



ICSSR-NRC Sponsored

**Two-Day
National Seminar
on
“AI-Enabled Digital
Reskilling of
Rural Women for
Employment
in the Emerging
AI Economy”**

Date: 30th & 31st October 2026

(Hybrid Mode)



Organized By: Department of Life Science
in association with Department of IT & CS and IQAC



DR. C.V. RAMAN UNIVERSITY

A part of **aïsect**india

Bilaspur, Chhattisgarh

Approved by : PCI | AICTE | NCTE | BCI | Member of : AIU | Recognized by : UGC | NAAC Accredited University

Under the aegis of ICSSR-NRC

About the University

Dr. C.V. Raman University was set up as Chhattisgarh's first private university on 3rd November 2006 and inaugurated on 14th October 2007, over a vast area of 70 acres with excellent infrastructure in the tribal region of Kota, District Bilaspur in Chhattisgarh. The university was established under Niji Vishwavidyalaya Adhiniyam 2005. Over the years, the university has established itself as the research and educational hub of the



region, covering a wide expanse of courses and fields like engineering, management, arts, science, education, law, IT, etc. The university started functioning as per its approved status and ordinances from the academic year (2007-08). It is recognized by UGC and approved by AICTE, NCTE, BCI as well as certified by ISO:9001:2008, a member of AIU, listed in NIRF ranking. It is listed in Top 30 Engineering Colleges in India (INDIA TODAY 2018).

Dr. C.V. Raman University is a renowned Higher education centre of Central India for Research and innovation, matching the leading universities in the country in attracting researchers, innovators and scholars of the highest quality. The University exhibits a higher education brand synonymous with the finest standards of academic excellence, assembling and maintaining research teams applying pioneering approaches to the major global challenges. The University is actively engaged in refining its Research & Development (R&D) ecosystem to strengthen its academic & research competence encompassing a multidisciplinary approach. A distinctive feature of the University is its commitment to a social responsibility agenda, aimed at enhancing the lives of all people, from local communities to international populations, through knowledge transfer, education & Research. The University is currently ranked gradually in the Ranking frameworks carried out annually by the various Higher education bodies & Councils of the Country as well as accredited 'A' Grade by NAAC in the year 2023.

About the Department (Life Science)

Established in 2011, the Department of Life Science at Dr. C. V. Raman University brings together Botany, Zoology, Microbiology and Biotechnology, offering UG, PG and research programmes. The Department promotes interdisciplinary teaching, research, innovation and academic outreach through seminars, workshops and training programmes, creating an environment that encourages knowledge development, digital learning, skill enhancement and application-oriented research. The Botany research group has developed a diverse research portfolio encompassing plant biodiversity, ethnobotany and medicinal plants, phytochemistry, plant physiology, phytotoxicity, invasive-plant management, phytoremediation, carbon sequestration and climate-resilient plant-based solutions. Research on aquatic macrophytes and biochar-assisted phytoremediation explores sustainable approaches to wastewater treatment, resource recovery and environmental management, while studies on campus vegetation, tree diversity, biomass and carbon storage contribute to understanding nature-based approaches to climate resilience. Research in ethnobotany and medicinal plants further connects traditional knowledge, biodiversity, human well-being and sustainable utilization. The Department is supported by advanced laboratory facilities and sophisticated research instrumentation, providing a multidisciplinary platform for research in microbial biotechnology, endophytic fungi, biodiversity, histopathology, microbial isolation, environmental biotechnology and applied life sciences. Its academic environment encourages students and researchers to engage with emerging technologies, digital tools and interdisciplinary approaches for scientific learning and problem-solving. In the context of a rapidly changing knowledge and employment landscape, the Department recognizes the growing importance of digital literacy, technology-enabled learning, reskilling and inclusive access to emerging opportunities. Through interdisciplinary education and outreach, it seeks to strengthen scientific capacity and empower learners to adapt to technological transformation while contributing to health, environmental sustainability, climate resilience and sustainable development. The Department thus provides a strong academic foundation for connecting life sciences, technology, skill development and societal needs, supporting a future-oriented approach to education and research in an increasingly digital and AI-enabled world.

About the National Seminar

The National Seminar on “AI-Enabled Digital Reskilling of Rural Women for Employment in the Emerging AI Economy” aims to explore how AI and digital technologies can expand employment, entrepreneurship and livelihood opportunities for rural women. The seminar will focus on AI-powered digital literacy and skill development, emerging employment pathways, women-led digital entrepreneurship and micro-enterprises, human-centred and ethical AI, and policy and institutional frameworks for sustainable impact. It will provide an interdisciplinary platform for researchers, academicians, policymakers, practitioners, industry representatives and students to share research, field experiences and innovative approaches for building an inclusive, equitable and AI-ready rural workforce.

Themes : AI-Enabled Digital Reskilling of Rural Women for Employment in the Emerging AI Economy

Sub Themes/Tracks

1. AI-Powered Digital Literacy and Skill Development

- Building foundational digital skills among rural women
- AI literacy and awareness in rural communities
- AI-based learning tools for personalized and accessible training
- Flexible and inclusive digital learning models
- Digital skills for employability and livelihood development
- Addressing barriers to digital access and technology adoption

2. Employment Pathways in the Emerging AI Economy

- Future-ready skills and changing job roles
- AI-enabled employment opportunities for rural women
- Remote work and work-from-home opportunities
- Digital employment and online work platforms
- Freelancing and gig-based employment
- Preparing rural women for emerging occupations

3. Women-Led Digital Entrepreneurship and Micro-Enterprises

- AI-enabled entrepreneurship among rural women
- E-commerce and digital marketplace opportunities
- AI tools for small-scale and micro-enterprises
- Digital marketing, branding and customer engagement
- Technology-enabled self-employment and livelihood generation
- Strengthening women-led rural enterprises through digital platforms

4. Human-Centred and Ethical AI for Inclusion

- Fairness and non-discrimination in AI-enabled workplaces
- Accessibility and inclusive digital technologies
- Data privacy, security and responsible AI use
- Gender-responsive and human-centred AI
- Ethical challenges in AI-based learning and employment
- Ensuring equitable participation of rural women in the AI economy

5. Development, Policy and Institutional Frameworks for Sustainable Impact

- National policies and programmes for digital and AI skilling
- Policy frameworks for women's participation in the AI economy
- Role of government, universities, NGOs and industry
- Academia–industry and public–private partnerships
- Sustainable models for rural digital transformation
- Policy strategies for long-term and inclusive impact

Awards & Honors

- Best Paper Award for Academicians
- Best Paper Award for Research Scholars
- Best Paper Award for PG Students

Call for Papers

Original and unpublished papers are invited from the academicians, researchers, engineers, industry, R & D organization, scientist, research scholars and PG students working in all the domains of all field of AI-Enabled Digital Reskilling of Rural Women for Employment in the Emerging AI Economy integrated with Artificial Intelligence but not limited to various sectors such as:

Guidelines for Paper Submission

- Papers should be original and unpublished and should be relevant to the theme or sub-themes of the National Seminar.
- Authors may submit papers based on empirical research, conceptual studies, case studies, field-based research or review of relevant literature.
- The abstract should be 250–300 words, clearly presenting the research background, objectives, methodology and major findings/conclusions.
- The abstract should include 3–5 keywords.
- The full paper should preferably be 3,000–5,000 words, including tables, figures and references.
- Manuscripts should be prepared in MS Word, using Times New Roman, 12-point font, with 1.5 line spacing and appropriate margins.
- The title should be concise and followed by the author(s)' name, affiliation, email address and contact details of corresponding author.
- References and citations should follow a consistent standard referencing style APA 7th edition throughout the manuscript.
- Tables, figures and photographs should be numbered, titled and appropriately cited in the text.
- Papers will be considered for oral/poster presentation based on their relevance and academic quality.
- Authors should submit their abstracts/full papers within the specified submission deadlines.
- At least one author of an accepted paper should register for the National Seminar and present the paper.
- The organizing committee reserves the right to accept, modify the presentation format, or decline submissions based on academic relevance and seminar requirements.

Selected papers may be considered for publication in an appropriate academic publication, subject to editorial and peer-review requirements.

Registration and Abstract Submission Link: - <https://forms.gle/tucz1nAiyz1UYh26>

All author are advised to submit full length paper via : seminar.cvru@gmail.com

Important Dates

Last date of Abstract Submission: -	20th October, 2026
Submission Intimation of Acceptance: -	22nd October, 2026
Last date for Full Paper Submission: -	24th October, 2026
Last date of Registration: -	25th October, 2026

Conference Registration Fees

Category	Offline	Online
Facult /Professionals/NGOs	750	750
Research Scholars	500	500
Students	300	300

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WITH ANY BHIM UPI APP



All the payments should be made via online gate way through University website - www.cvru.ac.in
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(Head Department of Biotechnology, CVRU)

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(Associate Professor, Dept of Life Science (Botany))

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Keynote Speakers



Prof. Arun Joshi
Vice Chancellor,
Dr. C.V. Raman University
Khandwa, Madhya Pradesh



Prof. Anil Kumar Tripathi
Professor (Superannuated)
Department of Computer Science
and Engineering, Indian Institute
of Technology (BHU), Varanasi



Prof. Tarun Thakur
Indira Gandhi National
Tribal University
Amarkantak, Madhya Pradesh



Dr. Vibha Pandey
Professor & Principal Scientist
Jawaharlal Nehru Krishi
Vishwavidyalaya (JNKVV),
Jabalpur, Madhya Pradesh



Dr. Shilpa Kaushik Modi,
Subject Matter Specialist (Agronomy)
Krishi Vigyan Kendra,
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