



**Dayanand Science College, Latur,
Maharashtra, India**

Department of Computer Science

ATR

**Interdisciplinary Course on Digital Literacy & Emerging
Technologies in Collaboration with
Dayanand Institute of Pharmacy, Latur**

By

Dr. R. B. Shinde
Head, Department of Computer Science
Dayanand Science College, Latur,
Maharashtra, India.

Web: [www.https://dsclatur.org/](https://dsclatur.org/)

Phone no: 9822797930

Pin: 413512

**Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with
Dayanand Institute of Pharmacy, Latur**

**Event: Interdisciplinary Course on Digital Literacy & Emerging Technologies in
Collaboration with Dayanand Institute of Pharmacy, Latur**

Sr. No	Title	Information
1.	Name of Department	Computer Science
2.	Title of Event	Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with Dayanand Institute of Pharmacy, Latur
3.	Date or Duration	05 January, 2026
4.	Venue of the Event	Seminar Hall
5.	Sponsor/ Collaboration	Computer Science Department
6.	Level of Event	Department
7.	Aims/Objectives of the Event	The aim of this interdisciplinary course is to equip learners with essential digital literacy skills and a foundational understanding of emerging technologies in order to thrive in a rapidly evolving digital world. The course seeks to develop students' ability to effectively use digital tools, critically evaluate online information, and ensure safe and ethical use of technology
8.	Beneficiaries/ Participants	B. Pharm I Year Students
9.	Number of Participants	Students: 55 & Teachers: 01
10.	Name of Resource Person	Dr. R. B. Shinde
11.	Name of Coordinator	Dr. R. B. Shinde
12.	Photographs	Attached
13.	Evidence Produced	<ul style="list-style-type: none"> • Photography • Attendance
14.	Outcomes of the Event	Students will be able to effectively use digital tools and platforms while demonstrating safe, ethical, and responsible use of technology. They will gain a basic understanding of emerging technologies such as Artificial Intelligence, Cyber Security, IoT, Data Science, and Cloud Computing. The course will enable them to apply digital skills for problem-solving, critically evaluate online information, and enhance innovation and collaboration abilities, ultimately making them digitally competent and career-ready individuals.
15.	Any other information	-----

**Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with
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Introduction

In today's rapidly evolving digital era, digital literacy has become an essential skill for students across all disciplines. With the growing influence of emerging technologies such as Artificial Intelligence, Cyber Security, Internet of Things (IoT), Data Science, and Cloud Computing, it is important for learners to understand and adapt to these advancements. This interdisciplinary course is designed to bridge the gap between technology and other fields of study by providing foundational digital skills along with awareness of modern technological trends. It aims to empower students to use digital tools effectively, think critically, and apply innovative solutions in real-world situations, thereby preparing them for future academic and professional challenges.

The proposed results were:

The course is expected to enhance students' digital competence by enabling them to confidently use various digital tools and platforms. Students will develop awareness and basic understanding of emerging technologies and their practical applications. It will improve their critical thinking, problem-solving, and collaborative skills while promoting safe and ethical use of technology. Ultimately, the course will prepare students to adapt to technological advancements and become competent, responsible, and future-ready professionals.

Participants

- The 55 students were present from B. Pharm. FY students.

Outcomes of this Competition

After completing the course, participants will be able to:

- Students will be able to use digital tools and platforms effectively
- Demonstrate safe, ethical, and responsible use of technology
- Understand basic concepts of emerging technologies (AI, Cyber Security, IoT, Data Science, Cloud Computing)
- Apply digital skills for problem-solving and decision-making
- Analyze and evaluate online information critically
- Develop innovation and collaboration skills
- Become digitally competent and career-ready individuals



Dr. R. B. Shinde
Head, Dept. of Computer Science

Head
Department of Computer Science
Dayanand Science College, Latur

Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with Dayanand Institute of Pharmacy, Latur



IQAC Letter

Date : 02.01.2026

To,
The IQAC Coordinator,
Dayanand Science College,
Latur.

Subject: Seeking permission to organize **Inter –Disciplinary Course in Dayanand Institute of Pharmacy, Latur.**

Respected Sir,

Department of Computer Science is organizing the **Inter–Disciplinary Course in Dayanand Institute of Pharmacy, Latur** on **05th January, 2026**. I am writing to respectfully seek permission to organize **Inter –Disciplinary Course at Dayanand Institute of Pharmacy, Latur**. The aim of this interdisciplinary course is to equip learners with essential digital literacy skills and a foundational understanding of emerging technologies in order to thrive in a rapidly evolving digital world. The course seeks to develop students' ability to effectively use digital tools, critically evaluate online information, and ensure safe and ethical use of technology. So kindly permit **Computer Science Department** for taking this **Inter –Disciplinary Course**.

Thanking You.

Yours Faithfully,

Head
HOD
Department of Computer Science
Dayanand Science College, Latur

Permit by

IQAC Coordinator
IQAC - Coordinator
Dayanand Science College
Latur, M.S. (INDIA)

IQAC Principal
Dayanand Science College,
Latur

Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with Dayanand Institute of Pharmacy, Latur



Attendance

Name of Paper/Course: Digital Literacy & Emerging Tech Paper Code: DSCLE085 001
 Class: B.Pharm - I Name of Teacher: Dr. R. B. Ghinde

Sr. No.	Roll No.	Name of the Students	Slr
1.	42	Vidyaish mahajan	✓
2.	52	Aditya Parbale	Aditya
3.	60	Shaikh Sami	sami
4.	47	Omkar Namwad	omkar
5.	38	Kohale Vedant	Vedant
6.	37	Kedar Abhay	Abhay
7.	09	CHAVAN AJIT	Ajit
8.	11	Chaudekar Shegash	Shegash
9.	43	More Adhyayan	More
10.	48	Nipani Kar Sheegash	Sheegash
11.	63	Talikhedkar Anurog	Anurog
12.	10	Chavon Shrinivas L.	Shrinivas
13.	44	Muchute Somesh	Somesh
14.	19	Chavali Pranav	Pranav
15.	25	Hasbe shallesh	Shallesh
16.	15	Gaikwad Akash	Akash
17.	35	Kamalkar Shriharsh	Shriharsh
18.	07	Bodke Manoj Madh	Manoj
19.	30	Jadhavrao Nalush	Nalush
20.	01	Agarwal Chirag	Chirag
21.	12	Dodge shrinivas	shrinivas
22.	41	Magaj Karim	Karim
23.	58	Mukhim Shaikh	Shaikh
24.	2	Apsingekar	Apsingekar
25.	29	Jadhav Amit	Amit
26.	28	Ingale Tulshiram	Tulshiram

27.	22	Giri Kiran Pandit	Kiran
28.	20	Ghodake Anadi	Anadi
29.	24	Halole Shreya	Shreya
30.	67	Wankhede madhura	Madhura
31.	4	Bandewar Parnita	Parnita
32.	40	Kshirsagar payal	Payal
33.	26	Ingale Gayatri	Gayatri
34.	13	Dhonddev Alarna	Alarna
35.	14	Gadve Srushti Bolaji	Srushti
36.	31	Jagdale Apurva	Apurva
37.	53	Pathan saniya	Saniya
38.	17	Garad Rajnandini	Rajnandini
39.	05	Aditi Bhande	Aditi
40.	46	Munde Shreyo	Shreyo
41.	54	Patil Sandhya	Sandhya
42.	50	Panchal Rutuja	Rutuja
43.	61	Sontalke Gayatri	Gayatri
44.	64	Tour Divya sitaram	Divya
45.	06	Bhave Janvi Shekhar	Janvi
46.	18	Garje Amruta vishwam	Amruta
47.	33	Jangle Rutuja Vyankati	Rutuja
48.	62	Suryawanshi Manisha	Manisha
49.	55	Pawar Ceuri	Ceuri
50.	21	Dnyaneshwari Gholve	Dnyaneshwari
51.	56	Pawar Sanika	Sanika
52.	27	Ingale Kirti	Kirti
53.	39	Kokane Smita	Smita
54.	36	Karande Shrodha	Shrodha
55.	31	Arjune Akshata	Akshata

Ghinde
Signature of Teacher

Ghinde
HoD
Head
Department of Computer Science
Dayanand Science College, Latur

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Event Photos



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CERTIFICATE



Dayanand Education society's
Dayanand Science College, Latur

Certificate No. _____

UGC-CPE,DST-FIST,NAAC A+ Grade (3rd Cycle),Best College Award-2014,
National Award in Energy Conservation -2022

**Inter-Disciplinary Course
2025-26**

► Certificate ◀

This is to certify that

Mr./Miss. _____

of Class _____ has successfully completed the '**Digital Literacy and Emerging Technologies Course**' held from **05 January 2026**, organized by the Department of Computer Science, Dayanand Science College, Latur, at Dayanand Institute of Pharmacy, Latur. He/She has secured _____ grade."

Course Co-ordinator
Dr. R. B. Shinde
Dayanand Science College, Latur

I/C Principal
Dr. S. S. Bellale
Dayanand Science College, Latur

Principal
Dr. W. N. Chauhan
Dayanand Institute of Pharmacy,
Latur

Interdisciplinary Course on Digital Literacy & Emerging Technologies in Collaboration with Dayanand Institute of Pharmacy, Latur

Report on Interdisciplinary Course for Pharmacy Student

1. Introduction

The Department of Computer Science, Dayanand Science College, Latur organized an Interdisciplinary course for Pharmacy student. The main objective of the integration of digital literacy into the B. Pharm. curriculum represents a forward-looking approach to legal education. Pharmacy students today must be adept not only in jurisprudence but also in digital technologies that shape modern legal practice. The *Digital Literacy & Emerging Technologies* course was conducted on Date 5 January 2026 for B. Pharm. first-year students. This course was designed and coordinated by Dr. R. B. Shinde HOD (Department of Computer Science).

2. Course Objectives

The course aimed to:

- To provide fundamental knowledge of digital literacy
- To develop skills in using digital tools and online platforms
- To create awareness about safe, secure, and ethical use of technology
- To introduce key concepts of emerging technologies (AI, Cyber Security, IoT, Data Science, Cloud Computing)
- To enhance critical thinking and problem-solving abilities
- To promote interdisciplinary learning and innovation
- To improve communication and collaboration using digital technologies
- To prepare students for academic, professional, and real-world digital challenges.

3. Learning Outcomes

By the end of the course, students were expected to:

- Students will be able to use digital tools and platforms effectively
- Demonstrate safe, ethical, and responsible use of technology
- Understand basic concepts of emerging technologies (AI, Cyber Security, IoT, Data Science, Cloud Computing)
- Apply digital skills for problem-solving and decision-making
- Analyze and evaluate online information critically
- Develop innovation and collaboration skills
- Become digitally competent and career-ready individuals

4. Course Structure and Interdisciplinary Relevance

Module 1	Digital Devices & Internet Basics
1.1	Introduction to Digital Devices
1.2	Internet Essentials
1.3	Online Communication & Collaboration
Module 2	Advanced Office Automation Tools
2.1	MS Word: Advanced Features
2.2	MS Excel: Basics to Intermediate
2.3	MS Excel: Advanced Tools
2.4	MS PowerPoint: Smart Presentations
Module 3	Internet of Things (IoT) Basics
3.1	Introduction to IoT
3.2	Google Workspace Tools
3.3	Preparing Google Form.

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Module 4	Artificial Intelligence Tools
4.1	Basics of AI & Machine Learning
4.2	AI Productivity Tools
4.3	Creative & Automation AI Tools
4.4	Final Project + Presentation

5. Faculty Contribution

- **Dr. Shinde R.B.:** Designed the syllabus and Delivered sessions on AI and its relevance to legal practice.

6. Implementation Timeline

- **Date:** 5 January 2026
- **Methodology:** Lectures, demonstrations, hands-on practice, and project presentations.

7. Expected Impact

- **Academic:** Strengthens interdisciplinary learning by merging law with digital literacy.
- **Professional:** Prepares students for technology-driven legal practice.
- **Societal:** Promotes awareness of digital rights, privacy, and ethical use of emerging technologies.

8. Conclusion

The Interdisciplinary Course on Digital Literacy and Emerging Technologies for Pharmacy students proved to be a highly impactful and forward-thinking academic initiative. By successfully integrating foundational digital skills with advanced technological concepts such as Internet of Things (IoT) and Artificial Intelligence (AI), the program addressed a critical gap in traditional legal education. In today's rapidly evolving digital landscape, legal professionals are increasingly required to understand and engage with technology-driven systems, data privacy concerns, cyber laws, and digital evidence. This course effectively prepared students to meet these emerging challenges with confidence and competence.

Throughout the course, students not only gained technical proficiency in essential tools like MS Word, Excel, PowerPoint, and Google Workspace but also developed a deeper understanding of how technology intersects with legal frameworks and societal issues. The hands-on training methodology, combined with project-based learning, encouraged active participation and practical application of knowledge. The interdisciplinary approach fostered critical thinking, creativity, and collaboration, enabling students to bridge the gap between legal theory and technological practice.

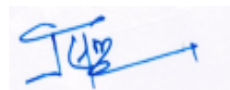
The contribution of dedicated faculty members and coordinated efforts between the Department of Computer Science and the Law College ensured the smooth execution and academic rigor of the course. Their expertise and guidance played a pivotal role in making complex technological concepts accessible and relevant to law students.

In conclusion, this course has laid a strong foundation for nurturing future-ready legal professionals who are digitally literate, technologically aware, and ethically responsible. It has not only enhanced the employability and professional readiness of the students but also contributed to building a more informed and digitally conscious legal community. Such interdisciplinary initiatives should be encouraged and expanded in the future to keep pace with the dynamic demands of the legal and technological domains.



HoD

Head,
Department of Computer Science,
Dayanand Science College, Latur



Principal

IC Principal
Dayanand Science College
Latur

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