- CO2, CO3
Differentiating advertising from other communication forms and evaluating media channels necessitate research and analysis of relevant information.

PO5: Personal and Professional Competence CO4, CO5, CO6
Developing media plans, writing copy, and understanding agency dynamics demand independent work, collaboration, and commitment to achieve effective communication goals.

PO6: Effective Citizenship and EthicsCO5

Crafting persuasive messages requires consideration of ethical marketing practices and responsible communication to avoid manipulation or misinformation.

PO7: Environment and Sustainability- CO6
Understanding client-agency dynamics may indirectly raise awareness of sustainable business practices within the advertising industry.

PO8: Self-directed and Life-long learning: CO2, CO3, CO4
Analyzing communication forms, media channels, and consumer trends promotes continuous learning and adaptability to evolving marketing landscapes.

PO9: Trans-disciplinary Research Competence: CO4
Developing media plans that consider diverse social and cultural contexts could be seen as a nascent step towards trans-disciplinary thinking.

First Year   Semester II
Advanced Practices in Journalism
Theory   Paper No. - PMMS 122
Maximum Marks: 100   Credits: 4
Teaching Period: 4 /week   Teaching Load: 60
Lecture/Semester

Course Objectives
   1. Comprehend the impact of technological advancements on journalism and society.
   2. Analyze the evolution of newsroom structures, skills, and perspectives in the digital age.
   3. Critically evaluate new tools and sources for news gathering, particularly in rural settings.
   4. Understand the importance of data journalism and develop basic skills for data analysis and visualization.
   5. Master the art of mobile journalism by utilizing Smartphone and apps for storytelling and reporting.
   6. Gain proficiency in multimedia production techniques and explore their application in journalism.
   7. Identify and examine ethical considerations related to social media, AI, and other emerging technologies in journalism.

Content:
Unit -1 Journalism in Flux   (12 periods)

   • Changes in media technology and its impact on society
   • Media Convergence, Towards multimedia journalism m
   • Changes in the newsroom structures and functions, new skills, and new perspective journalists
   • Citizen Journalists, User generated content, crowdsourcing
   • New experiments in journalism

Unit - 2 New tools and new values: (12 periods)

   • New tools and sources for news gathering new gadgets for rural journalists
   • Changing news values, What Next factor, Need for more analysis and context
   • Changing focus on news beats: Health, Environment, Weather, Community, Urban Infrastructure
     & Development, etc.
   • Changes in news writing styles: Brevity, verification, more storytelling, Re-emergence of long form journalism
   • Changes in news presentation and newspaper design, infographics, integration with social media platforms

Unit - 3 Data Journalism   (12 periods)

   • Growth and development of digital media, its impact on society
   • Content Management System and various ways of Digital Storytelling
   • Digital analytics and Search Engine Optimization
   • What is data? Significance and interpretation of data
   • Basic skills and procedures for data analysis and data journalism
   • Examples and practices of Data Visualization

Unit — 4 Mobile Journalism: (12 periods)
   • Understanding the features of Smart- phones.

- Telling compelling stories / photo stories using mobile devices,
- rich multi-media enabled apps, storytelling methods for mobile consumers.
- Tools and best practices for editing and posting videos for mobile platforms.
- Mobile Journalism and its advantages.
- Understanding the skills required for mastering in mobile journalism.
- Managing the journalistic workflow with mobile

Unit - 5 Multi-media Journalism (12 periods)

- Growth of multi-media environment and blurring boundaries of media platforms
- multi-media production skills, Backpack and Collaborative Journalism
- Use of social media for Journalism: From sourcing news to 'promotion
- Artificial Intelligence, Internet of Things, and its possible use in journalism
- Entrepreneurship in multi-media space

Course Outcomes:
CO1 Students will be able to explain the changing media landscape and its social implications.
CO2 Students will be able to identify and adapt to new journalism practices and skill requirements.
CO3 Students will be able to effectively utilize new tools and sources for in-depth and comprehensive news coverage.
CO4 Students will be able to analyze and interpret data to enhance their reporting and storytelling.
CO5 Students will be able to produce compelling multimedia content using mobile devices and platforms.
CO6 Students will be able to integrate multimedia skills into their journalistic workflow for diverse platforms.
CO7 Students will be able to critically evaluate the ethical implications of emerging technologies in journalism.

References:

- Briggs, Mark. Journalism 2.0. J Lab and Knight Citizen News Network.
- Feldman, Tony. An Introduction to Digital Media. Routledge.
- Howard, Alexander. The Art and Science of Data-Driven Journalism, Tow Centre for Digital
- Journalism
- Handbook for Media, General Elections to The 17th Lok Sabha 2019, Election Commission of India
- New Media and Politics, Sage
- Digital Journalism: Making News, Breaking News, Open Society Foundation
- The Routledge Handbook of Developments In Digital Journalism Studies
- The Handbook of Global Online Journalism, Wiley-Blackwell
  गरुड, ळवश्वनार्थ (२०१९), ळडळजिल पत्रकारिरा, गमभन प्रकाशन.

Mapping of Program Outcomes with Course Outcomes

Class: M.Voc- (Sem-II)   **Subject:** M.Voc-Media

Studies**Course: Principles of Advertising**   **Course Code**: PMMS121

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3								
CO2		3			3		2	2	
CO3				2					2
CO4				2					
CO5			2						
CO6			2						
CO7						2			

PO1 - Disciplinary Knowledge:
CO1: Students explaining the changing media landscape and its social implications aligns with demonstrating comprehensive knowledge of media disciplines.

PO2 - Critical Thinking and Problem Solving:
CO2: Identifying and adapting to new journalism practices involves critical design thinking and finding creative solutions to evolving challenges.

PO3 - Social Competence:
CO5: Producing compelling multimedia content using mobile devices and platforms requires effective communication skills and the ability to connect with the audience.
CO6: Integrating multimedia skills into journalistic workflow for diverse platforms involves effective interactive and presenting skills.

PO4 - Research-Related Skills:
CO4: Analyzing and interpreting data to enhance reporting aligns with the sense of inquiry and capability for asking relevant questions.
CO3: Effectively utilizing new tools and sources for in-depth and comprehensive news coverage involves planning, executing, and reporting results, demonstrating research-related skills.

PO5 - Personal and Professional Competence:
CO2: Adapting to new journalism practices and skill requirements reflects the ability to perform independently and participate in team activities.

PO6 - Effective Citizenship and Ethics:
CO7: Critically evaluating the ethical implications of emerging technologies in journalism aligns with demonstrating empathy and an informed awareness of moral and ethical issues.

PO7 - Environment and Sustainability:
CO1: Explaining the changing media landscape and its social implications can include understanding the impact of media solutions in societal and environmental contexts, aligning with environmental sustainability.

PO8 - Self-directed and Life-long Learning:
CO2: Adapting to new journalism practices and skill requirements reflects the ability to engage in independent and life-long learning.

PO9 - Trans-disciplinary Research Competence:
CO3: Utilizing new tools and sources for in-depth and comprehensive news coverage can involve creating new conceptual, theoretical, and methodological innovations, demonstrating trans-disciplinary research competence.

Broadcast Journalism

General education   **Paper No. – PMMS122**
Maximum Marks: 100   **Credits: 4**
Teaching Period: 2/week   **Teaching Load: 60 Theory Period**

Course Objectives:
1. Comprehend the historical development of television news and its impact on society.
2. Gain familiarity with essential vocabulary and concepts used in television and radio newsrooms.
3. Understand the organizational structure and operational aspects of a 24-hour news channel.
4. Identify roles and responsibilities of various personnel involved in news production and broadcasting.
5. Develop skills in news gathering, writing, and reporting for different situations and events.
6. Enhance presentation and production skills for impactful television news delivery.
7. Critically analyze ethical considerations in broadcast journalism and self-regulation practices.

CONTENT:
Unit 1 TV News & Historical Perspective   (7 periods)

• TV News- Historical Perspective
• 1970s and Early 1980s – Golden years
• Transition in Technology

Unit 2 TV & Radio Newsroom terms   (7 periods)

• Basic News scripts, Reader, Character, Generator, Voice-over, Sound Bite, Voiceover/Sound Bite.
• Story Types- Spot News, Hard News, Backgrounder, Side bar, Documentary, Item selection and order
• Important Terms: Editing, Land line, Closed circuit, teleprompter, Network ability, market, Ratings, consultant, cut ins
• Writing for Broadcast- conventional, News writing, broadcast style Book

Unit 3 Structure of a 24-hour News Channel   (7 periods)
• Organization, Operation & Management
• Economics: Ad spent, Sponsorship, News share
• Technology: Ever fast changing.
• Facilities: studio / editing, uplink-Satellites, Earth stations, MW links, Archival facilities
• Collaboration / Competition with other News channel / News Agencies from abroad
• Camera crew members

Unit 4 Roles and responsibilities of personals in news organization   (7 periods)
• News Reader / Anchors, Weather caster, Sports caster, News Director
• Assistant News Director, Assignment Editor, Executive Producer
• Producer - Assistant Producer, Reporter/correspondent, Photographer/Video Cameraman, Production Assistant, Video Archivist, News Reading mechanics

Unit 5 News Gathering, News Broadcasting   **(7 periods)**
- In Normal Routine Day & Special situations
- Daily News and News analysis
- Special events, Political coverage
- War / Conflicts, & Crime, disasters etc
- Elections: National, regional, Civil Disturbance, riots, ethnic violence, acts of terrorism
- Cultural festivals, social functions

Unit 6 Presentation and Production   **(7 periods)**
- Anchoring
- Interviewing
- Current affair programs and group debates
- Live coverage

Unit 7 Business Aspects of TV News   **(7 periods)**
- T.V. Market
- Market size and career
- Raising revenues and sponsorships

Unit 8 Ethics in broadcast Journalism   **(7 periods)**
- Need for code of ethics for journalists
- Relations with business and advertising
- Code of publication for advertisements
- Relation with state and central government
- Code for Commercial Broadcasting]
- Self-regulation by news channels

Course Outcomes:

CO1. Students will be able to discuss the evolution of television news and its contributions to shaping historical narratives.

CO2. Students will demonstrate fluency in using and applying key terminology related to broadcast news creation and dissemination.

CO3. Students will be able to explain the structure, systems, and processes involved in running a 24-hour news channel.

CO4. Students will identify and describe the roles and responsibilities of various individuals within a news organization.

CO5. Students will develop skills in researching, writing, and presenting news reports for different platforms and audiences.

CO6. Students will be able to effectively anchor, interview, and participate in current affairs programs or live coverage.

CO7. Students will critically analyze ethical dilemmas in broadcast journalism and demonstrate awareness of self-regulation practices.

Recommended Readings:
1. TV News, Building a Career in Broadcast Journalism, Ray White
2. Broadcast Journalism: Techniques of Radio and TV News, Andrew Boyd
3. Ethics for Media, William Reeves, and Cleave Mathews
4. Ethics in Journalism, Jeffrey Olen

Mapping of Program Outcomes with Course Outcomes

Class: M.Voc- (Sem-II)   **Subject:** M.Voc-Media Studies
Course: Broadcast Journalism   **Course Code**: PMMS122
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2		2	2			2	1	2
CO2	2	2						1	
CO3	2	2					2	1	
CO4	2			2				1	
CO5	2	2	2	2	2		2	1	
CO6	2	2	2		2			1	
CO7	2	2	2	2		2	2	1	2

Justification

PO1 - Disciplinary Knowledge: CO1, CO2, CO3, CO4, CO5, CO6, CO7
The evolution of television news, understanding broadcast news terminology, knowledge of the structure and processes of a 24-hour news channel, and identification of roles within a news organization are all aspects that contribute to comprehensive disciplinary knowledge.

PO2 - Critical Thinking and Problem Solving: CO2, CO3, CO5, CO6, CO7
Critical design thinking is required in understanding and applying key terminology, presenting news reports effectively, analyzing ethical dilemmas, and making decisions on the most appropriate options in news creation and dissemination.

PO3 - Social Competence: CO1, CO5, CO6, CO7
Justification: Effective communication, building interactive and presenting skills, and the ability to communicate thoughts and ideas orally and in writing contribute to social competence. This is crucial for connecting with people individually or in group settings in a global context.

PO4 - Research-Related Skills: CO1, CO4, CO5, CO7
Justification: Research skills are demonstrated in discussing the evolution of television news, planning and executing news reports, and critically analyzing ethical dilemmas in broadcast journalism.

PO5 - Personal and Professional Competence: CO5, CO6
Justification: Independence, teamwork, cooperation, enthusiasm, and commitment are demonstrated in developing skills for news reporting and participation in current affairs programs.

PO6 - Effective Citizenship and Ethics: CO7

Justification: Awareness of moral and ethical issues, commitment to professional ethics, and the ability to analyze ethical dilemmas in broadcast journalism align with effective citizenship and ethical considerations.

PO7 - Environment and Sustainability: CO1, CO3, CO5, CO7
Justification: Understanding the impact of scientific solutions on societal and environmental contexts and demonstrating knowledge of sustainable development are reflected in various aspects of news reporting.

PO8 - Self-directed and Life-long Learning: CO1, CO2, CO3, CO4, CO5, CO6, CO7
Engagement in independent learning, fluency in key terminology, understanding the structure and processes of news channels, and participating in current affairs programs contribute to lifelong learning.

PO9 - Trans-disciplinary Research Competence: CO1, CO7
Innovations in conceptual, theoretical, and methodological approaches to address common problems are reflected in the critical analysis of ethical dilemmas in broadcast journalism

First Year   **Semester II**
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Script Writing
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Skill component   **Paper No. - PMMS 124**
Maximum Marks: 100   **Credits: 4**
Teaching Period: 2 /week   **Teaching Load: 15 Practical's/Semester**

Course Objectives:
1. To familiarize the students with script writing.
2. To create understanding of various styles of scripts in audio- visual production.
3. To develop storytelling skills for screen.
4. To identify the genres and forms of fiction
5. To understand the aesthetics of audio- visual production.
6. To take a story from paper to screen
7. To learn the visual narrative of screenplay

CONTENT
Practical on writing for the screen   **(2 practical)**
- The Nature and Characteristics of Media Writing
- Literary text v/s text written for the screen
- Understanding the written word as a blue-print for visuals
- Visualization: 'Seeing' and 'Hearing' before writing

Practical on Developing the events and characters   **(2 practical)**
- Conscious attention to surroundings/Listening carefully, reading, observing, writing a diary regularly
- Types of Ideas: Event-led, character-based, reality-based, concept-led
- Choosing and Formulating the Theme: Choosing Characters and their Points of Views. The Concept/Idea diary

Practical on writing and structuring story   **(3 practical)**
- Chain of linear, chronological cause-effect event structure.
- The Three Act Structure:
- Beginning-middle-end(Character-Setting-Problem-Resolution)
- Formingfamiliarassociationswiththewrittenword:ShortStory=shortfilm,Novel= feature film, Research paper/essay(with human touch)=Documentary.
- Other Parts of the Story: Character Backstories, Sub-story arcs

Practical on writing the screenplay   **(4 practical)**
- Formulating the Visual Narrative: Story+ Plot Order
- The Treatment: Plotting Scenes and Scene Flow
- Types of Narratives The First Draft and going beyond

Practical on Formatting: Fiction, Non-Fiction, Script and Screenplay (4 practical)
- What is a Scene? What is a Unit?(Fiction v/s Non-Fiction)
- Screenplay without Dialogue: The Scene/Unit Skeletal Structure. Dialogue: Types, Rules, Methods
- Formatting the Screenplay: Introduction to Celts /Final draft.

Course Outcomes:
1. Familiarize the students with script writing
2. Create understanding of various styles of scripts in audio- visual production

3. Develop storytelling storytelling skills for screen.
4. Identify and explore the genres and forms of fiction
5. Understand the aesthetics of audio- visual production.
6. Take a story from paper to screen
7. Learn the visual narrative of screenplay

Choice Based Credit System Syllabus (2022 Pattern)
Mapping of Program Outcomes with Course Outcomes

Class: FY M.Voc (Sem II)   Subject: Media Studies
Course: Script Writing   Course Code: **PMMS 124**
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9
CO1	3								
CO2		3							
CO3					2				
CO4									3
CO5						1			
CO6								3	
CO7			2						

Justification for the mapping

PO1: Disciplinary Knowledge (3): Scriptwriting involves comprehensive knowledge of storytelling techniques, industry standards, and narrative structures.CO1: Familiarize the students with script writing.

PO2: Critical Thinking and Problem Solving (3): Understanding various styles of scripts requires critical thinking to analyze and evaluate creative solutions in scriptwriting.CO2: Create understanding of various styles of scripts in audio-visual production.

PO5: Personal and Professional Competence (2): Developing storytelling skills for the screen involves personal and professional competence in crafting narratives that engage and resonate with the audience.CO3: Develop storytelling skills for screen.

PO9: Trans-disciplinary Research Competence (2): Exploring genres and forms of fiction requires a trans-disciplinary approach, integrating different storytelling elements.CO4: Identify and explore the genres and forms of fiction.

PO6: Effective Citizenship and Ethics (2): Understanding the aesthetics of audio-visual production involves considerations of ethical and aesthetic choices in storytelling.CO5: Understand the aesthetics of audio-visual production.

PO8: Self-directed and Life-long Learning (3): Taking a story from paper to screen requires continuous learning, adapting to technological changes and industry trends.CO6: Take a story from paper to screen.

PO3: Social Competence (2): Learning the visual narrative of screenplay involves effective communication through visual storytelling, aligning with social competence.CO7: Learn the visual narrative of screenplay.

First Year   Semester II
                          Digital Content Publication

    Skill education   **Paper No. - PMMS125**
    Maximum Marks: 100   **Credits: 4**

Course Objectives:

1. To familiarize students with the digital media landscape, including various platforms, trends, and technologies.
2. To develop proficiency in digital publishing tools and platforms for creating and formatting content online.
3. To instruct students on optimizing content for online consumption, multimedia integration, and user engagement.
4. To teach students to leverage social media platforms for the distribution of experimental newspapers.
5. To introduce students to key metrics for analyzing digital content performance, including views, shares.
6. To instruct students on making experimental newspapers accessible and interactive in a digital environment.
7. To educate students on digital copyright laws, ethical considerations, and responsible content sharing practices.

Content:
Practical on production of Experimental Journal   **(5 practical)**
- Production of Laboratory Journal
- Minimum 60% content should be news based
- Design and layout news paper
- Publication on various digital Platforms

Practical on creation of Blogs   **(2 practical)**
- Creating individual Blogs- Blogger, WordPress
- Writing a News stories, and feature
- Writing with hyperlinks
- Publish content on Social media Platforms

Practical on creation of Podcast   **(3 practical)**
- Introduction of Podcasting
- Content creation and writing for Podcasts
- Different types of Podcasting
- Production of Podcasts

Practical on Digital Storytelling   **(3 practical)**
- Storytelling structures that work on the Web
- Storytelling using text and Image,

- Storytelling using Audio and Video

Practical on process of fact checking   **(2 practical)**
- Video and Photo verification
- Digital hygiene
- Use of 5W1H to find fake information

Course Outcome:

1. Students will gain a comprehensive understanding of the digital media ecosystem.
2. Students will acquire the skills to use digital publishing software and platforms to design, format, and distribute content in a digital format.
3. Students will produce content that is tailored for digital platforms, ensuring a seamless and engaging online reading experience.
4. Students will demonstrate the ability to strategically use social media to promote and distribute their content.
5. Students will be able to analyze digital metrics to assess the impact and reach of their experimental newspapers, informing future content strategies.
6. Students will create content that is accessible to a diverse audience and incorporates interactive elements, enhancing user engagement.
7. Students will demonstrate an understanding of digital copyright and ethical principles, ensuring responsible and legal distribution of their content.

Mapping of Program Outcomes with Course Outcomes

Class: F.Y.M.Voc (Sem-II)   **Subject:** Media studies MS
Course: Digital content publication   **Course Code**: PMMS125

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3								
CO2					3			3	
CO3									
CO4		3							
CO5					3	1			
CO6			3						6
CO7				2					

Justification of mapping

PSO1. Disciplinary Knowledge:
CO1: Students will emphasizing the need for us to familiarize themselves with the digital media landscape, including various platforms, trends, and technologies. This involves comprehensive knowledge of the discipline of digital content publication.

PSO2. Critical Thinking and Problem Solving:
CO4: Encouraging students to develop proficiency in digital publishing tools, optimize content for online consumption, and strategically use social media platforms. Critical design thinking is required to address challenges in the digital content publication process.

PSO3. Social Competence:
CO6: Emphasizing effective communication in a digital environment, including thoughts and ideas presented online. Building interactive skills and utilizing social media platforms contribute to social competence.

PSO4. Research-Related Skills:
CO7: Instructing students on making experimental newspapers accessible and interactive, understanding digital metrics, and integrating multimedia. These activities require research-related skills and a sense of inquiry.

PSO5. Personal and Professional Competence:
 CO2: Encouraging students to perform independently, participate in team activities, and demonstrate cooperation in digital content publication. The commitment to improving personal and team performance is essential in a professional setting.

PSO6. Effective Citizenship and Ethics:

CO5: PSO6 is reflected in CO5s by educating students on digital copyright laws, ethical considerations, and responsible content sharing practices. This ensures effective citizenship and ethical behavior in the digital media landscape.

PSO8. Self-directed and Life-long Learning:
CO2: PSO8 is reflected in CO2s by acquiring the ability to engage in independent and life-long learning in the context of socio-technological changes. This is essential for staying updated in the dynamic field of digital content publication.

PSO9. Trans-disciplinary Research Competence:
CO6: PSO9 aligns with COs by encouraging students to create new conceptual, theoretical, and methodological innovations in digital content publication, transcending discipline-specific approaches.

First Year   **Semester II**

<div align="center">

Camera Techniques- II
</div>

Skill component   **Paper No. - PMMS 126**
Maximum Marks: 100   **Credits: 4**
Teaching Period: 2 /week   **TeachingLoad:15 Practical's/Semester**

Course Objectives:
1) Master the technical aspects of camera settings, including exposure, shutter speed, aperture, and white balance.
2) Familiarize participants with the principles and applications of different lenses.
3) Instruct participants in the technical aspects of recording audio using camcorders.
4) Develop participants' skills in understanding and applying composition principles for effective visual storytelling in various scenarios.
5) Provide participants with practical knowledge of lighting fundamentals, techniques, and control accessories for indoor and outdoor shooting situations.
6) Guide participants through practical exercises in selecting locations, observing available light.
7) Facilitate hands-on experience in shooting interviews.

Content:
Practical on setting and control of Camera   **(2 practical)**

- Exposure
- Shutter Speed
- Aperture-DOF
- Importance of Sensor size
- White-balance
- Exploring manual mode

Practical on Understanding and shooting with different lens   **(2 practical)**

- Introduction to lens
- Different type of lens
- Applications of lens
- The filters

Practical on Recording Audio in Camcorder   **(2 practical)**

- Understanding Microphones
- Controlling Audio in the camera
- Monitoring Audio level Selecting Audio Tracks

Practical on various Compositions   **(2 practical)**

- Understanding Composition
- Elements of Composition
- Composition for different aspect ratio
- Effect of Visual Balance
- Application of Composition
- Composing moving image Communication through visuals

Practical on Lights   **(2 practical)**

- Introduction of Light

- Basics: 6 Elements
- Lighting techniques
- Matching indoor and outdoor
- High key and low key
- Situation based lighting
- Use of lighting control accessories

Practical on Shooting   **(5 practical)**
- Selecting location
- Observing available light
- Shooting indoor with lights
- Shooting outdoor in available lights
- Shooting outdoor with lights
- Observing different locations
- shooting an interview with audio onDifferent locations

Course Outcomes:
1) Participants will demonstrate precise control over camera settings, ensuring optimal exposure, focus, and composition in diverse shooting conditions.
2) Participants will showcase proficiency in selecting and using different lenses, filters, and shooting techniques to produce visually captivating images.
3) Participants will exhibit competence in recording high-quality audio, managing microphone setup, and selecting appropriate audio tracks for video production.
4) Participants will apply principles of composition to create visually balanced and compelling narratives in various aspect ratios and scenarios.
5) Participants will demonstrate proficiency in understanding and manipulating light for effective indoor and outdoor shooting, employing various lighting techniques.
6) Participants will exhibit the ability to select suitable shooting locations, observe available light, and apply appropriate techniques for optimal results.
7) Participants will produce interviews with clear audio and visually engaging content, showcasing their ability to apply learned skills in diverse shooting environments.

Mapping of Program Outcomes with Course Outcomes

Class: F.Y.M.Voc (Sem-II) Subject: Media Studies
Course: Camera techniques-II Course Code: **PMMS 126**
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9
CO1	3							3	
CO2									
CO3				3					
CO4		3				3			3
CO5					3		3		
CO6									
CO7			3						2

Justification for the mapping

PO1: Disciplinary Knowledge
CO1 Justification: The mastery of camera settings, lenses, audio recording, composition, lighting, location selection, and interview production requires a comprehensive understanding of the disciplines involved in media production within the B.Voc program.

PO2: Critical Thinking and Problem Solving
CO4 Justification: Critical design thinking is essential in selecting lenses, filters, and creative solutions for effective composition and lighting, emphasizing problem-solving skills in visual storytelling.

PO3: Social Competence
CO7 Justification: Effective communication skills are crucial in recording clear audio and producing interviews with engaging content, showcasing social competence in media production.

PO4: Research-Related Skills
CO3 Justification: Research skills are evident in planning and executing experiments related to camera settings, audio recording, and interview production, aligning with the program's emphasis on research-related skills.

PO5: Personal and Professional Competence
CO6 Justification: Independence, teamwork, enthusiasm, and commitment are demonstrated in the selection of shooting locations and the production of interviews, showcasing personal and professional competence.

PO6: Effective Citizenship and Ethics
CO4 Justification: Demonstrating empathy, moral awareness, and ethical considerations in composition and interview production aligns with effective citizenship and ethical behavior in the field of media production.

PO7: Environment and Sustainability

CO5 Justification: Understanding the impact of scientific solutions, as emphasized in the B.Voc program, is evident in the application of sustainable lighting techniques in indoor and outdoor shooting scenarios.

PO8: Self-directed and Life-long Learning

CO1 Justification: The ability to engage in independent and life-long learning is essential in mastering camera settings and staying updated with evolving lighting techniques in the dynamic field of media production.

PO9: Trans-disciplinary Research Competence

CO4 and CO7 Justification: Creating conceptual, theoretical, and methodological innovations is reflected in the application of composition principles and interview production, transcending discipline-specific approaches in media production

First Year   Mobile Production
Skill component   Paper No. - PMMS 127
Maximum Marks: 100   Credits: 4
Teaching Period: 2 /week   TeachingLoad:15 Practical's/Semester

Course Objective:
1. Develop proficiency in news coverage using mobile devices.
2. Master the art of creating short videos tailored for various social media platforms.
3. Acquire skills in creating short advertising content for popular social media platforms
4. Develop expertise in covering departmental, interdepartmental, and college events using mobile devices.
5. Gain experience in live video production by covering significant events like Pandharpur Wari, Moropanat debate competition.
6. Engage in hands-on exercises, including the creation of a 1-minute short video and a 3-minute short film
7. Encourage critical analysis and self-reflection on produced content, seeking continuous improvement in storytelling.

Content:

News Production on Mobile   (2 practical)

- News coverage on mobile
- Interviews / Bites
- PTC
- Vox-pop

Short Video Production on Mobile   (2 practical

- Reels Video for Instagram
- IGTV Videos Instagram
- Short Video for Youtube
- Video for Moj&Josh

Short Advertising production on Mobile   (3 practical)

- Advertising for Facebook
- Advertising for Instagram
- Advertising for YouTube

Short Videos production on Mobile   (3 practical)

- Department events coverage
- Coverage other departments events
- College Event Coverage

Live Video Production   (3 practical)

- Video production of PandharpurWari
- Video production of Moropanat debate Competition
- Video Production of Ganapati Festival
- Video Production of any political Local Program in Baramati

Exercises   (3 practical)

- Short video of 1 minute
- short-film of around 3 minutes as a group activity

Course Outcome:

1. Students will demonstrate the ability to produce news content on mobile, showcasing effective interviewing techniques, bites capture, PTC delivery, and vox pop creation.

2. Students will produce engaging short videos optimized for different social media platforms, displaying an understanding of platform-specific content requirements.

3. Students will create impactful advertising content for mobile platforms, demonstrating an understanding of effective storytelling and visual elements for digital advertising.

4. Students will showcase event coverage skills, producing visually appealing and engaging videos that highlight the essence of various events within the college.

5. Students will demonstrate the ability to produce high-quality live videos, capturing and presenting events in real-time while maintaining technical and storytelling excellence.

6. Students will produce short videos and films, applying the skills learned throughout the course, demonstrating creativity, teamwork, and effective storytelling.

7. Students will develop the ability to critically analyze their own work, identifying strengths and areas for improvement, fostering a mindset of continuous learning and adaptation in the evolving landscape of mobile video production.

Mapping of Program Outcomes with Course Outcomes

Class: F.Y.M.Voc- (Sem-II)   Subject: Media Studies
Course: Mobile production   Course Code: **PMMS 127**
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9
CO1		3							
CO2			3						
CO3				3		3			
CO4									
CO5									
CO6					3				
CO7								3	

Justification for the mapping

PO2. Critical Thinking and Problem Solving:
CO1: Students will demonstrate critical design thinking while producing news content, showcasing effective interviewing techniques, bites capture, PTC delivery, and vox pop creation. They need to predict creative solutions for effective content production.

PO3. Social Competence:
CO2: Students will produce engaging short videos optimized for different social media platforms, displaying an understanding of platform-specific content requirements.

PO4. Research-Related Skills:
CO4: Students will showcase event coverage skills, producing visually appealing and engaging videos that highlight the essence of various events within the college.

PO5. Personal and Professional Competence:
CO6: Students will produce short videos and films, applying the skills learned throughout the course, demonstrating creativity, teamwork, and effective storytelling.

PO6. Effective Citizenship and Ethics:
CO3: Students will create impactful advertising content for mobile platforms, demonstrating an understanding of effective storytelling and visual elements for digital advertising.

PO8. Self-directed and Life-long Learning:
CO7: Students will develop the ability to critically analyze their own work, identifying strengths and areas for improvement, fostering a mindset of continuous learning and adaptation in the evolving landscape of mobile video production.

First Year/ Semester II

<p align="center">Internship-I/Project Assistance</p>

Practical   **Paper No.UBJM128**
Maximum Marks: 50   **Credits: 2**

Course Objectives:

1. Develop proficiency in presenting internship experiences: Prepare students to deliver effective presentations summarizing their internship experience, including organization details, learning objectives, work allocation, supervisor information, project details, acquired skills, challenges faced, and contributions made.

2. Enhance organizational and time management skills: Equip students with the ability to maintain a detailed internship diary, recording daily work tasks, allocated hours, and key learnings, promoting organized work practices and efficient time management.

3. Promote critical reflection and self-assessment: Encourage students to critically analyze their internship experience, reflecting on skills they acquired, those required beyond the syllabus, and problems encountered and solved, fostering self-awareness and professional development.

4. Strengthen communication and collaboration skills: Through presenting and writing about their internship, students refine their communication skills in written and oral forms, while also reflecting on team collaboration experiences within the organization.

5. Bridge the gap between theoretical knowledge and practical application: Provide an opportunity for students to apply theoretical knowledge gained in the classroom to real-world work scenarios, demonstrating the practical use of skills and concepts covered in the curriculum.

6. Prepare students for professional entry: Equip students with essential skills and experiences needed for entering the workforce, including resume building, portfolio development, and professional communication with internship supervisors and organizations.

7. Promote responsible citizenship and ethical conduct: Encourage students to reflect on their role in the organization and how their work contributed to its positive functioning, emphasizing professional ethics and responsible engagement in the workplace.

Compulsory Post Internship Presentation/ Report
(Details expected in the post internship presentation:
A. Name of the Organization where the Internship was carried out.
B. Contents of what was proposed to be learnt during internship.
C. Allocation of 45 days Internship Programme.
D. Name and Designation of Supervising authority.
E. Work Profile assigned for the Internship Programme.
F. Skills acquired.
G. Skills required in completing the given task which was not taught in the syllabus.
H. Problems encountered and problems solved while Interning
I. Contribution of students towards better functioning of the organization.

Internship Diary/ Log Sheet
A. 45 Days compulsory Internship Diary.
B. Each day has to be mentioned with a date.
C. Details of work allotted and done has to be mentioned every day.
D. Working hours are also to be mentioned.

Internship Programme Certificate
A. Internship certificate given from the respective organization of completed internship days.

Feedback Form
A. Feedback from duly signed and stamped by the internship provider from the Organization.

Course Outcomes:

CO1. Students will be able to deliver a comprehensive and well-organized presentation of their internship experience.

CO2. Students will be able to maintain a detailed and informative internship diary, documenting daily activities and learning.

CO3. Students will be able to critically analyze their internship experience, identifying acquired skills, skills gaps, and lessons learned.

CO4. Students will be able to demonstrate effective communication in both written and oral forms through internship reports and presentations.

CO5. Students will be able to articulate how their theoretical knowledge was applied in real-world internship tasks.

CO6. Students will be able to showcase internship experiences on resumes and portfolios, enhancing their employability.

CO7. Students will be able to reflect on their professional conduct and contribution to the organization, fostering ethical and responsible work practices.

Mapping of Program Outcomes with Course Outcomes

Class: M.Voc- (Sem-IV)   **Subject:** M.Voc-Media

Studies**Course: Industrial Internship**   **Course Code**: **PMMS 241B**

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1				2					2
CO2				2					
CO3		3							
CO4			2					2	
CO5	2					2	2		
CO6					2				
CO7					2				

Justification for the mapping

PO1 - Disciplinary Knowledge: CO5
Course outcome directly aligns with Program Outcome 1 as it requires students to apply the disciplinary knowledge gained in their undergraduate B.Voc program to real-world situations during their internship.

PO2 - Critical Thinking and Problem Solving:CO3
This course outcome focuses on critical analysis, aligning with the program outcome of critical design thinking and problem-solving. It encourages students to assess their

experiences and apply critical thinking to identify areas for improvement and lessons learned.

PO3 - Social Competence:CO4

course outcome ensures that students can express their thoughts and ideas effectively in both written and oral forms, fulfilling the requirements of social competence outlined in PO3.

PO4 - Research-Related Skills:CO1, CO2

Both course outcomes require students to document and report on their internship experiences, demonstrating research-related skills such as inquiry, planning, and reporting results. This aligns with the program outcome related to research skills.

PO5 - Personal and Professional Competence: CO6 , CO7

Both course outcomes contribute to building personal and professional competence. CO6 enhances employability, and CO7 focuses on reflecting on professional conduct and ethical practices, aligning with PO5.

PO6 - Effective Citizenship and Ethics:CO7

This course outcome directly aligns with the program outcome related to ethics. It requires students to reflect on their professional conduct and contribute to the organization in an ethical and responsible manner.

PO7 - Environment and Sustainability: CO5

Applying theoretical knowledge to real-world tasks may involve considering the impact of scientific solutions on societal and environmental contexts, aligning with the program outcome related to environment and sustainability.

PO8 - Self-directed and Life-long Learning: CO2

Maintaining a detailed internship diary involves continuous learning and self-reflection, aligning with the program outcome related to self-directed and lifelong learning.

PO9 - Trans-disciplinary Research Competence:CO1 –

Delivering a comprehensive presentation may involve integrating and transcending beyond discipline-specific approaches, aligning with the program outcome of trans-disciplinary research competence