



TECNIA INSTITUTE OF ADVANCED STUDIES
GRADE "A" INSTITUTE

Approved by AICTE, Ministry of Education, Govt. of India, Affiliated to G.G.S.I.P. University
 Recognized Under Sec. 2(f) of UGC Act 1956.

INSTITUTIONAL AREA MADHUBAN CHOWK, ROHINI, DELHI 110085

Tel: 91-11-27555121-24, E-Mail : directortias@tecnia.in, Website: www.tiaspg.tecnia.in



UNNAT BHARAT ABHIYAN 2.0 (UBA Cell)

शिक्षित भारत-स्वस्थ भारत- स्वच्छ भारत- स्वावलंबी भारत- संपन्न भारत
 (A movement for progressive India)

A flagship programme of Ministry of Education, Government of India



Report on Vision for Smart Village: Rural India Technology Penetration, Mobile and Internet Access

Title of Activity	Vision for Smart Village: Rural India Technology Penetration, Mobile and Internet Access.
Activity Type	Outreach Activity
Values	<ul style="list-style-type: none"> • Digital Inclusion • Empowered Communities • Enhanced Connectivity • Sustainable Development • Tech Accessibility
Objectives	<ul style="list-style-type: none"> • Enhance digital literacy among rural communities through training and education. • Improve mobile and internet connectivity to support economic and social development. • Promote e-governance services to make public services accessible to rural populations. • Empower rural entrepreneurs by providing access to online platforms and digital tools. • Facilitate access to information on healthcare, education, and agriculture through technology.
Learning Outcomes	<ul style="list-style-type: none"> • Understand the role of technology in rural development and its potential to transform village economies. • Gain knowledge about internet infrastructure needs and challenges in rural areas. • Learn how to use mobile applications for accessing e-governance services and public utilities.

	<ul style="list-style-type: none"> • Develop skills to promote digital literacy in rural communities for better socio-economic outcomes. • Identify opportunities to bridge the digital divide between urban and rural India.
--	---

Organized by	Unnat Bharat Abhiyan Cell
Program Theme*:	"Empowering Rural India"
Date*	24-08-2022
Time*	11:00 am onwards
Venue	Nangli Poona
External Expert / Internal Expert	Dr. Rajnesh Kumar Pandey
No. of Students* (only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)	23
No. of Faculty* (only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)	1
No. of External Participants (students + faculty) [write NA if not applicable]	NA

Poster/Flyer/Notice*	<p>The poster features the Unnat Bharat Abhiyan logo at the top left and the TECNIA logo at the top right. The central text reads: "Unnat Bharat Abhiyan Cell Organizing OUTREACH ACTIVITY on Vision for Smart Village: Rural India Technology Penetration, Mobile and Internet Access". At the bottom, it specifies the date as "24 August, 2022", the venue as "VENUE: NANGLI POONA", and the time as "11:00 AM ONWARDS". The incharge is listed as "Incharge: Dr. Rajnesh Kumar Pandey". The background of the poster shows a man in a white shirt and red tie looking at a laptop screen.</p>
----------------------	---

Photograph



"Young Girls Learning Through Digital Resources in a Rural Setting"

Report:

On 24th August 2022, as part of the **Unnat Bharat Abhiyan**, students from TIAS (Tecnia Institute of Advanced Studies) carried out an outreach program in Nangli Poona village with the focus on **technology penetration** and access to mobile and internet services. The primary goal was to assess the level of technology adoption in the village and explore the potential for transforming it into a **smart village**.

The vision for a Smart Village focuses on integrating technology into rural India, enhancing mobile and internet access to empower communities. A survey conducted in Nangli Poona village revealed significant advancements in mobile phone penetration, with around 85% of households owning mobile devices, primarily smartphones. However, only 40% had regular access to the internet, relying mostly on mobile data due to a lack of broadband infrastructure.

Key challenges identified include unreliable network coverage, high internet costs, and low digital literacy, particularly among the elderly population. Most villagers use mobile devices primarily for communication, unaware of the potential for e-governance, telemedicine, online education, and financial services that could greatly improve their

quality of life.

The path to a smart village requires not only improving internet infrastructure but also conducting digital literacy programs to raise awareness of the advantages of digital tools. With better access to affordable and reliable internet, and enhanced knowledge of digital services, rural communities like Nangli Poona can achieve greater self-reliance, access opportunities, and foster sustainable development.

The program aimed to:

- Evaluate the availability and use of mobile phones and internet services.
- Understand the challenges faced by villagers in accessing digital technology.
- Promote the importance of digital literacy for rural development.
- Create awareness about how internet connectivity can improve education, healthcare, and governance in rural areas.

Findings:

1. Mobile Ownership:

Approximately 85% of households owned mobile phones, with 65% using smartphones. However, many users lacked knowledge about advanced applications and were primarily using phones for basic communication.

2. Internet Access:

Only 40% of households had regular access to the internet, primarily through mobile data. Broadband connections were virtually nonexistent. Villagers faced problems with poor network coverage and the high cost of mobile data.

3. Digital Literacy:

The survey revealed low levels of digital literacy, particularly among older generations. Many villagers were unfamiliar with online services that could benefit their livelihood, such as online marketplaces or digital financial services.

	<p>4. Challenges: The major challenges included unreliable internet connectivity, lack of infrastructure for broadband services, and low awareness of the benefits of internet usage in day-to-day activities.</p> <p>The outreach program in Nangli Poona under Unnat Bharat Abhiyan highlighted both progress and challenges in achieving the smart village vision. While mobile phone usage is widespread, the lack of reliable and affordable internet access remains a significant hurdle. Moreover, the study revealed low levels of digital literacy, especially among the older population, limiting the full potential of digital tools for improving livelihoods, education, and healthcare.</p> <p>To transform Nangli Poona into a smart village, it is essential to enhance network infrastructure, introduce affordable data solutions, and implement digital literacy programs. With better internet access and knowledge of digital platforms, villagers can improve their access to government services, financial resources, and educational opportunities. The findings underscore the need for sustained efforts in bridging the digital divide, which will empower rural communities like Nangli Poona to become self-reliant and digitally inclusive, contributing to holistic rural development.</p>
Resource Person Profile	NA
Report Submitted by	Dr. Rajnesh Kumar Pandey
Attendance Sheet	<i>Attached at the end of Report</i>
Feedback	<i>Sample feedback Attached at the end of Report</i>
Signature of Event Coordinator	
For Office Use	

List of participants

S.No	Enrollment	Name	Course
1.	04017002420	Jai Vijhani	BAJMC
2.	04617002420	Kritika Bhoj	BAJMC
3.	05921302420	Nancy Sharma	BAJMC
4.	06717002420	Ranveer Singh Alhuwalia	BAJMC
5.	07521302420	Sachin Solanki	BAJMC
6.	08117002420	Sarthak Kothari	BAJMC
7.	50517002420	Sonal Kwatra	BAJMC
8.	04917002021	Aayushman Arya	BCA
9.	05121302421	Jainavni	BAJMC
10.	15117002421	Bhavya Arora	BAJMC
11.	07517001721	Kanishka	BBA
12.	08421302421	Keshav Aggarwal	BAJMC
13.	01821302421	Mahek Sancheti	BAJMC
14.	14517001721	Mayank Bhadana	BBA
15.	02421302421	Nidhi Shukla	BAJMC
16.	09221302421	Nitya Agnihotri	BAJMC
17.	04517001721	Prabhnoor Singh	BBA
18.	09317001721	Prashant Kumar	BBA
19.	06517002421	Prashant Kumar Choudhary	BAJMC
20.	04717001721	Rahul Choudhary	BBA
21.	03421302421	Shivang Misra	BAJMC
22.	04921302421	Sidharth Chadha	BAJMC
23.	35717002421	Simran Arora	BAJMC

