

# CEC News







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## Prof. Jagat Bhushan Nadda

Director, CEC

प्रिय पाठकों,

कृत्रिम बुद्धिमत्ता (आर्टिफिशियल इंटेलिजेंस) और डिजिटल शिक्षा भारत के शैक्षिक परिदृश्य में एक नए युग की शुरुआत कर रही है, जो ज्ञान प्रदत्त करने, उस तक गम्यता और अनुभव के तरीके को परिवर्तित कर रही है। इससे संवर्द्धन शिक्षार्थी और शिक्षकों दोनों के लिए अभूतपूर्व अवसर प्रदत्त हो रहे हैं। विशेष रूप से एआई व्यक्तिगत शिक्षण में क्रांति ला रहा है, जिससे छात्रों को अपनी जरूरत अनुसार विषय-सामग्री को समझने की अनुमति मिलती है, जो व्यक्तिगत शिक्षण आवश्यकताओं के अनुरूप अनुकूली एल्गोरिदम द्वारा निर्देशित होता है।

भारत जैसे विशाल और विविधतापूर्ण देश में, ऐसी प्रौद्योगिकी में दीर्घकालिक शैक्षिक समरूपता निर्माण को समावेशी करने की क्षमता है। अनुकूलित शिक्षण अनुभव और मापदंड वाले डिजिटल समाधान प्रदत्त करके, एआई यह सुनिश्चित करने में मदद कर रहा है कि, दूरदराज और वंचित क्षेत्रों सहित सभी सामाजिक-आर्थिक पृष्ठभूमि के छात्रों की गुणवत्तापूर्ण शिक्षा तक गम्यता हो सके। जो कभी असंभव सा प्रतीत था, वह अब सर्वसुलभ- सर्वस्व अधिक न्यायसंगत, समावेशी और गतिशील शिक्षण वातावरण प्रदत्त कर रहा है। पहुंच से परे, ये उपकरण रचनात्मकता, आलोचनात्मक सोच और तकनीकी साक्षरता जैसे 21वीं सदी के आवश्यक कौशल को भी बढ़ावा देते हैं, जिससे भारत के युवाओं को तेजी से प्रतिस्पर्धी वैश्विक अर्थव्यवस्था में कामयाब होने के लिए तैयार किया जा सकेगा।

जैसे-जैसे हम प्रगति कर रहे हैं, शिक्षकों, संस्थानों और नीति निर्माताओं को एआई और डिजिटल शिक्षा को मुख्यधारा की शिक्षा में सोच-समझकर और समावेशी रूप से एकीकृत करने के लिए मिलकर काम करना होगा। सीईसी में, हम शिक्षण अधिगम को बढ़ाने तथा उभरती प्रौद्योगिकियों का लाभ उठाने के लिए समर्पित हैं। राष्ट्रव्यापी कार्यशाला और सेमिनारों के माध्यम से, हम एआई-सक्षम उपकरणों के बारे में जागरूकता प्रसार और शिक्षण पद्धति में नवाचार प्रोत्साहन से संकाय विकास को प्रोत्साहन दे रहे हैं। हमारा उद्देश्य शिक्षकों के सशक्तिकरण और भारत के भविष्य को आकार देने के लिए तैयार शिक्षार्थियों की एक पीढ़ी को प्रेरित करना है।

हम सब एक साथ मिलकर एक परिवर्तनकारी यात्रा के अहम् दौर में हैं, जो शिक्षा को नया आयाम प्रदान करेगी, और हमारे राष्ट्र की पूर्ण क्षमता को सामने लाएगी।

जय हिन्द!

*जगत भूषण नड्डा*

निदेशक - सी.ई.सी.

Dear Readers,

Artificial Intelligence (AI) and digital education are ushering in a new era in India's educational landscape, transforming how knowledge is delivered, accessed, and experienced. These advancements are unlocking unprecedented opportunities for both learners and educators. AI, in particular, is revolutionising personalised learning, allowing students to engage with content at their own pace, guided by adaptive algorithms that respond to individual learning needs.

In a country as vast and diverse as India, such technology holds the potential to bridge longstanding educational gaps. By offering tailored learning experiences and scalable digital solutions, AI is helping ensure that students from all socio-economic backgrounds, including those in remote and underserved regions, have access to quality education. What once seemed impossible is now within reach: a more equitable, inclusive, and dynamic learning environment for all. Beyond access, these tools also promote essential 21st-century skills such as creativity, critical thinking, and technological literacy, preparing India's youth to thrive in an increasingly competitive global economy.

As we move forward, educators, institutions, and policymakers must work together to integrate AI and digital learning into mainstream education thoughtfully and inclusively. At CEC, we are dedicated to leveraging emerging technologies to enhance learning outcomes. Through nationwide workshops and seminars, we support faculty development by raising awareness of AI-enabled tools and encouraging innovation in teaching practices. Our mission is to empower educators and inspire a generation of learners ready to shape the future of India.

Together, we stand at the threshold of a transformative journey, one that reimagines education and unlocks the full potential of our nation.

Jai Hind!

*Jagat Bhushan Nadda*

Director, CEC

# FROM AIRWAVES TO ONLINE PLATFORMS: THE EVOLUTION OF LEARNING THROUGH RADIO AND SWAYAM



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**T**he trajectory of educational communication in India traces a compelling arc—from the humble beginnings of radio broadcasts to the sophisticated, interactive online platforms of today. The shift from audio-centric pedagogical tools to multimedia-enriched Massive Open Online Courses (MOOCs) encapsulates not merely technological advancement but also an evolving philosophy of inclusive and accessible education. Radio, once a revolutionary medium for mass instruction, laid the groundwork for a national discourse on educational equity. In the contemporary digital ecosystem, platforms like SWAYAM (Study Webs of Active Learning for Young Aspiring Minds), launched by the Government of India, have emerged as powerful instruments for democratizing education across socio-economic divides. This article examines the historical evolution of educational delivery mechanisms in India, focusing on radio and SWAYAM, and analyses how these mediums have transformed the learner experience, access, and pedagogy.

**Radio as the Early Medium of Educational Outreach**  
Radio education in India finds its roots in the colo-

nial period, with the establishment of the Indian Broadcasting Company in the 1920s. However, it was post-independence that radio assumed a critical role in developmental and educational communication. The **Educational Radio Project (1956)**, jointly launched by All India Radio and the Ministry of Education, sought to supplement classroom teaching, especially in rural and underserved areas.

The medium's strength lay in its wide reach and low cost. Landmark initiatives like **School Broadcasts** and **Farm Radio Programmes** during the 1960s and





## Top 5 Digital Education Initiatives by Government of India | 2025



1970s showcased the versatility of radio in delivering subject-specific content and functional knowledge. The **Satellite Instructional Television Experiment (SITE)** of 1975-76, although based on television, was conceptually rooted in earlier radio education efforts and further validated the role of mass media in rural education.

Radio's pedagogical appeal resided in its capacity for immediacy, repetition, and linguistic adaptability. According to **Yadava and Reddy (1988)**, educational radio in India contributed significantly to teacher training, adult literacy, and agricultural extension programs. Despite its one-way communication model, the structured nature of radio broadcasts provided a sense of continuity and engagement for learners without formal educational access.

### The Shift Towards Digital: Genesis of SWAYAM

As India entered the digital era, the limitations of radio, primarily its unidirectional nature and lack of learner interactivity, necessitated a paradigm shift. The National Knowledge Commission (2005-2009) and subsequent policy recommendations underlined the need for ICT-based learning. The launch of **SWAYAM in 2017** marked a pivotal point in India's education system, aligning with the Digital India initiative and National Education Policy (NEP) 2020.

SWAYAM was designed as a comprehensive platform offering MOOCs in diverse disciplines, available in

multiple languages and developed by India's premier institutions such as IITs, IIMs, IGNOU, and Central Universities. The platform integrates video lectures, downloadable readings, self-assessment tests, and discussion forums, facilitating a blended and learner-centric pedagogical approach. Unlike traditional radio, SWAYAM enables asynchronous learning, self-pacing, and continuous feedback, making it suitable for both lifelong learners and formal degree seekers.

According to the **MoE (2020)**, more than 2,000 courses have been hosted on SWAYAM, with over 10 million learners enrolled. Its credibility is further enhanced by the UGC's approval of credit transfer for up to 40% of a student's coursework via SWAYAM MOOCs. The platform thereby bridges the gap between distance and formal education, allowing students in Tier 2 and Tier 3 cities to access high-quality content from India's best faculty.

### Continuity and Transformation in Educational Communication

The evolution of educational media in India demonstrates the persistence of foundational goals such as universal access, social equity, and pedagogical innovation. Educational radio, with its auditory immediacy and widespread availability, was a pioneering effort in taking education beyond the conventional classroom, reaching remote rural areas and connecting with the linguistically diverse Indian population.



This emphasis on accessibility and contextual relevance continues in digital learning ecosystems like SWAYAM, which leverages the internet and multimedia tools to reach an even broader demographic base.

SWAYAM transforms the learning experience from passive listening to active engagement, incorporating formative assessments, quizzes, certification modules, and peer-reviewed assignments that place the learner at the centre of the educational process. This interactivity is crucial for deep learning and promotes self-regulated learning behaviours. The platform's capacity for asynchronous learning allows learners to set their own pace, revisit content, and engage with instructors and peers through discussion forums, creating a dynamic learning environment absent in traditional broadcast media.

The pedagogical continuity of digital platforms is evident in the way SWAYAM curates content, offering courses in multiple Indian languages, enabling linguistic inclusivity and contextualising content to reflect local realities. The National Education Policy (NEP) 2020 reinforces the centrality of inclusive and flexible learning systems, advocating for digital platforms, open educational resources, and blended models of instruction.

In terms of technological transformation, SWAYAM marks a departure from the linear, non-interactive logic of radio broadcasts, incorporating features such as Artificial Intelligence (AI), learner analytics, and interactive tools that personalise the educational journey. However, this transformation is not absolute; it builds upon the foundational ethos of earlier media initiatives. The movement from airwaves to online platforms is not only a technological transition but a profound pedagogical and ideological one, representing both continuity and change in inclusive educational outreach. As educational ecosystems

become increasingly hybrid, drawing on both traditional and new media, the legacy of educational radio continues to shape the future of online learning platforms like SWAYAM, ensuring that the mission of accessible and high-quality education for all remains an achievable goal.

### Challenges and the Road Ahead

Despite SWAYAM's innovative potential, it is not devoid of challenges. Digital literacy, internet penetration, and language diversity remain pressing concerns. A UNESCO (2021) report on the digital divide during the pandemic highlighted that over 50% of rural Indian households lack access to the internet, thus undermining the platform's outreach in exactly the regions where radio once thrived.

The learner engagement on MOOCs often sees high drop-out rates. The absence of real-time human interaction, cognitive overload, and lack of peer accountability are cited as primary reasons (Jordan, 2015). SWAYAM must thus adopt a more learner-analytics-driven approach, integrating adaptive learning systems and mentorship models to personalise the learning experience.

Nonetheless, the comparative flexibility, scalability, and resource-rich environment of SWAYAM make it a resilient platform in India's educational future. Blending its offerings with traditional radio or community radio networks could also revive the hybrid model of outreach, leveraging the strengths of both old and new media.

The transition from airwaves to online platforms encapsulates India's educational journey from scarcity to possibility. Radio, with its wide footprint and cultural familiarity, played a foundational role in shaping early educational dissemination. SWAYAM, in contrast, represents a technologically enriched, policy-driven model of education that embodies the aspirations of Digital India and NEP 2020.

Yet, the continuum between the two is undeniable. Both media function as enablers of access, participation, and transformation. As India stands at the cusp of an educational renaissance, the lessons from radio's past and the innovations of SWAYAM's present must be synthesised to ensure a holistic, inclusive, and future-ready learning ecosystem.



*Disclaimer: Views expressed in the article are personal.*

## ईएमआरसी लखनऊ: प्रबंधन बोर्ड की चौथी बैठक आयोजित

ईएमआरसी, लखनऊ प्रबंधन बोर्ड की चौथी बैठक 3 जून, 2025 को बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय (बीबीएयू), लखनऊ में आयोजित की गई। बोर्ड बैठक की अध्यक्षता प्रो. राज कुमार मित्तल, कुलपति, बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय, लखनऊ और सह-अध्यक्षता प्रो. जे. बी. नड्डा, निदेशक, सीईसी, नई दिल्ली ने की।

प्रो. जे. बी. नड्डा की अंतर्दृष्टिपूर्ण उपस्थिति ने चर्चा को अत्यधिक महत्वपूर्ण बनाया, जिससे इसमें प्रशासनिक गंभीरता और रणनीतिक स्पष्टता भी आई। केंद्र के प्रमुख विकास कार्यसूची पर विचार-विमर्श को दिशा देने में उनका योगदान महत्वपूर्ण रहा। बैठक में पिछली बैठक में सम्मिलित सत्र के कार्यवृत्त की समीक्षा और उसकी पुष्टि, तथा ईएमआरसी, लखनऊ की प्रगति और भविष्य की रूपरेखा पर चर्चा की गई। प्रो. गोपाल सिंह, निदेशक, ईएमआरसी, लखनऊ ने केंद्र द्वारा की जाने वाली गतिविधियों की विस्तृत जानकारियों का प्रस्तुतिकरण और सम्मिलित सदस्यों ने कई महत्वपूर्ण मुद्दों पर सहमति व्यक्त की। बैठक में ऑनलाइन माध्यम से जुड़े यूजीसी, नई दिल्ली के प्रतिनिधि सहित बोर्ड के सभी सदस्य सम्मिलित रहे। बैठक सकारात्मक और रचनात्मकता के साथ संपन्न हुई, जिसमें शैक्षिक मीडिया केंद्र की गुणवत्ता और गम्यता बढ़ाने के लिए साझा दृष्टिकोण को प्रतिबिंबित किया गया।

### 4<sup>th</sup> Board of Management Meeting @ EMRC Lucknow

The 4<sup>th</sup> meeting of the Board of Management of EMRC, Lucknow, was held on the 3<sup>rd</sup> of June 2025, at Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow. The meeting was chaired by Prof. Raj Kumar Mittal, Hon'ble Vice-Chancellor of Babasaheb Bhimrao Ambedkar University, Lucknow and co-chaired by Prof. J.B. Nadda, Director, CEC, New Delhi.

Prof. J.B. Nadda's insightful presence added immense value to the discussions, bringing in administrative depth and strategic clarity. His contributions were instrumental in guiding the deliberations on the key developmental agenda of the Centre. The meeting reviewed and confirmed the minutes of the previous session and discussed the progress and future roadmap of EMRC, Lucknow. Professor Gopal Singh, Director, EMRC, Lucknow presented a wide range of activities undertaken by the Centre, and the members reached a consensus on several important matters. All of the Board members, including a representative from UGC, New Delhi (Online), were present at the meeting. The meeting concluded on a positive and constructive note, reflecting a shared vision for enhancing the quality and reach of educational media.



Prof. Raj Kumar Mittal, Hon'ble Vice-Chancellor of Babasaheb Bhimrao Ambedkar University, Lucknow welcomes Prof. J. B. Nadda, Director, CEC, New Delhi

प्रो. जे. बी. नड्डा, निदेशक, सीईसी का स्वागत करते प्रो. राज कुमार मित्तल, कुलपति, बाबा साहेब भीमराव अंबेडकर विश्वविद्यालय, लखनऊ।



## सीईसी: अंतर्राष्ट्रीय योग दिवस का आयोजन

शैक्षिक संचार संकाय (सीईसी) परिसर में अंतर्राष्ट्रीय योग दिवस के अवसर पर 21 जून, 2025 को श्री जतिन राज, योग विशेषज्ञ द्वारा योग सत्र का आयोजन किया गया। इस अवसर पर उन्होंने योग द्वारा निहित लाभों पर प्रकाश डाला, और अधिकारियों, कर्मचारियों को विभिन्न आसन और क्रियाओं का अभ्यास कराया। डॉ. सुनील मेहडू (संयुक्त निदेशक-सॉफ्टवेयर) ने दैनिक दिनचर्या में योग के महत्व के बारे में चर्चा की। श्री सँजय श्रीवास्तवा, मुख्य प्रशासनिक अधिकारी, डॉ. शत्रुद्ध, अनुसंधान वैज्ञानिक और सीईसी के अन्य अधिकारी, कर्मचारी योग सत्र में उत्साहपूर्वक सम्मिलित हुए। कार्यक्रम के समापन पर सभी सम्मिलित कर्मचारियों को स्वास्थ्यवर्द्धक सूक्ष्म जलपान भी प्रदान किया गया।

संयुक्त राष्ट्र द्वारा, वर्ष 2015 में इस दिन को अंतर्राष्ट्रीय योग दिवस के रूप में मनाने की घोषणा, और योग के वैश्विक संदर्भ और प्राचीन भारतीय परंपरा में इसकी जड़ों को अभिस्वीकृति प्रदान की गई। योग लोगों में आपसी सौहार्द, सद्भाव और संबंध बेहतर बनाने की शक्ति का प्रतीक है, जो सांस्कृतिक और भौगोलिक सीमाओं का समावेशीकरण करता है।

## CEC Celebrates International Yoga Day

CEC marked International Yoga Day on June 21, 2025, with an engaging session led by yoga expert Mr. Jatin Raj on CEC Campus. He highlighted the benefits of yoga and guided staff through various asanas and kriyas. Addressing the staff members on this occasion, Dr. Sunil Mehru, Joint Director, talked about the importance of Yoga in everyday life. Mr Sanjay Srivastava, Chief Administrative Officer, Dr. Shatrudha, Research Scientist and other CEC staff members enthusiastically participated in the event. The celebration was concluded with the distribution of healthy food items to staff members.

Declared by the UN in 2015, International Yoga Day recognizes yoga's global appeal and its roots in ancient Indian tradition. It reflects yoga's power to bring people together and foster harmony and connection, which transcends cultural and geographical boundaries.



CEC staff members celebrate International Yoga Day with enthusiasm

अंतर्राष्ट्रीय योग दिवस पर उत्साहपूर्वक योग सत्र में सम्मिलित सीईसी के अधिकारी, कर्मचारी।



## सीईसी: 54वीं शासी निकाय बैठक आयोजित

सीईसी परिसर में शासी निकाय की 54वीं बैठक 30 मई, 2025 को आयोजित की गई। प्रो. जे. बी. नड्डा, निदेशक, सीईसी ने प्रो. वसुधा कामत, अध्यक्ष, शासी निकाय और सदस्यों श्री शशि शेखर वेंपति, मीडिया विशेषज्ञ एवं पूर्व सीईओ- प्रसार भारती, प्रो. रंजना अग्रवाल, मीडिया विशेषज्ञ एवं निदेशक, सीएसआईआर-एनआईएससीपीआर, श्री सी.बी.एस. मौर्य, पूर्व इंजी. विभाग प्रमुख- डीडी और एआईआर, प्रो. नीलोफर खान, कुलपति, कश्मीर विश्वविद्यालय, डॉ. चंदन गुप्ता, निदेशक, ईएमआरसी इंदौर, प्रो. (डॉ.) प्रमोद कुमार, सरकार द्वारा नामित एवं प्रोफेसर अंग्रेजी पत्रकारिता विभाग, आईआईएमसी-नई दिल्ली और प्रो. मनुकोंडा रबीन्द्रनाथ, प्रोफेसर का स्वागत किया। उन्होंने सीईसी के प्रयासों में निकाय सदस्यों के निरंतर मार्गदर्शन, सहयोग और समर्थन के लिए उनका धन्यवाद किया।

बैठक के दौरान सीईसी और संबद्ध ईएमआरसी द्वारा की गई पहलों की विविधता को प्रदर्शित किया गया, जहां सदस्यों ने कई प्रमुख मुद्दों पर आम सहमति व्यक्त की। शासी बैठक में पिछली बैठक के कार्यवृत्त की समीक्षा और पुष्टि के साथ ही सीईसी के प्रगति और भविष्य की रूपरेखा पर चर्चा शामिल की गई। बैठक सकारात्मक और दूरदर्शी दृष्टिकोण से संपन्न हुई, जिसमें शैक्षिक मीडिया की गुणवत्ता और गम्यता सुधार के लिए सामूहिक प्रतिबद्धता पर प्रकाश डाला गया।

## 54<sup>th</sup> Governing Board Meeting conducted @ CEC

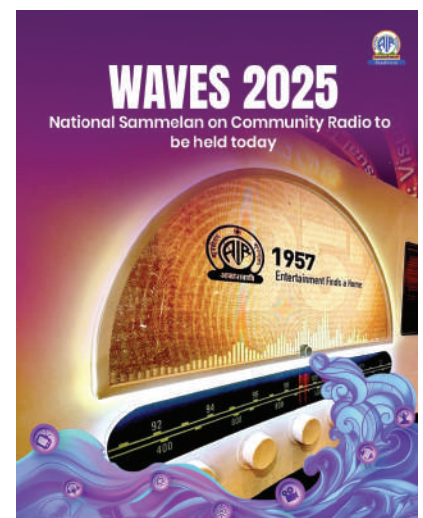
The 54<sup>th</sup> meeting of the Governing Body was held on the 30<sup>th</sup> of May, 2025, on CEC premises. Prof. J.B. Nadda, Director CEC, welcomed Prof. Vasudha Kamat, Chairperson and members of the governing body; Sh. Shashi Shekhar Vempati, Media Expert & Formerly CEO Prasar Bharati, Prof. Ranjana Aggarwal, Media Expert & Director CSIR-NISCP, Shri C.B.S. Maurya, Formerly E-in-C, DD & AIR, Prof. Nilofer Khan, VC, University of Kashmir, Dr. Chandan Gupta, Director, EMRC Indore, Prof. (Dr.) Pramod Kumar, Govt. Nominee & Professor D/o English Journalism, IIMC and Prof. Manukonda Rabindranath, Professor. He thanked them for their continued guidance, cooperation and support in the endeavours of CEC.

A diverse array of initiatives carried out by CEC and its EMRCs was showcased during the meeting, where members reached a consensus on several key issues. The proceedings included a review and confirmation of the previous meeting's minutes, along with discussions on CEC's ongoing progress and future roadmap. The meeting concluded on a positive and forward-looking note, highlighting a collective commitment to improving the quality and accessibility of educational media.

## ईएमआरसी अहमदाबाद: वेक्स, राष्ट्रीय सामुदायिक रेडियो सम्मेलन- 2025, में सहभागिता

श्री भरत जादव, निर्माता, ईएमआरसी अहमदाबाद, गुजरात विश्वविद्यालय ने 3 और 4 मई, 2025 को राष्ट्रीय सामुदायिक रेडियो सम्मेलन- 2025, मुंबई; मुंबई- वेक्स कार्यक्रम में ईएमआरसी अहमदाबाद के सामुदायिक रेडियो स्टेशन रेडियो गुरुवाणी- 90.8 एफएम का प्रतिनिधित्व किया। भारतीय जन संचार संस्थान (आईआईएमसी) द्वारा सूचना एवं प्रसारण मंत्रालय, भारत सरकार के सीआरएस प्रकोष्ठ के सहयोग से आयोजित इस कार्यक्रम में देशभर से सामुदायिक रेडियो से जुड़े पेशेवर, नीति निर्माता, शिक्षाविद और मीडियाकर्मी मंच पर एक सम्मिलित हुए।

यह सम्मेलन भारत में सामुदायिक रेडियो के उभरते परिदृश्य पर विचार-विमर्श करने के लिए राष्ट्रीय मंच के रूप में कार्य करेगा। श्री जादव दो दिवसीय कार्यक्रम में आयोजित कई ज्ञानवर्धक सेमिनार और कार्यशालाओं में सम्मिलित हुए, जिनमें सामुदायिक रेडियो स्टेशनों की स्थिरता, सामग्री निर्माण में नवाचार, सामुदायिक भागीदारी और प्रसारण में प्रौद्योगिकी के रणनीतिक उपयोग जैसे विषयों पर चर्चा-विमर्श किया गया। कार्यक्रम में सत्रों के दौरान स्थानीय प्रतिभाओं, समावेशी संचार और व्यावहारिक स्तर पर विकास को बढ़ावा देने में सामुदायिक रेडियो की महत्वपूर्ण भूमिका पर जोर दिया गया।



रेडियो गुरुवाणी- 90.8 एफएम प्रतिनिधित्व के रूप में उन्होंने शिक्षा, जागरूकता और सशक्तिकरण- विशेष रूप से वंचित समूहों के बीच, माध्यम की तरह सामुदायिक रेडियो के उपयोग पर ईएमआरसी अहमदाबाद की प्रतिबद्धता पर भी प्रकाश डाला। उन्होंने ऐसी विषय-वस्तु निर्माण के महत्व को साझा किया, जिससे स्थानीयता से प्रासंगिक और रचनात्मक-आकर्षक हो, तथा राष्ट्रीय विकास और सहभागी संचार के व्यापक उद्देश्यों के साथ संरेखित किया जा सके।



## EMRC Ahmedabad at WAVES – National Community Radio Sammelan 2025

Mr. Bharat Jadav, Producer, EMRC Ahmedabad, Gujarat University, represented Radio Guruvani 90.8 FM, the Community Radio Station of EMRC Ahmedabad, at the National Community Radio Sammelan 2025, held at Mumbai as part of WAVES on the 3<sup>rd</sup> and 4<sup>th</sup> of May 2025. Organized by the Indian Institute of Mass Communication (IIMC) in collaboration with the CRS Cell, Ministry of Information and Broadcasting, Government of India, the event brought together community radio professionals, policymakers, academicians, and media practitioners from across the country.

The Sammelan served as a national platform to deliberate on the evolving landscape of community radio in India. Mr. Jadav actively participated in several insightful seminars and workshops held during the two-day event, focusing on themes such as the sustainability of community radio stations, innovation in content creation, community participation, and the strategic use of technology in broadcasting. The sessions emphasized the critical role of community radio in promoting local voices, inclusive communication, and grassroots-level development.

Representing Radio Guruvani 90.8 FM, he also highlighted EMRC Ahmedabad's commitment to using community radio as a medium for education, awareness, and empowerment, especially among marginalized groups. He reflected on the importance of building content that is both locally relevant and creatively engaging, aligning with the broader objectives of national development and participatory communication.



## ईएमआरसी जोधपुर के निदेशक मलेशिया में ‘लाइफटाइम अचीवमेंट अवार्ड’ से सम्मानित

प्रो. बी. आर. गढ़ी, निदेशक, ईएमआरसी-जोधपुर एवं प्रोफेसर, वनस्पति विज्ञान विभाग, जय नारायण व्यास विश्वविद्यालय, जोधपुर ने “रिसेंट इनोवेशंस इन बायोलॉजिकल, केमिकल एंड क्लिनिकल साइंसेज-2025 (आरआईबीसीसीएस)” विषय पर द्वितीय अंतर्राष्ट्रीय सम्मेलन में मुख्य वक्ता के रूप में व्याख्यान प्रस्तुत किया। यह सम्मेलन मलक्का, मलेशिया में 6-7 मई, 2025 को माइक्रोबायोलॉजिस्ट्स सोसाइटी- इंडिया और मणिपाल यूनिवर्सिटी कॉलेज- मलेशिया द्वारा आयोजित किया गया।

सम्मेलन में प्रोफेसर गढ़ी ने “बायोटैक्नोलॉजिकल एडवांसेस इन एबॉयोटिक स्ट्रेस टोलरेंस ऑफ प्लांट्स” विषय पर अपने विचार प्रस्तुत किए। उनका व्याख्यान पौधों, विशेष रूप से खेजड़ी, केर, जाल (सेल्वाडोरा), बेर, खिंप, जंगली प्याज (डिपकाडी) और सेवन घास जैसे रेगिस्तानी पौधों के तनाव, सहनशीलता और अनुकूलन पर केंद्रित था, जो सूखे, लवणता, उच्च तापमान, फ्लोराइड और अन्य अजैविक प्रतिकूल पर्यावरणीय परिवेश के प्रति संवेदनशील होते हैं। उन्होंने उत्परिवर्तन, अनुवांशिक इंजीनियरिंग और जिनोम संपादन के साथ-साथ अन्य जैव प्रौद्योगिकी दृष्टिकोणों के महत्व को समझाया। सम्मेलन में उन्हें थार रेगिस्तान के पौधों से संबंधित वनस्पति अनुसंधान के क्षेत्र में योगदान के लिए “लाइफटाइम अचीवमेंट अवार्ड” से सम्मानित किया गया।

### EMRC Jodhpur Director honoured with ‘Lifetime Achievement Award’ in Malaysia

Prof. B.R. Gadi, Director, EMRC Jodhpur, Professor, Botany Department, Jai Narayan Vyas University, Jodhpur, delivered a lecture at the 2<sup>nd</sup> International Conference on the “Recent Innovations in Biological, Chemical and Clinical Sciences-2025 (RIBCCS)” as keynote speaker. The event was organised by the Microbiologists Society India and Manipal University College Malaysia, on 6-7 May 2025 in Malacca, Malaysia.

In the conference, Professor Gadi spoke on the topic, “Biotechnological Advances in Abiotic Stress Tolerance of Plants”. His lecture focused on the stress, tolerance and adaptation of plants, especially desert plants like Khejri, Ker, Jaal (Salvadora), Ber, Khimp, Wild Onion (Dipcadi) and Sevan Grass, towards drought, salinity, high temperatures, fluoride and other abiotic stresses. He explained the importance of mutation, genetic engineering and genome editing, along with other biotechnological approaches. He was honoured with the “Lifetime Achievement Award” at the conference for his contributions in the field of Botanical research related to Thar desert plants.



Prof. B. R. Gadi, Director, EMRC Jodhpur honoured with the “Lifetime Achievement Award” at the conference

प्रो. बी. आर. गढ़ी, निदेशक, ईएमआरसी, जोधपुर को कार्यक्रम में लाइफटाइम अचीवमेंट पुरस्कार से सम्मानित किया गया।



Subject Expert

**Dr Pooja Sharma**

### Affiliation

Associate Professor,  
Department of Economics,  
Daulat Ram College,  
University of Delhi.

## Tradable Permits and Carbon Credit Markets Part I



**Scan for lecture**

### About the Expert

Associate Professor, Department of Economics, Daulat Ram College, University of Delhi. An alumna of Miranda House, University of Delhi, she completed her Master's in Economics from the Delhi School of Economics, MPhil and Ph.D. from Jawaharlal Nehru University (JNU), and was a Ph.D. fellow at the University of Agder (Norway). Her contribution varies in the fields of Energy security, Energy transition, Renewable energy, Human Capital, and Climate change. She has published several papers in reputed national and international journals. She has contributed several online modules on various fields of Economics, books on ecological sustainability, and also engaged in a CEC UGC live lecture series on Environmental Economics, Climate Change, and Sustainability.

### Excerpt from the Lecture

An alternative to a carbon tax is a system of tradable carbon permits, also called cap-and-trade. CAP AND TRADE is a tradable permit system for pollution emissions. A carbon trading scheme can be implemented at the state or national level or could include multiple countries. The lecture demonstrates each firm's optimal emissions and the equilibrium price of permits. The lecture would delve into the advantages of tradable permits. The carbon credit market is a system where entities can buy and sell emission reduction credits, or carbon credits, to offset their greenhouse gas emissions. The two types of markets such as Compliance Markets and Voluntary Markets. The lecture would also navigate through the challenges associated with Carbon Credit Markets.

### Learning Objectives

- To comprehend the framework of tradable permits as an economic incentive under the Environmental Regulation.
- To understand the “cap and trade” concept of the marketable permit system.
- To visualize the market equilibrium achieved under the marketable permit system
- To comprehend the carbon credit markets and their functioning.
- To visualize the advantages and challenges related to the carbon credit market system.



## Citation of the 16th Prakriti International Documentary Film Festival



Sabuj Konar



Scan for documentary



### WHERE ARE YOU, YUSUF

Bengali | 2023 | 00:06:44

**SCREENING**

CATEGORY

CATEGORY: **HUMAN RIGHTS**

**SYNOPSIS** - Yusuf, the son of a happy family goes to Oman hoping for a bright future. But there, he is captured by an unknown danger and forced to work tirelessly for nominal wages.

In the absence of humans, he begins to speak to nature. Affable Yusuf becomes lonely. He regrets leaving his country. What will happen to him when all contact with him suddenly stops?

Sabuj Konar is an editor and Producer working for Educational Media Research Center in Kolkata. He has made and edited more than thousand educational programmes and several fiction and documentary films. Sabuj also teaches film editing in renowned institutes. Some of his prominent works as an editor and director are: Magician of the Red Soil (Best Documentary of the Year – 14th Prakriti International Documentary Film Festival - 22 and CEC-UGC video competition - 22 (Citation), Where Loneliness Rule (Screened at Prakriti Documentary Film Festival, 2014) Frozen History (Special Jury award – ilead-O-Scope, 2014), City Paint (Best Documentary of the Year – Chitra Bharati festival, Kolkata 2019), After the Storm (Best Sound award – CEC-UGC video competition, 2018)

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Word Limit: **900-1200 words**

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- Avoid plagiarism.
- The article can include subheadings/tables/bullet points.
- The article should include a catchy headline.
- Must include an opening paragraph and conclusion.
- Use communicative English.
- Publication of articles is subject to the scrutiny of the editorial board.

**How to Submit?**

- A Word file containing the article should be sent to [sanyacec@gmail.com](mailto:sanyacec@gmail.com) / [research.cec10@gmail.com](mailto:research.cec10@gmail.com)
- Attach a scanned passport-size photograph with a brief profile while sending the article (refer to the detailed guidelines)



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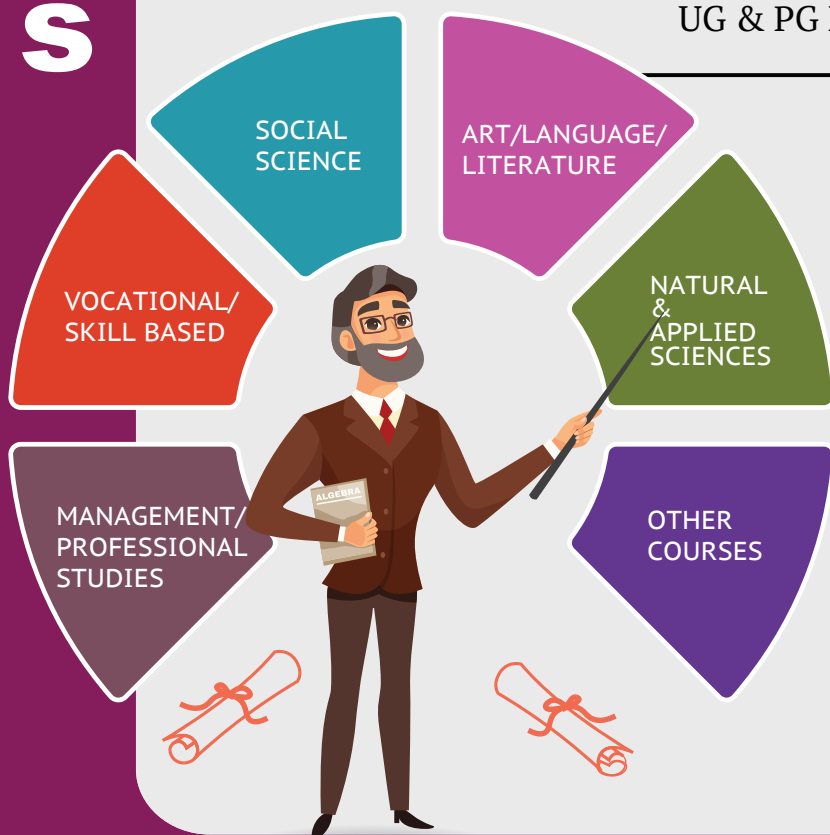
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011-24126425

S. No.	Course ID	Course Title	Course Coordinator Name
1	cec25_hs126	Administration and Public Policy: Concepts and Theories	Dr. Esita Sur
2	cec25_hs134	Administrative Theory	Dr.Lakshman
3	cec25_cy13	Advances in Instrumentation and Chemical Data Analysis	Dr. Rajesh R. Parvatkar
4	cec25_mg22	Advertising and Brand Management	Prof. (Dr.) Mamta Brahmabhatt
5	cec25_hs140	Agrarian sociology	Prof.Ganesh Chinta
6	cec25_hs101	Agricultural Geography	Dr V Krishna Kumar
7	cec25_te02	Apparel Designing	A. Sarada Devi
8	cec25_bt07	Applied Entomology	Dr. Sannappa B
9	cec25_hs88	Applied Social Psychology	Rujuta Dhananjay Deshmankar
10	cec25_hs127	Aspects of European History (1780- 1939)	Prof. Subhas Ranjan Chakrobarty
11	cec25_bt16	Bacteriology and Virology	Dr. Madhumita Maitra
12	cec25_ed14	Basic Concepts in Education	Dr.S.Prakash
13	cec25_cy07	Basic concepts in Enzymology	Dr. Deepa G Muricken
14	cec25_mg19	Basics of Digital Marketing	Dr. Shilpa Bagdare
15	cec25_ge11	Basics of Forensic Science & Criminalistics	Prof. Debaish Bose
16	cec25_hs142	Bio Psychology	Dr. Hemlata Joshi
17	cec25_ed15	Braille & Assistive Devices	Dr. G. Victoria Naomi
18	cec25_mg14	Business Ethics	Archana Vechalekar
19	cec25_cm19	Business Mathematics	Prof.Karunesh Saxena
20	cec25_mg15	Business Planning & Project Management	Dr. Ravi Ahuja
21	cec25_mg17	Business Statistics	Dr. P. M. Shiva Prasad
22	cec25_cy12	Chemistry of d – Block Elements, Quantum Chemistry and Spectroscopy	Dr. Niraj Upadhyay
23	cec25_ma29	Combinatorial Mathematics	Dr. Resmi T
24	cec25_lw06	Commercial Law	Dr. Heena Basharat
25	cec25_cm13	Communication and Business Correspondence	Bageshree Deo
26	cec25_cs02	Computer Applications in Business	Dr.MS Maheshan
27	cec25_cs10	Computer Fundamentals	Dr. Sanjay Tanwani
28	cec25_hs85	Contemporary Political Economy	Dr. Wahida Shaikh
29	cec25_cm18	Cost Accounting	Amita Bissa
30	cec25_lg08	Critical Survey of Sanskrit Literature	Dr. Harish Chandra Tiwari   Dr. Prakash Chandra Pant
31	cec25_cs03	Cryptography	Dr Rajesh Kumar Bawa
32	cec25_cs04	Cyber Laws	Dr Vishal Goyal
33	cec25_bt13	Cytogenetics	Dr. Md. Niamat Ali
34	cec25_cs01	Data Mining	Mr. L. Abraham David
35	cec25_hs128	Democratic Awareness With Legal Literacy	Dr. Partha Pratim Paul
36	cec25_ed20	Developing Life Skills	Prof.(Dr) M N Musthafa
37	cec25_hs87	Development of Psychological Thought	Dr. Pallavi Kasande
38	cec25_hs146	Developmental Psychology	Dr. Koijam Sobita Devi
39	cec25_lb01	Digital Library	Dr. Jagdish Arora
40	cec25_mg18	Digital Marketing	Dr Tejinderpal Singh
41	cec25_hs135	Disaster Management	DR. D. K. Laldas
42	cec25_ma28	Discrete mathematics	Dr. MINIRANI S
43	cec25_ag08	Diseases of Horticultural Crops and their Management	Prof. Bireswar Sinha
44	cec25_ce02	Earth System Science	Prof.M S Sisodia
45	cec25_es04	Ecology and Environmental Pollution	Prof. Zafar A. Reshi
46	cec25_mg16	Ecommerce Technologies	G. Selva Jeba
47	cec25_ed21	Educational Psychology	Dr Sameer Babu M



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Tentative Start date	Tentative End date	Host University/ Institute	No of credits	Level UG/PG	NCrF Level
14.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	2	UG	5.5
14.07.2025	31.10.2025	Osmania University	5	UG	4.5
01.07.2025	31.10.2025	Goa University	4	PG	6.5
14.07.2025	31.10.2025	Gujarat University	3	UG	5.5
07.07.2025	31.10.2025	Osmania University	5	UG	5.5
07.07.2025	31.10.2025	University of Mysore	4	UG	5
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	4.5
07.07.2025	31.10.2025	University of Mysore	4	UG	5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	6
14.07.2025	31.10.2025	EMRC, St Xavier's College, Kolkata	3	UG	5.5
14.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	4	UG	4.5
10.07.2025	31.10.2025	M.K.University, Madurai	2	UG	5.5
14.07.2025	31.10.2025	University of Calicut	4	UG	6
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	4	UG	5.5
14.07.2025	31.10.2025	Dr. Harisingh Gour Uuniversity, Sagar (M.P.)	2	UG	5.5
14.07.2025	31.10.2025	JNVU	5	UG	4.5
10.07.2025	31.10.2025	Avinashiingam Institute for Home Science and Higher Education for Women,Coimbatore	2	UG	5.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	5.5
14.07.2025	31.10.2025	JNVU	4	UG	5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	5.5
17.07.2025	31.10.2025	University of Mysore	5	UG	4.5
14.07.2025	31.10.2025	Dept. of Chemistry Dr. Harisingh Gour Uuniversity, Sagar (M.P.)	4	UG	5.5
01.07.2025	31.10.2025	University of Calicut	5	UG	5
10.07.2025	31.10.2025	University of Kashmir	4	UG	4.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	3	UG	5.5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	4	UG	4.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	5	UG	6
14.07.2025	31.10.2025	JNVU	5	UG	5
14.07.2025	31.10.2025	Uttarakhand Sanskrit University, Haridwar, Uttarakhand	5	UG	4.5
07.07.2025	31.10.2025	Punjabi University, Patiala	2	UG	5
07.07.2025	31.10.2025	Punjabi University, Patiala	4	UG	5
07.07.2025	31.10.2025	University of Kashmir	4	UG	4.5
14.07.2025	31.10.2025	M.K.University, Madurai	4	UG	5.5
14.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	2	UG	5
14.07.2025	31.10.2025	University of Calicut	4	UG/PG	5.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	5	UG	6
07.07.2025	31.10.2025	Manipur University	5	UG	5.0
14.07.2025	31.10.2025	Central University of Himachal Pradesh	5	PG	6
07.07.2025	31.10.2025	Panjab University, Chandigarh	4	PG	6.5
07.07.2025	10.10.2025	Osmania University	5	UG	5.5
14.07.2025	31.10.2025	University of Calicut	2	UG	5.5
07.07.2025	31.10.2025	Manipur University	3	UG	4.5
14.07.2025	31.10.2025	JNVU	4	UG	4.5
07.07.2025	31.10.2025	University of Kashmir	4	UG	4
10.07.2025	31.10.2025	M.K.University, Madurai	4	UG	5.5
14.07.2025	31.10.2025	Jamia Millia Islamia	2	UG	5.5

S. No.	Course ID	Course Title	Course Coordinator Name
48	cec25_hs119	Effective Decision Making	Dr. Muhd. Muzammil
49	cec25_bt10	Endocrinology	Dr. Manzoor A. Mir
50	cec25_as06	Enhancement of Vocal Skills	Dr. Shashank
51	cec25_cm16	Entrepreneurship Development	Dr. Nilam Panchal
52	cec25_mg23	Entrepreneurship Skills	Dr. Pradip Prajapati
53	cec25_hs102	Environment Policy and Administration	Dr. Tejpal Dhewa
54	cec25_hs98	Environmental Economics	Prof Ravindra Kumar
55	cec25_ce04	Environmental Geology	Prof. L. P. Chourasia and Dr. G. K. Singh
56	cec25_ge10	Environmental Issues In India	Dr. Javid A Parray
57	cec25_hs141	Environmental Sociology	Prof.Satyapriya Routh
58	cec25_bt17	Environmental, Food & Dairy Microbiology	Dr. Debjani Dutta
59	cec25_hs145	Feminism: Theory & Practice	Ningombam Shreema Devi
60	cec25_ma27	Finite Element Methods	Dr. Tamal Pramanick
61	cec25_bt14	Fish & Fisheries	Dr. Kespi A Pithawala
62	cec25_ed24	Fitness Management	Prof. M. Chourjit
63	cec25_as05	Foundation Course in Kathak	Prof. Amita Dutt
64	cec25_ma33	Functional Analysis	DR. MANTU SAHA
65	cec25_ag06	Functional Foods and Nutraceuticals	Dr Rekha Sharma
66	cec25_hs103	Fundamentals of Citizen-Centric Governance	Prof Raj Kumar Siwach
67	cec25_cm14	Fundamentals of Insurance	Dr.K.Uma
68	cec25_mg13	Fundamentals of Office Management and Methods	Dr. Rupali Sheth
69	cec25_bt18	General Microbiology	Dr. Ishwori Laitonjam
70	cec25_hs83	General Psychology	Dr. Shradha Sakatkar
71	cec25_hs109	Glimpses of Indian Writing in English	Dr.Bindu Ann Philip
72	cec25_ma26	Group Theory I	Dr.Ragi Puthan Veettil
73	cec25_hs130	Health Psychology	Dr. Anne Samyukta
74	cec25_lg09	Hindi Bhasha ka Udbhav aur Vikas	Dr. Ganga Sahay Meena
75	cec25_hs104	History of India - VI (C.1750-1875)	Dr Vikas Rathee
76	cec25_hs118	History of India-II	Dr. Younus Rashid
77	cec25_hs147	History of USA-II	Dr. Bhabananda Singh Takhellambam
78	cec25_ge06	Hospitality Industry in Tourism	Prof. H. Rajashekar
79	cec25_mg21	HRM For Non-HR Managers	Dr. Margie Parikh
80	cec25_bt03	Human Genetics	Prof N B Ramachandra
81	cec25_ed17	Human Growth and Development	Dr. K.Sambath Rani
82	cec25_cy11	Human Nutrition and Biochemistry	Dr Vipparti Vijaya Lakshmi
83	cec25_hs143	Human Rights and Humanitarian law	Dr. N. Pramod
84	cec25_ed22	ICT Skills in Education	Dr. Ismail Thamarasseri
85	cec25_ed18	Identification of Children with Visual Impairment and Assessment of Needs	Mrs. R. Nagomi Ruth
86	cec25_bt20	Immunology	Dr. Reena Haobam
87	cec25_cm15	Income Tax Law & Practice	Dr. Suresh Patidar
88	cec25_hs133	Indian Administration	Prof.Y.Pardhasaradhy
89	cec25_as04	Indian Classical Dance - Kathak	Pta. Maneesha Sathe
90	cec25_hs124	Indian Culture & History	Prof. Shiv Shankar Mishra
91	cec25_hs93	Indian Economy	Dr. RAJESHWARI GM
92	cec25_hs94	Indian Economy-II	Dr Oshma Rosette Pinto
93	cec25_hs125	Indian Political Thought - I	Dr. Jhumpa Mukherjee
94	cec25_hs92	Indian Society – Social Problems & Issues	Dr.Sobhana Mishra



# List of Courses for July - December 2025 Semester

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011-24126425

Tentative Start date	Tentative End date	Host University/ Institute	No of credits	Level UG/PG	NCrF Level
07.07.2025	31.10.2025	University of Kashmir	2	UG	4
07.07.2025	31.10.2025	University of Kashmir	4	UG	5.5
01.07.2025	31.10.2025	Goa University	4	UG	4.5
14.07.2025	31.10.2025	Gujarat University	4	UG	5
14.07.2025	31.10.2025	Gujarat University	3	UG	5.5
14.07.2025	31.10.2025	Central University of Haryana, Mahendergarh	5	UG	5
07.07.2025	31.10.2025	University of Mysore	5	UG	5
14.07.2025	31.10.2025	Dr. Harisingh Gour University, Sagar (M.P.)	2	UG	4.5
07.07.2025	31.10.2025	University of Kashmir	5	UG	4
14.07.2025	31.10.2025	Osmania University	4	PG	5.5
14.07.2025	21.09.2025	St. Xavier's College (Autonomous), Kolkata	4	UG	5
07.07.2025	31.10.2025	Manipur University	5	UG	5.0
07.07.2025	31.10.2025	University of Calicut	5	UG	5.5, 6, 6.5
14.07.2025	31.10.2025	Gujarat University	4	UG	5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
07.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	2	UG	5
14.07.2025	31.10.2025	University of Calcutta	4	PG	6.5
07.07.2025	31.10.2025	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	4	PG	6.5
14.07.2025	31.10.2025	Chaudhary Devi Lal University, Sirsa	4	UG	5.5
10.07.2025	31.10.2025	M.K.University, Madurai	4	UG	5.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	5.5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	5	UG	6
14.07.2025	31.10.2025	University of Calicut	4	UG	4.5 & 5
07.07.2025	05.10.2025	University of Calicut	5	UG	5.5
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	5.5
14.07.2025	31.10.2025	Jawaharlal Nehru University	4	PG	6.0-7.0
14.07.2025	31.10.2025	Central University of Punjab, Bathinda	5	UG	5
07.07.2025	31.10.2025	University of Kashmir	5	UG	4
07.07.2025	31.10.2025	Manipur University	5	UG	5.0
07.07.2025	31.10.2025	University of Mysore	4	UG	4.5
14.07.2025	31.10.2025	Gujarat University	4	UG	5.5
07.07.2025	31.10.2025	University of Mysore	4	UG	5
10.07.2025	31.10.2025	Avinashiingam Institute for Home Science and Higher Education for Women,Coimbatore	2	UG	5.5
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	5.5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
14.07.2025	31.10.2025	Mahatma Gandhi University	4	UG/PG	7
10.07.2025	31.10.2025	Avinashiingam Institute for Home Science and Higher Education for Women,Coimbatore	2	UG	5.5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	5	UG	5
14.07.2025	31.10.2025	Osmania University	5	UG	4.5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	5.5
01.07.2025	31.12.2025	Sri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth	4	PG	5.5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
14.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	5	UG	5.5
10.07.2025	31.10.2025	M.K.University, Madurai	4	UG	5.5

S. No.	Course ID	Course Title	Course Coordinator Name
95	cec25_bt15	Industrial Microbiology and Immunology	Dr. Kasturi Sarkar
96	cec25_cs05	Information Security	Dr Maninder Singh
97	cec25_cy09	Inorganic Materials of Industrial Importance	Prof. P. Ghalsasi Dr. R. N. Jadeja
98	cec25_mg25	Integrated Marketing Communication and Sales force	Dr. Soma Nath
99	cec25_hs95	Intermediate Macroeconomics - I	Dr. Venkatesh R
100	cec25_ge09	Introduction to Advertising	Dr. Narayan Patidar
101	cec25_hs96	Introduction to Comparative Government and Politics	DR. RAGHU B T
102	cec25_cs06	Introduction to Data Structures	Dr Gurpreet Singh Lehal
103	cec25_hs129	Introduction to Indian Literature in English: Colonialism to Postcolonialism	Dr. Jai Singh
104	cec25_mg27	Introduction to Marketing Management - 1	Dr. Nambram Amulkumar
105	cec25_hs105	Introduction to Public Administration	Prof Ajmer Singh Malik
106	cec25_cs07	Introductory Concepts of Digital Computing	Ms. Betsy Chacko
107	cec25_hs99	Introductory Microeconomics	Dr Reshma Chengappa
108	cec25_lg10	Introductory Sanskrit: Grammar	Prof. Jaikant Singh Sharma
109	cec25_lw05	Law of Torts	Dr. Aneeda Jan
110	cec25_lw07	Law Relating To Companies, Securities, Insolvency And Bankruptcy in India	Prof. (Dr.) G. B. Reddy
111	cec25_ma23	Logic And Sets	Mohamed Nishad Maniprambath
112	cec25_cm17	Management Accounting	Dr. Deepak Raste
113	cec25_bt08	Marine Biotechnology	Dr.V.Arul
114	cec25_mg20	Mathematical Economics	Sikha Ahmad
115	cec25_hs106	Mathematical Methods for Economics-II	Prof. Anupama
116	cec25_hs84	Negotiation and Conflict Management	Dr. Sachin Surve
117	cec25_hs114	NGO'S and Sustainable Development	Dr. L. Suganthi
118	cec25_ph01	Nuclear and Particle physics	Dr. G. Sasikala
119	cec25_ma32	Numerical Analysis	Dr. Madhumangal Pal
120	cec25_ma24	Numerical Methods	Dr. Mansoor P
121	cec25_cs09	Operating systems	Dr. N. Thangaraj
122	cec25_ma30	Operations Research	Prof. Bibhas Chandra Giri
123	cec25_mg24	Organizational Behaviour	Prof Rishipal
124	cec25_ce03	Palaeontology	Dr. G. K. Singh
125	cec25_ma31	Partial Differential Equations	Alaka Das
126	cec25_hs132	Pedagogy of Teaching English	Dr Swathi Mulinti
127	cec25_mg12	Personality Development	Dr. Sweta Sanjog Metha
128	cec25_hs111	Photojournalism	Dr. Radhika Khanna
129	cec25_bt12	Phychology and Microbiology	Dr. Syed Wilayat Rizvi
130	cec25_hs100	Physical Geography - Climatology and Oceanography	Dr. Arun Das
131	cec25_bt19	Plant Biochemistry and Plant Biotechnology	Prof. K. Sanataombi
132	cec25_bt06	Plant Pathology and Soil Health	Dr. Vindhya K
133	cec25_bt09	Plant Physiology and Plant Tissue Culture	Dr. Monica Jain
134	cec25_bt11	Plant Systematics	Dr. Anzar A. Khuroo
135	cec25_ag07	Post Harvest Management of Fruits and Vegetables	Dr. Nongallei Pebam
136	cec25_hs122	Principles of Macroeconomics I	Dr Kamlesh Gakhar
137	cec25_lg11	Proficiency Course in French	Dr.Kanchan Chakravarty
138	cec25_lg12	Proficiency Course in Russian	Dr Pusp Ranjan
139	cec25_lg13	Proficiency Course in Spanish	Dr T Srivani
140	cec25_ed16	Psycho Social and Family Issues of Individuals with Visual Impairment	Mrs. R.Shanthi



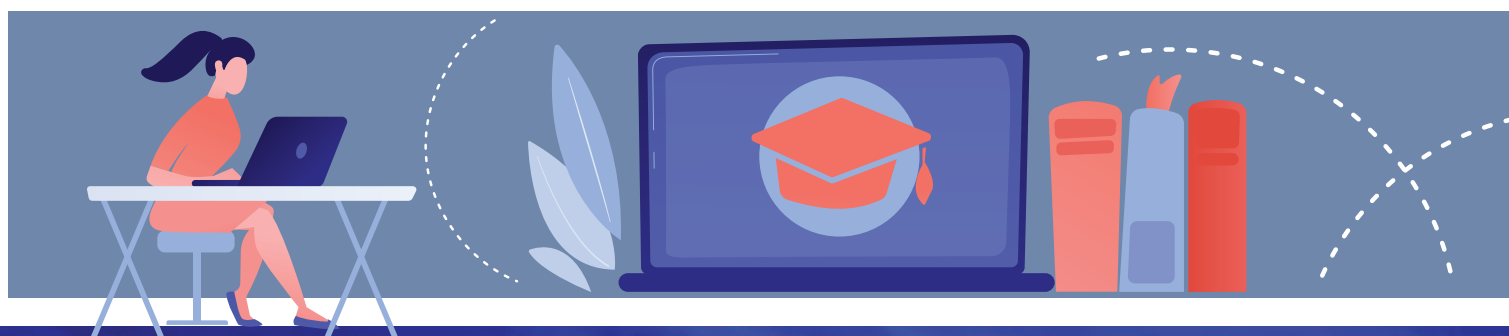
# List of Courses for July - December 2025 Semester

CEC Helpdesk SWAYAM and  
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Tentative Start date	Tentative End date	Host University/ Institute	No of credits	Level UG/PG	NCrF Level
14.07.2025	31.10.2025	St. Xavier's College (Autonomous), Kolkata	4	UG	5.5
07.07.2025	31.10.2025	Thapar University, Patiala	4	UG	5
14.07.2025	31.10.2025	The M. S. University of Baroda, Vadodara, Gujarat	4	UG	5.5
14.07.2025	31.10.2025	EMRC, St Xavier's College, Kolkata	2	UG	5.5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	3	UG	4.5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
07.07.2025	31.10.2025	Punjabi University, Patiala	2	UG	5
14.07.2025	31.10.2025	EFLU, Hyderabad	5	UG	5
07.07.2025	31.10.2025	Manipur University	2	UG	4.5
07.07.2025	31.10.2025	Chaudhary Devi Lal University, Sirsa	4	PG	6.5
14.07.2025	31.10.2025	University of Calicut	4	UG	5.5
07.07.2025	31.10.2025	University of Mysore	5	UG	5
15.07.2025	31.10.2025	Shri Lal Bahadur Shastri National Sanskrit University, New Delhi-16	4	PG	5.5
01.07.2025	31.10.2025	University of Kashmir	2	UG	4
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	5.5
14.07.2025	31.10.2025	University of Calicut	2	UG	5.5
14.07.2025	31.10.2025	Gujarat University	4	UG	4.5
14.07.2025	31.10.2025	Pondicherry University	4	UG	5.5
14.07.2025	31.10.2025	Doon University, Dehradun	4	PG/UG	5.5-6
07.07.2025	31.10.2025	Punjabi University, Patiala	5	UG	5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	6
14.07.2025	31.10.2025	Anna University	5	UG	5.5
14.07.2025	31.10.2025	M.K.University, Madurai	4	UG	5.5
14.07.2025	31.10.2025	Calcutta University	4	PG	6.5
07.07.2025	31.10.2025	University of Calicut	4	UG	6
14.07.2025	31.10.2025	Anna University	4	UG	5
14.07.2025	31.10.2025	University of Calcutta, Kolkata	4	PG	6.5
14.07.2025	31.10.2025	Shri Vishwakarma Skill University, Dudhola, Palwal, Haryana	4	UG/PG	6
14.07.2025	31.10.2025	Dr. Harisingh Gour Uuniversity, Sagar (M.P.)	4	UG	6
06.07.2025	31.10.2025	University of Calcutta	4	PG	6.5
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	6
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	UG	5.5
14.07.2025	31.10.2025	Pondicherry University	5	UG/PG	5
07.07.2025	31.10.2025	university of kashmir	4	UG	4.5
07.07.2025	31.10.2025	University of Mysore	4	UG	4.5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
07.07.2025	31.10.2025	University of Mysore	4	UG	4.5
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	4	UG	5.5
07.07.2025	31.10.2025	University of Kashmir	4	UG	4.5
07.07.2025	31.10.2025	Manipur University	4	UG	5.0
14.07.2025	31.10.2025	Maharshi Dayanand University, Rohtak	4	UG	5
14.07.2025	31.10.2025	EFLU, Hyderabad	5	UG	4.5
14.07.2025	31.10.2025	EFLU, Hyderabad	4	UG	4.5
14.07.2025	31.10.2025	EFLU, Hyderabad	5	UG	4.5
14.07.2025	31.10.2025	Avinashiingam Institute for Home Science and Higher Education for Women,Coimbatore	2	UG	5.5

S. No.	Course ID	Course Title	Course Coordinator Name
141	cec25_hs110	Psychology at Work	Dr. Devi Soumyaja
142	cec25_hs121	Psychology For Health And Well-Being	Dr. Yasir Hamid Bhat
143	cec25_ed23	Psychology Of Development And Learning	Prof. (Dr.O A. Hameed
144	cec25_hs117	Psychology of Individual Differences	Dr Manzoor Ahmad Rather
145	cec25_hs144	Public Economics	Dr. Shreedha Chungkham
146	cec25_hs86	Public Personnel Administration	Dr. A Ramakumar
147	cec25_cy10	Quantum Chemistry, Spectroscopy & Photochemistry	Prof. P. Ghalsasi Dr. Amar Ballabh
148	cec25_hs107	Regulatory Governance	Dr Tarun Arora/ Dr Sharanjit
149	cec25_lw04	Research Methodology	Prof.G.S.Bajpai
150	cec25_ed13	Research Methodology in Education	Dr. Shefali Pandya
151	cec25_mg26	Retail Business Management	Dr. Meeta Nihalani
152	cec25_hs97	Rural Local Governance	Dr. Chandrika. C.S
153	cec25_ag05	Silkworm rearing and reeling technology	Dr Divya
154	cec25_hs139	Social Case Work	Dr.Kanakadurga
155	cec25_hs120	Social Formation and Cultural Patterns of Ancient World	Dr Abdul Rashid Lone
156	cec25_hs131	Social Psychology	Dr.P.Swathi
157	cec25_hs138	Social welfare Administration	Dr.V.Bhaskaran
158	cec25_hs137	Social work Research	Dr.T.Saraswathi
159	cec25_hs115	Sociological Research Methods - II	Dr. Sarika Dixit
160	cec25_hs108	Sociology of Gender	Dr. Jasleen Kewlani
161	cec25_hs90	Sociology of India - 1	Dr.B.Geetha
162	cec25_hs91	Sociology of Religion	Dr.C.Juston Selvaraj
163	cec25_cs08	Software Engineering	Dr. R. Bhaskaran
164	cec25_cy08	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry-2	Dr. A. A. Ajmeri Dr. Amar Ballabh
165	cec25_hs112	Statistical Methods for Psychological Research - II	Dr. Tirupathi Rao Padi
166	cec25_hs89	The Moral and Social Philosophy of Mahatma Gandhi	Dr. Namita Nimbalkar
167	cec25_ma25	Theory of Real Functions	Dr. Anjaly Kishore
168	cec25_ge07	Tourism and Travel Management	Mr N. Roopesh Kumar
169	cec25_ge08	Tourism Planning and Sustainable Development	Prashant Kumar Gautam
170	cec25_hs123	Understanding Heritage	Dr. Yogambar Singh Farswan
171	cec25_hs116	Understanding South Asia	Dr Khalid Wasim Hasan
172	cec25_hs148	United Nations and Global Conflict	Dr. Arambam Noni Meetei
173	cec25_hs113	Urban Local Governance	Dr. N. Ansuman Rabboni
174	cec25_hs136	Urban Sociology and Urban Development	Dr. Vinita Pandey
175	cec25_bt05	Virology	Dr. K. R. Maruthi
176	cec25_bt04	Wild Life and its Conservation	Dr S Basavarajappa
177	cec25_ed19	Yoga	Dr. Jagdish Singh
178	cec25_hs149	Youth, Gender and Identity	Dr. Naziya Hasan





# List of Courses for July - December 2025 Semester

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Tentative Start date	Tentative End date	Host University/ Institute	No of credits	Level UG/PG	NCrF Level
14.07.2025	31.10.2025	Cochin University of Science and Technology	5	UG	6
07.07.2025	31.10.2025	University of Kashmir	5	UG	5.5
14.07.2025	31.10.2025	UNIVERSITY OF CALICUT	4	UG	5.5
07.07.2025	31.10.2025	University of Kashmir	4	UG	4.5
07.07.2025	31.10.2025	Manipur University	5	UG	5.0
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	5	UG	6
14.07.2025	31.10.2025	The M. S. University of Baroda, Vadodara, Gujarat	4	UG	5.5
14.07.2025	31.10.2025	Central University of Punjab, Bathinda	5	UG	5
07.07.2025	31.10.2025	National Law University, Delhi	4	PG	8
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	4	PG	6.5
14.07.2025	31.10.2025	JNVU	4	UG	5
07.07.2025	31.10.2025	University of Mysore	5	UG	4.5
07.07.2025	31.10.2025	University of Mysore	4	UG	4.5
14.07.2025	31.10.2025	Osmania University	4	UG	4.5
07.07.2025	31.10.2025	University of Kashmir	5	UG	4
14.07.2025	31.10.2025	EFLU, Hyderabad	3	UG	5.5
14.07.2025	31.10.2025	Osmania University	4	UG	5.5
14.07.2025	31.10.2025	Osmania University	4	UG	5.5
10.07.2025	31.10.2025	Devi Ahilya Viswavidyalaya, Indore	5	UG	5.5
14.07.2025	31.10.2025	Rajiv Gandhi National Law University, Patiala	4	UG	5
10.07.2025	31.10.2025	M.K.University, Madurai	5	UG	5.5
10.07.2025	31.10.2025	M.K.University, Madurai	5	UG	5.5
14.07.2025	31.10.2025	Anna University	4	UG	5
14.07.2025	31.10.2025	The M. S. University of Baroda, Vadodara, Gujarat	4	UG	5
14.07.2025	31.10.2025	Pondicherry University	5	UG	5
14.07.2025	31.10.2025	Savitribai Phule Pune University, Pune	3	PG	6.5
14.07.2025	31.10.2025	University of Calicut	5	UG	6
07.07.2025	31.10.2025	University of Mysore	4	UG	4.5
07.07.2025	31.10.2025	Panjab University, Chandigarh	4	PG	6.5
14.07.2025	31.10.2025	H.N.B Garhwal University (A Central University) Srinagar, Garhwal	2	UG	5
07.07.2025	31.10.2025	University of Kashmir	5	UG	4.5
07.07.2025	31.10.2025	Manipur University	5	UG	5.0
14.07.2025	31.10.2025	University of Madras	5	UG	5
14.07.2025	10.10.2025	Osmania University	5	UG	5.5
07.07.2025	31.10.2025	University of Mysore	4	UG	5
07.07.2025	31.10.2025	University of Mysore	4	UG	5
14.07.2025	31.10.2025	Punjabi University, Patiala	2	UG	5.5
07.07.2025	31.10.2025	Manipur University	5	UG	5.0





# # EduTweets #



**UGC INDIA** @ugc\_india · Jun 14

A major step towards making Mumbai/Navi Mumbai India's first international education hub!

Union Education Minister Dharmendra Pradhan (@dpradhanbjp), along with Hon'ble Chief Minister Shri Devendra Fadnavis (@Dev\_Fadnavis), Deputy CM Shri Eknath Shinde (@mieknathshinde),

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**Ministry of Education** @EduMinOfIndia · Jun 16

Hon'ble Union Minister for Education, Shri @dpradhanbjp, today launched books and the new logo of the Indian Council of Philosophical Research today in New Delhi. He also presented awards to the winners of essay competitions organised by ICPR. Secretary, Department of Higher

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PMO India and 5 others

**UGC INDIA** @ugc\_india · Jun 6

One-Day Conference – VIKAS 2025: Venturing into Industry Knowledge, Apprenticeship & Skilling

Address by Prof. Deepak Kumar Srivastava, Vice Chairman, UGC  
Concluding Remarks and Appreciation by Dr. Avichal Kapur, Joint Secretary UGC

#VIKAS2025 #IndustryAcademia

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**UGC INDIA** @ugc\_india · Jun 9

MU में शुरू होंगे कौशल- एकीकृत UG पाठ्यक्रम

सौजन्य: @TheNavbharatliv

Mumbai plus Edition  
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**UGC INDIA** @ugc\_india · Jun 8

"NEP SAARTH Corner"

Swati Trehan, UGC-NEP SAARTH leading various initiatives at SGT University, Haryana.

Watch this space every Sunday to know more about what our Student Ambassadors are doing to spread awareness on NEP 2020!

#NEP2020 #NEP.SAARTH #StudentAmbassadors

SGT University, Haryana

Swati Trehan

Quiz Competition on NEP  
Awaken to Action with Swati Trehan,  
UGC-NEP SAARTH

CORNER

**UGC INDIA** @ugc\_india · Jun 23

FAQs on UGC Equivalence Portal

How can I apply for equivalence?

Applicants can submit their application online through the UGC Equivalence Portal by uploading the required documents and paying the prescribed fee.

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#UGC

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## CEC's Bouquet of 11 DTH Channels on **SWAYAM Prabha**

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Channel Scope – Language & Literature  
Channel No. – CEC-UGC - 01

Subjects: Hindi Literature, Hindi Language, English Language, English Literature, Sanskrit, Urdu, Foreign Language Courses: German, Japanese, Chinese, Spanish, French, Russian, Linguistics

### Channel Name – संस्कृति | Sanskriti

Channel Scope – History, Culture & Philosophy  
Channel No. – CEC-UGC - 02

Subjects: History, Philosophy, Performing Arts, Rabindra Sangeet, Hindustani Classical Music, Karnataki Sangeet, Fine Arts, Manuscriptology, Painting Applied Art Sculpture, Theatre Arts, Film Studies, Painting Applied Multimedia, Vocational Studies, Buddhist Studies, Comparative Studies of Religion, Jyotish Ganit, Visual Arts, Indian Culture

### Channel Name – प्रबोध | Prabodh

Channel Scope – Social & Behavioral Sciences  
Channel No. – CEC-UGC - 03

Subjects: Sociology, Anthropology, Social Work Administration, Social Work, Political Science, Public Administration, Psychology, Population Studies, Women Studies

### Channel Name – साारस्वत | Saaraswat

Channel Scope – Education and Home Science  
Channel No. – CEC-UGC - 04

Subjects: B.A. Education, B. Ed., B. Ed. English, Special Education for Visually Impaired, Elementary Education, Environmental Science, Home Science, Adult Education, Physical Education, Sports & Health Education

### Channel Name – प्रबंधन | Prabandhan

Channel Scope – Information, Communication and Management Studies  
Channel No. – CEC-UGC - 05

Subjects: Business Management, Human Resources Management, Management & Marketing of Insurance, Marketing Management & Retail Business, Bachelor of Business Studies, Office Administration & Secretarial Practice, Tourism, Hindi Journalism, Communication & Journalism, Multimedia Communication, Vocational Studies – Mass Communication, Video Production, Advertising, Library Information Science Management

### Channel Name – विधिक | Vidhik

Channel Scope – Law and Legal Studies  
Channel No. – CEC-UGC - 06

Subjects: LLB, Criminology, Forensic Science, Human Rights & Duties



**Channel Name - कौटिल्य | Kautilya**Channel Scope – Economics and Commerce  
Channel No. – CEC-UGC - 07

Subjects: Economics, Business Economics, Commerce, Financial Accounting

**Channel Name - आर्यभट्ट | Aryabhata**Channel Scope – Physical and Earth Sciences  
Channel No. – CEC-UGC - 08

Subjects: Mathematics, Statistics, Physics, Geography, Geology, Chemistry

**Channel Name - स्पंदन | Spandan**Channel Scope – Life Sciences  
Channel No. – CEC-UGC - 09

Subjects: Botany, Zoology, Life Sciences, Microbiology, Bio-Medical Sciences, Bio-Chemistry, Bio-Informatics

**Channel Name - दक्ष | Daksh**Channel Scope – Applied Sciences  
Channel No. – CEC-UGC - 10

Subjects: Applied Life Science - Sericulture, Applied Physical Sciences - Electronics, Industrial Chemistry, Computer Science, Computer and Networking, Cyber Security/Information Security, Environmental Science, Analytical Chemistry/Instrumentation, Pharmacy, Agriculture, Architecture, Biophysics, Food &amp; Nutrition, Food Technology, Polymer Science

**Channel Name - व्यास | Vyasa**  
Channel No. – CEC-UGC - 40**Art/Culture/Literature/Language****Band - I**

English Language, Linguistics, Hindi &amp; other Languages, English Literature, Literature of other Languages, Culture, Architecture, Plastic Arts &amp; Sculpture, Drawing &amp; Decorating Arts, Painting &amp; Fine Arts, Music, Recreational &amp; Performing Arts, Public Performance, Film Appreciation, Dance &amp; Drama, Religion, Customs, Folklore

**Social Science****Band - II**

History, Geography, Biography, Genealogy, Insignia (Awards), Archaeology, Museology, Manuscripts &amp; Rare Books, Philosophy, Psychology, Religion, Social Sciences/ Sociology, Anthropology, Political Science, Economics, Public Administration

**Management and Other Professional Courses****Band - III**

Management, Marketing, Commerce, Communications, Telecommunication, Tourism, Advertising &amp; Public Relations, New Media Journalism, Publishing, Photography &amp; Photographs, Graphic Arts, Printmaking &amp; Prints, Library &amp; Information Science, Education, Sports/Physical Education, Women Education, Law, Environment Studies/Management, Home Economics &amp; Family Living

**Natural and Applied Science****Band - IV**

Forensic Science &amp; Criminology, Mathematics, Astronomy &amp; Allied Sciences, Physics, Chemistry, Earth Science, Geology, Hydrology, Meteorology, Paleontology/Fossils, Life Science, Biology/Ecology, Genetics/Biotechnology, Microbiology, Botany, Zoology, Medical Science, Health &amp; Nutrition, Diseases, Engineering, Electrical/Mechanical Engineering, Mining &amp; Related Operations, Military &amp; Nautical Engineering, Civil Engineering, Manufacturing Technology, Agriculture, Horticulture, Animal Husbandry/Veterinary Sciences, Sericulture, Aquaculture, Chemical Engineering/Biotechnology, Manufacturing for Specific Uses, Computer Sciences

# #Birthdays@July2025



A Cancer is caring, shy, creative, smart, loving, kinda lazy, forgetful, but very devoted and loyal.



1



Sunny  
Multi-Tasking Staff

4



Piyush Roy  
Project Associate

5



Bijendra Singh  
Multi-Tasking Staff

5



Asha Rani  
Technical Assistant

10



Shiv Kumar  
Driver

11



Kr. Satyam Sundram  
Technical Assistant

12



Ashok Kumar  
Camera Assistant

15



Sandeep kumar Mishra  
Technician (Electrical)

21



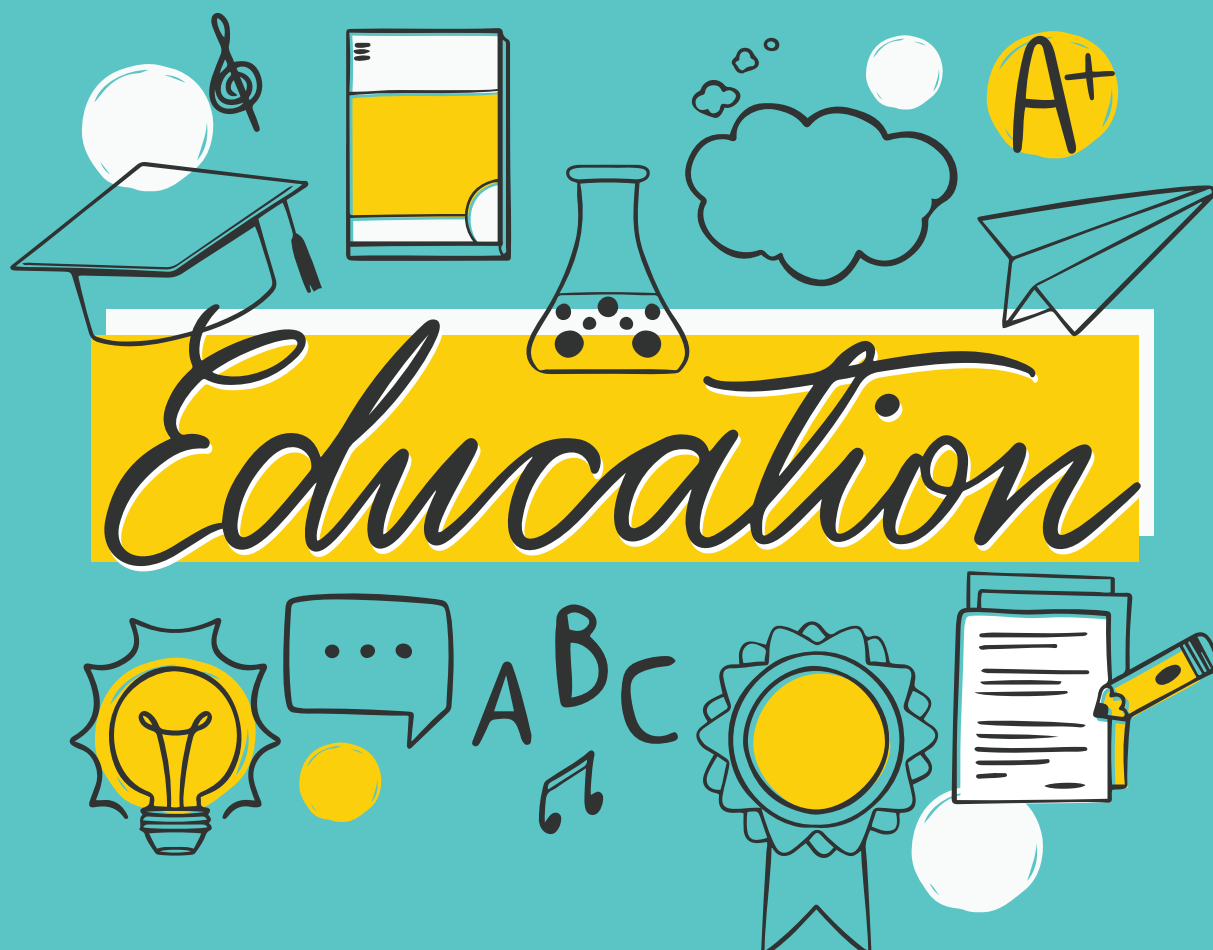
Amit  
Data Entry Operator

CEC wishes you all a very

Happy  
Birthday



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