Criterion 2- Teaching-Learning and Evaluation

2.3.3 Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

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2.3.3   Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

Response:

Use of ICT-Enabled Tools for Effective Teaching and Learning

Y.B.N. University, Ranchi, integrates Information and Communication Technology (ICT) into its teaching-learning ecosystem to enhance education and equip students with digital-era skills.

- **ICT in Teaching**
  The university uses smart classrooms with multimedia resources, online platforms like Google Classroom and Moodle, and e-lectures to create interactive learning experiences. Recorded video content allows students to learn at their own pace.

- **E-Resources**
  Access to digital libraries such as INFLIBNET and DELNET, along with e-content like presentations and virtual lab simulations, complements traditional teaching. Discipline-specific resources cater to diverse academic needs.

- **Online Teaching Tools**
  Platforms like Zoom, Microsoft Teams, and Google Meet enable virtual classrooms, while interactive tools like Kahoot and Mentimeter promote student engagement. Discussion forums foster collaborative learning.

- **ICT in Assessments**
  Online exams through LMS platforms ensure transparency, while tools like Turnitin and Grammarly uphold academic integrity. Automated feedback systems help students identify improvement areas.

- **Faculty Development**
  Regular workshops, certification courses, and peer learning initiatives equip faculty to use ICT tools effectively, fostering innovative teaching practices.

- **Student Support**
  Student portals provide centralized access to academic resources, while virtual counseling addresses personal and academic challenges. Skill development modules in coding, data analysis, and digital marketing are delivered via ICT.

- **Advanced Technologies**
  Simulation labs, augmented reality (AR), virtual reality (VR), and AI-based platforms provide hands on experiences and personalized learning. These tools enrich understanding in disciplines like healthcare and engineering.

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- **Promoting Digital Literacy**

  Students receive basic ICT training in their first year, participate in workshops on emerging technologies, and earn certifications through platforms like Coursera and SWAYAM.

- **Community Outreach**

  The university shares ICT resources with the community through online awareness programs, skill development workshops for rural youth, and virtual collaborations with NGOs and industries.Through ICT integration, Y.B.N. University creates an accessible, engaging, and future-ready educational environment.

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- **ICT in Teaching**

The YBN University adopts modern pedagogy to enhance the teaching-learning process. The institution has the essential equipment to support the faculty members and students. ICT-enabled teaching includes Wi-Fi-enabled classrooms with LCD projector, Smart Classrooms with interactive boards, etc. Majority of the faculty use ICT tools as part of the blended approach to teach students. The use of Google Classroom for sharing content, have discussions, online submission of assignments, etc coupled with the use of Projectors and Smart Boards indicates a high degree of use of ICT tools. Online resources such as e-books, remote access to library resources, YouTube, SWAYAM, etc are combined as required for effective teaching and learning processes.

Faculty teaching through smart board

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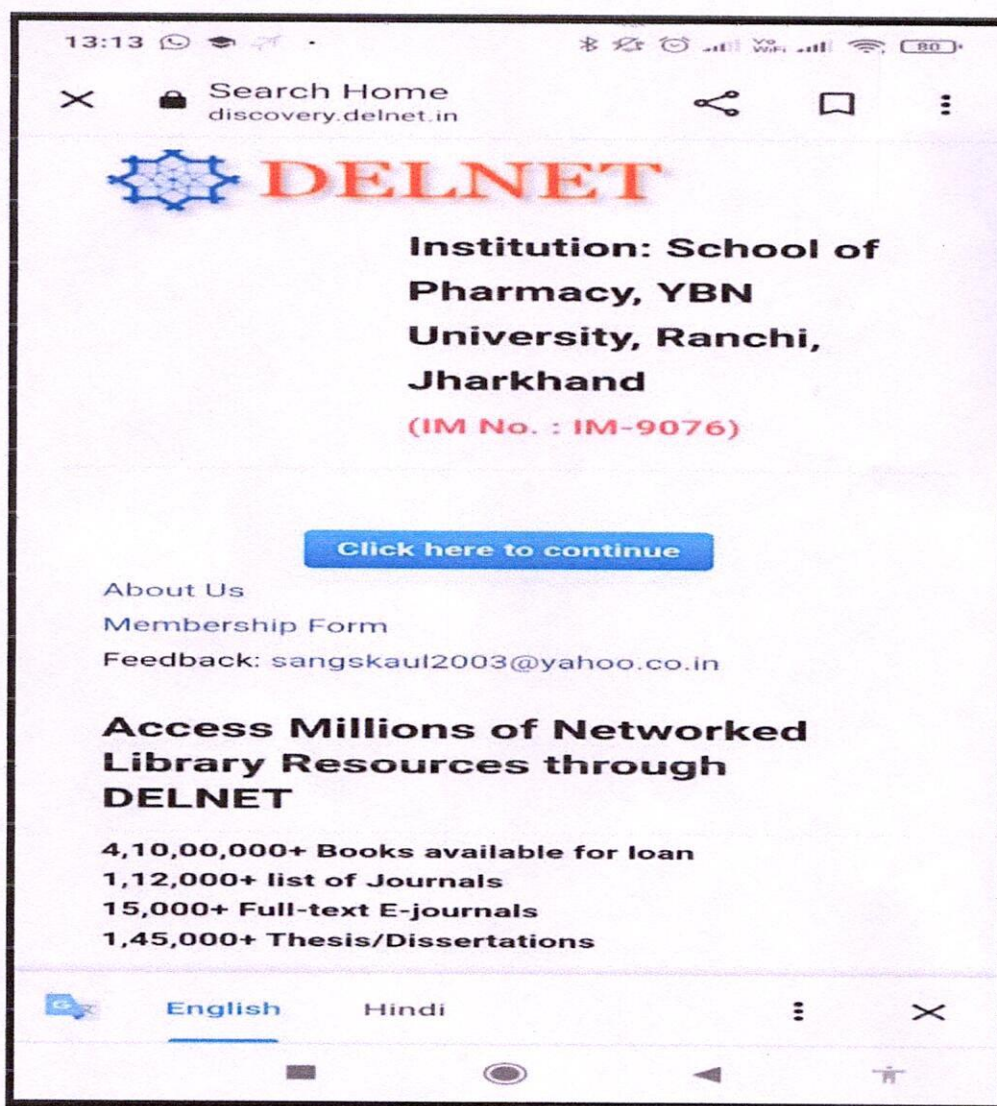Gazzate Notification No. 505, Dated 17 July 2017
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Ulatu, Jharkhand, India
7cwh+4hf, Ulatu, Jharkhand 834010, India
Lat 23.295243° Long 85.428915°
11/06/2025 11:02 AM GMT +05:30

Ulatu, Jharkhand, India
7cwh+4hf, Ulatu, Jharkhand 834010, India
Lat 23.295237° Long 85.428919°
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Faculties teaching through smart board

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- **E-Resources**

1. Consortium - DrillBit - Plagiarism Detection Software

DELNET-Developing Library Network, New Delhi in collaboration with BIPL has launched "DrillBit : Plagiarism Detection Software for Academic Integrity" for the member institutions of DELNET. DrillBit (developed by DrillBit SoftTech) is sophisticated plagiarism detection software which is currently used by 700+ Institutions in India and outside.

2. Delnet Subscription

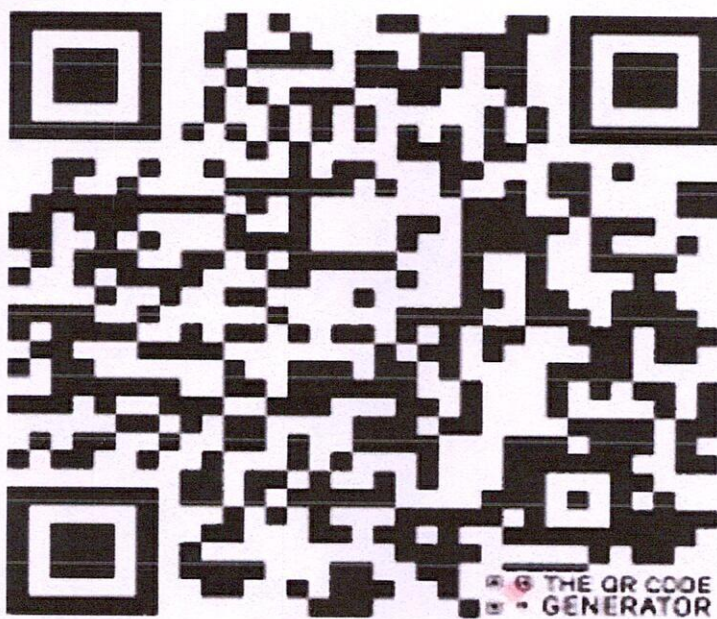# Y B N UNIVERSITY

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3. **Discipline-specific resources**
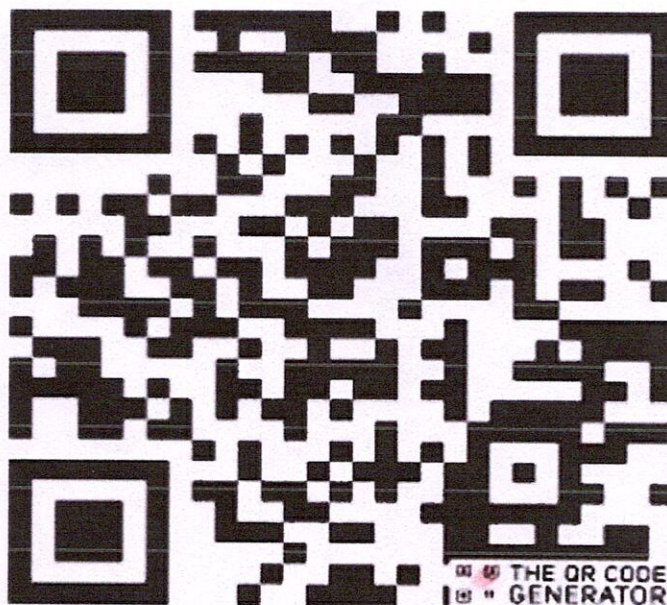
Access to National Digital Library
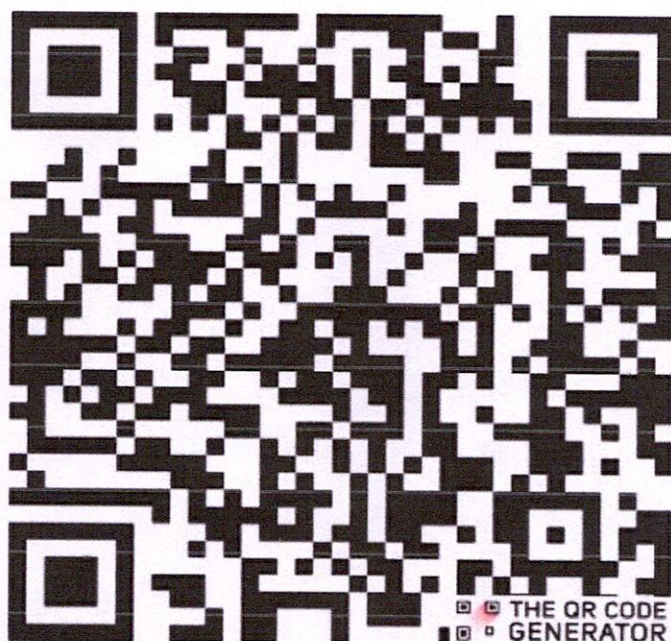
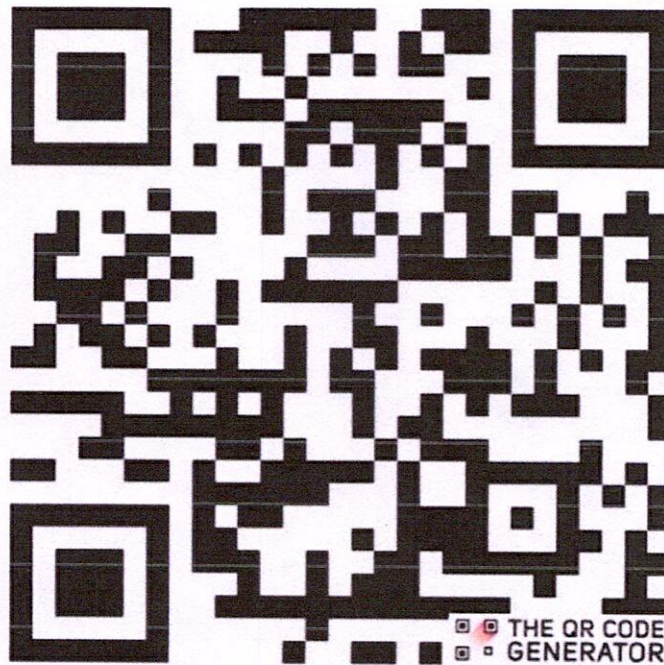**Access to e-Books provided by UGC**

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Access to Swayam Portal
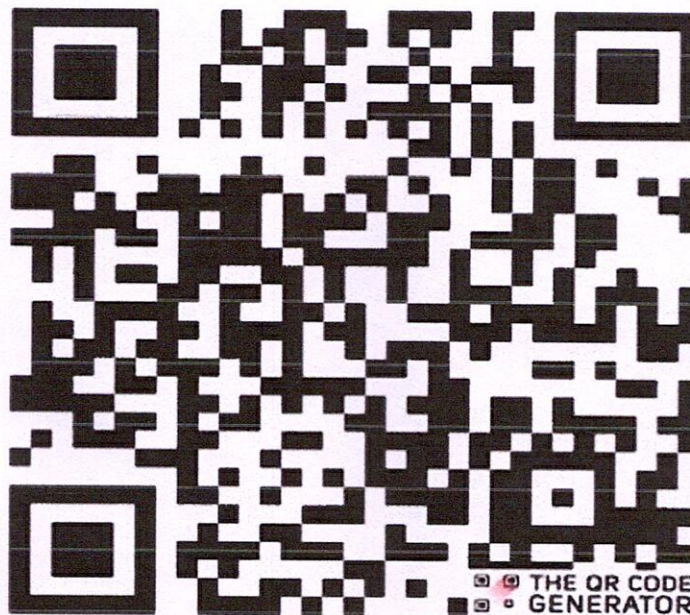
Access to Shodhganga Portal

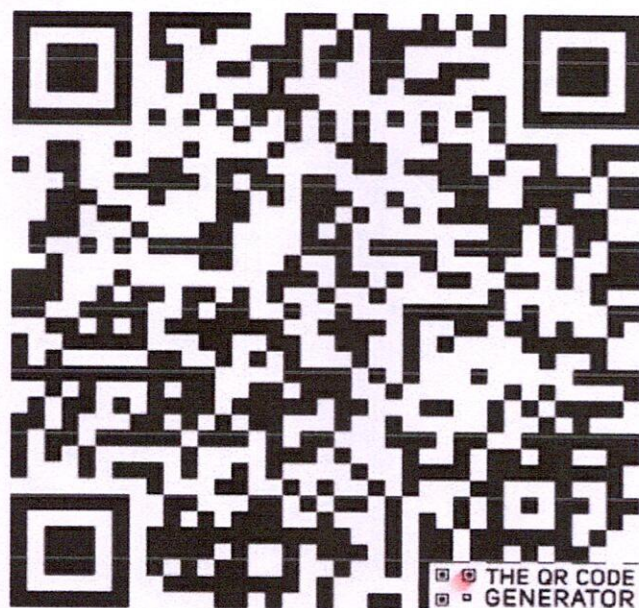# Y B N UNIVERSITY

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Access to Online Willy Library

Access to e-Pathshala

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Access to DELNET

Access to AICTE e-Kumbh

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Discipline specific Database

Link: https://ybnu.ac.in/maa_kalawati_digital_library.php

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- **Online Teaching Tools**

Faculties use Google Meet for Teaching during Covid-19
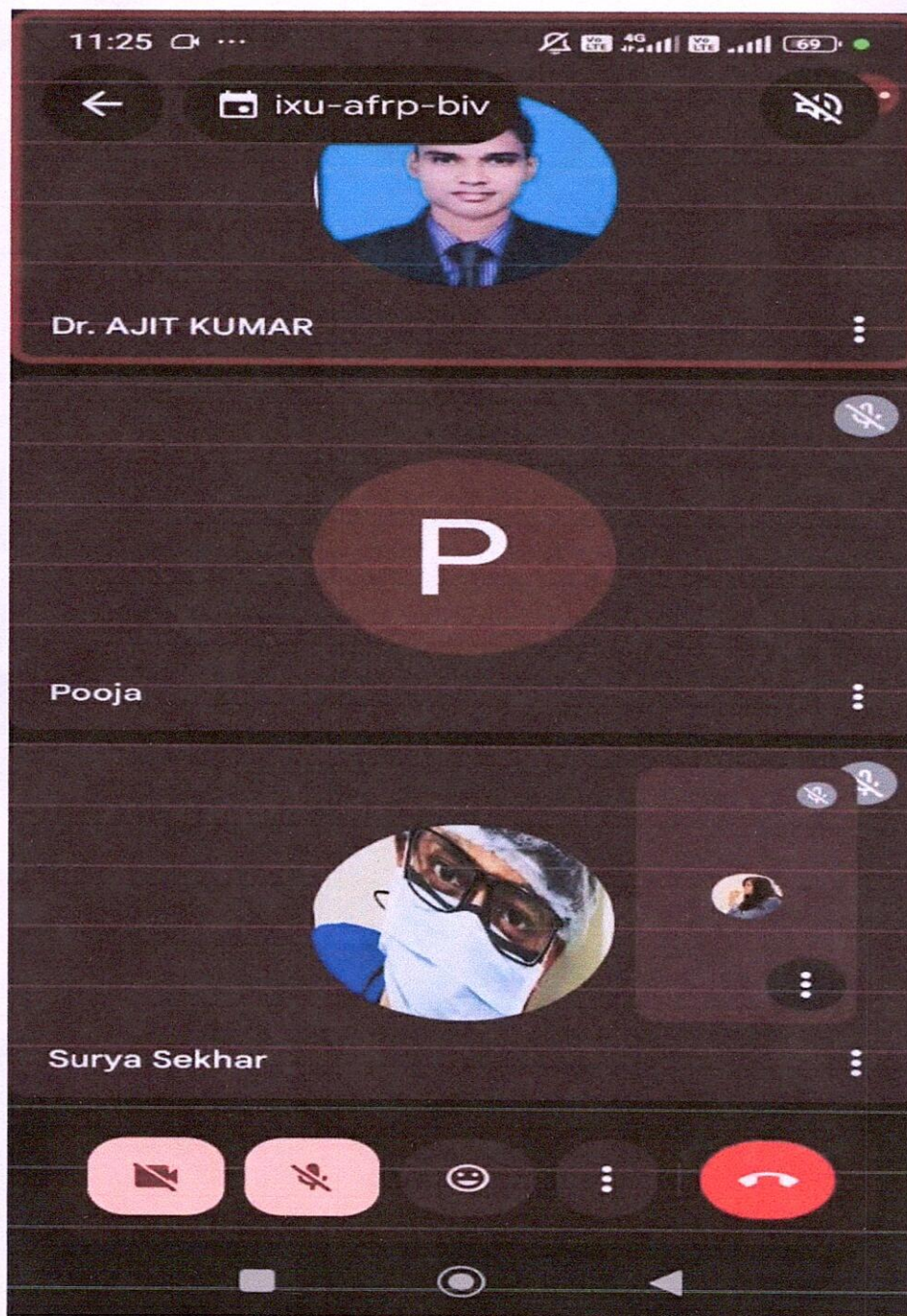
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Faculties use Google Meet for Teaching during Covid-19
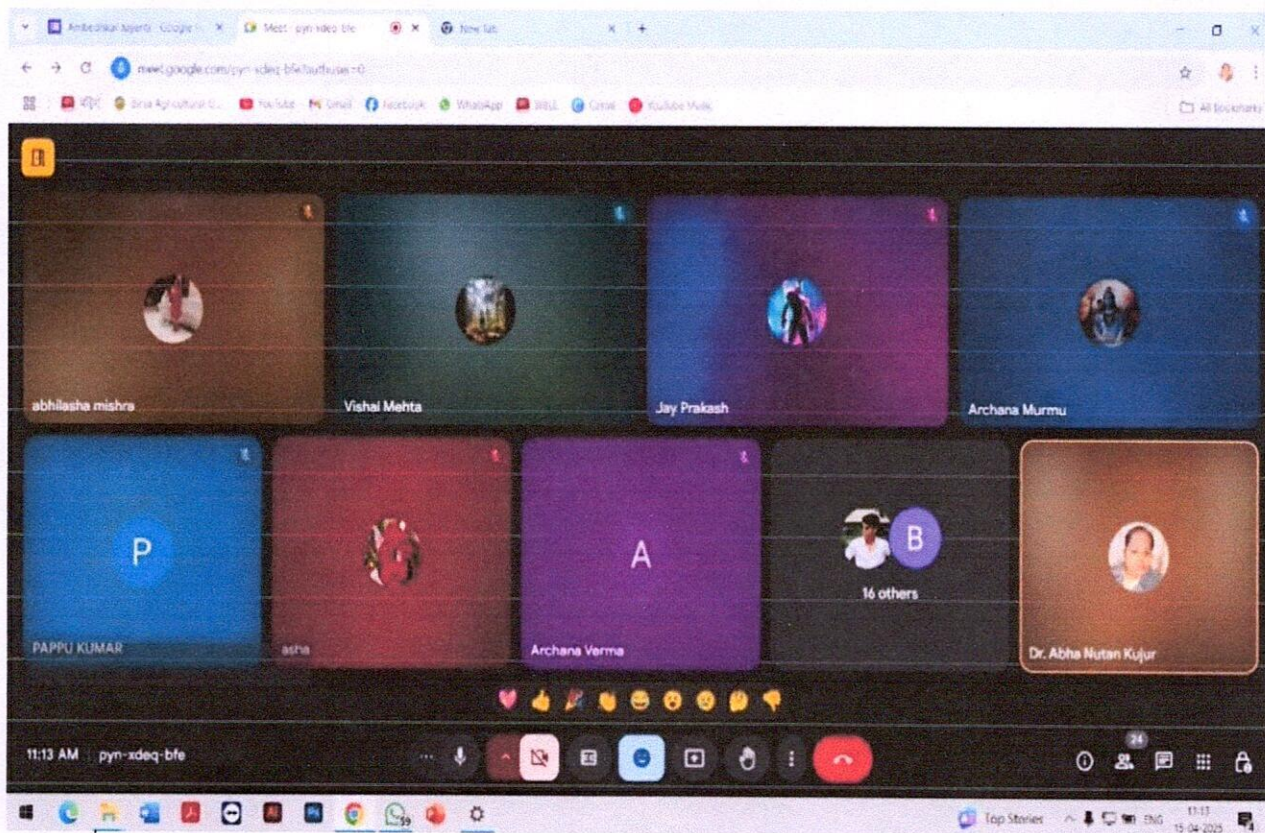

Guest Lectures conducted online

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- **Faculty Development**

Faculty Development Program organised by YBN University

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UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE
BANARAS HINDU UNIVERSITY

MALAVIYA MISSION TEACHER TRAINING PROGRAMME

Government of India

University Grants Commission

CERTIFICATE OF PARTICIPATION

NEP 2020 Orientation & Sensitization Programme

This is to certify that **Mr./Mrs./Ms./Dr./Prof. Ruby Kumari**, Assistant Professor from , Y.B.N. University has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, Banaras Hindu University, Varanasi - 221005 (U.P.) from July 15 to 25, 2024.

Director

MMTTC/RU/RC-POL. SC. & PA/26/2025

UNIVERSITY GRANTS COMMISSION
MALAVIYA MISSION TEACHER TRAINING CENTRE (MMTTC)
RANCHI UNIVERSITY, RANCHI
(2024-2025 ONLINE COURSES)

UGC-SPONSORED
REFRESHER COURSE IN
POLITICAL SCIENCE & PUBLIC ADMINISTRATION

This is to certify that
Dr. RUBY KUMARI

Assistant Professor
Department of Political Science
Y.B.N. University, Ranchi

Participated in the Refresher Course in
Political Science and Public Administration
from 18/03/2025 to 31/03/2025
and obtained Grade –A

(DIRECTOR)   **(COURSE CO-ORDINATOR)**   **(VICE-CHANCELLOR)**

Certificate of Participation by Faculty Members in various FDP's

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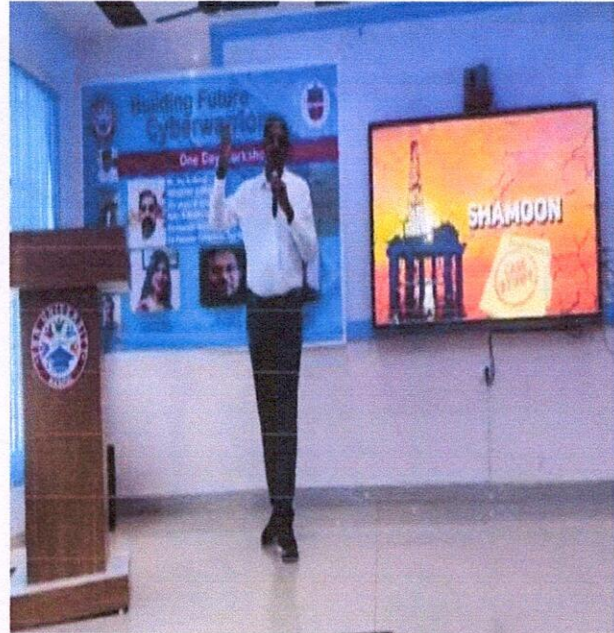
Workshop on Building Future Cyberwarriors

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On 12th June 2024, Training and Placement Cell, YBN University under Dr. Arti Gupta, Dean Students Welfare in association with **Board of Practical Training (Eastern region), Ministry of Education, Government of India** organized "Industry Institute Meet" on "National Apprenticeship Training" (NATS). The program enriched faculty with valuable insights into NATS equipping them with the knowledge and their implementation to guide and support students more effectively. Program was effectively coordinated by Dr. Soniya Rani, T & P Officer and Er. Kumari Vinita, T & P Co-ordinator.
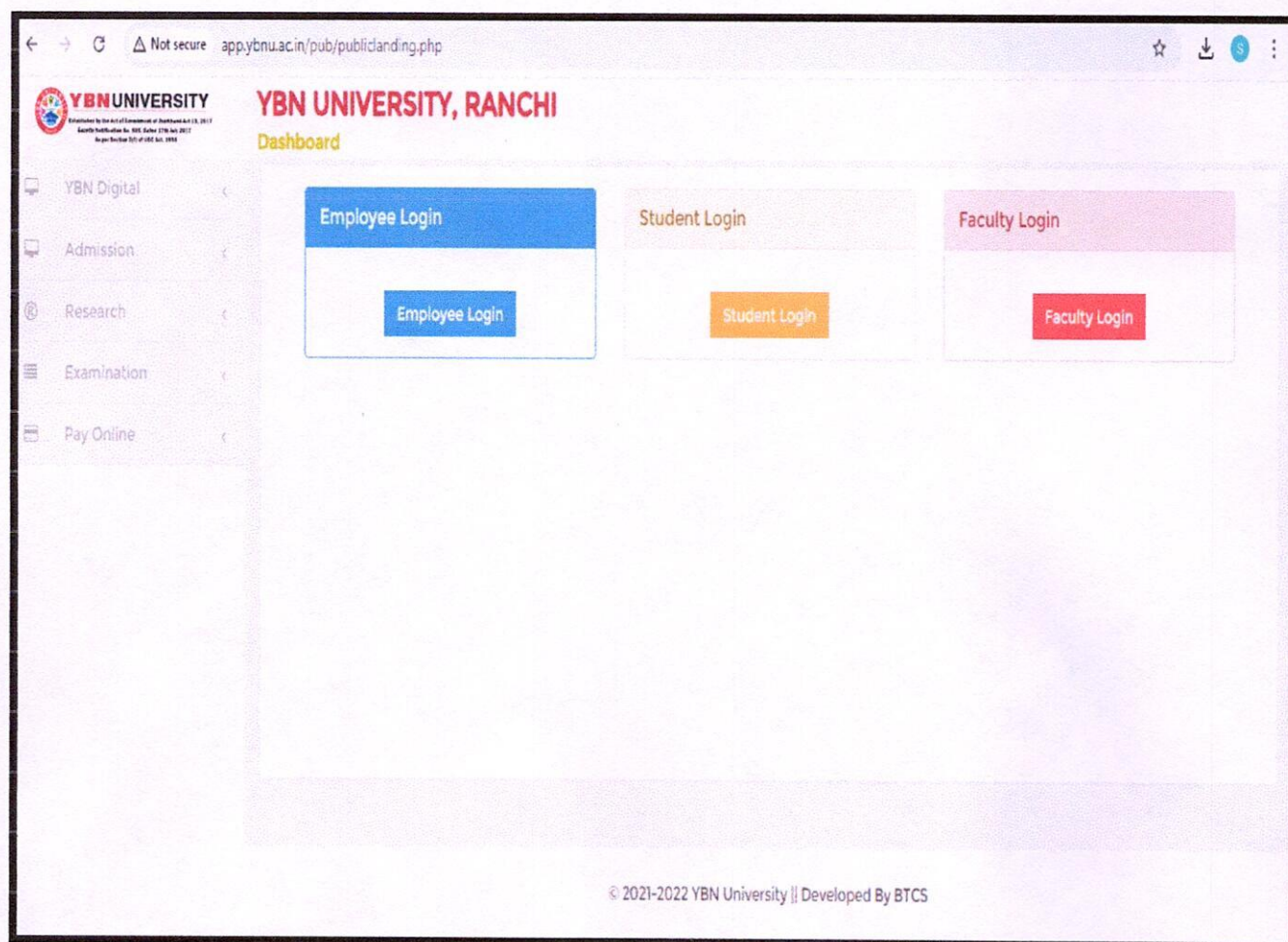
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- **Student Support**

http://app.ybnu.ac.in/pub/publiclanding.php

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← → C ⬡ ybnu.ac.in/student-zone-current-events.php ☆ ↓ ⑤ ⋮

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Current Events

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Student Zone	Placement ▾
Hostel	About Office of Student Affairs
Sports	Maa Kalawati Digital Library
Co Curricular & Activities	YBNU Magazine
Anti-Ragging Committee	National Cadet Corps (NCC)
Infrastructure	National Service Scheme (NSS)
SGRC	ROTARACT
Equal Opportunity Cell	Centre of Human Values(CHV)
SEDG Cell	Bus Route

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- **Promoting Digital Literacy**

In the year 2017, Government was approved a Scheme titled "Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA)" to usher in digital literacy in rural India with a target to cover 6 crore rural households (one person per household) across the country. So far, a total of more than 6.62 crore candidates have been enrolled and 5.68 crore have been trained, out of which 4.22 crore candidates have been duly certified under the PMGDISHA Scheme across the country.

In this context YBN University has taken many initiatives to promote the Digital Literacy within the campus by:

➢ Use of multi-media/AV (Audio-Visual)/ICT (Information and Communication Technology) based learning techniques.
➢ Regular usage of LCD-Projectors.
➢ Student seminars and workshops.
➢ Availability of NPTEL (National Programme on Technology- Enhanced Learning).
➢ Availability of E-resources SWAYAM, MOOCs
➢ Uses of Unified Payment Interface (BHIM): Bharat Interface for Money (BHIM) app is used to make simple, quick & easy payment transactions using Unified Payments Interface (UPI).

Faculty Participation in NPTEL courses

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- **Community Outreach**

Programs conducted:

2 April 2022
AYUSH for prevention and management of anemia at Anganwadi Center, Kawali

7 April 2022
Health Checkup Camp at YBN University, Block-C

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31 March 2022

Blood Donation Camp at YBN University campus

Community Outreach Program Report;

https://ybnu.ac.in/PDF/REPORT%20ON%20COMMUNITY%20VISIT.pdf