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CEC News

शैक्षिक संचार संकाय
Consortium for Educational Communication
(इलेक्ट्रॉनिक मीडिया पर विश्वविद्यालय अनुदान आयोग का एक अंतर-विश्वविद्यालय केन्द्र)
(An Inter-University Centre of University Grants Commission on Electronic Media)

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प्रिय पाठकों,

दूरस्थ शिक्षार्थियों तक डिजिटल रूप से गुणवत्तापूर्ण शैक्षणिक पाठ्यक्रम प्रदत्त करने में सीईसी निरंतर महत्वपूर्ण भूमिका निभाता रहा है। वर्तमान में हमारे पास वृहद् जानकारियां संग्रहित रूप में है। यह जानकारियां सुसंगतिकरण के अभाव के कारण इससे सीखने की प्रक्रिया कम प्रभावी हो जाती है। सीईसी समस्त सूचनाओं के एकत्रण द्वारा और इसे डिजिटल प्रारूप में प्रस्तुतिकरण कर विषय-विशिष्ट डिजिटल शैक्षणिक सामग्री और विशेषज्ञों के व्याख्यान प्रदत्त कर रहा है। हमारा प्राथमिक उद्देश्य उच्च शिक्षा प्राप्त करने के लिए संसाधनों की कमी वाले लक्ष्य समूह तक शिक्षा की पहुंच आसानी से सुनिश्चित करना रहा है।

सीईसी सबसे बड़े डिजिटल शैक्षणिक सामग्री संग्रहण में एशिया में अग्रणी एक है। इसमें शैक्षणिक सामग्री की एक विस्तृत श्रृंखला का उत्पादन और विस्तार तीव्रता से प्रसार कर रही है। हम संबद्ध शैक्षिक मल्टीमीडिया अनुसंधान केंद्रों (ईएमआरसी) के साथ मिलकर सतत कार्यरत और विभिन्न रूपों में शैक्षणिक सामग्री निर्माण में संलग्नरत हैं। जिस तक स्वयं मूक्स, स्वयं प्रभा डीटीएच चैनल, सीईसी-यूजीसी यू-ट्यूब चैनल आदि जैसे प्लेटफार्म के माध्यम से पहुंचा जा सकता है। हमारी सामग्री चार- कला/भाषा और साहित्य, सामाजिक विज्ञान, प्राकृतिक और अनुप्रयुक्त विज्ञान, और प्रबंधन, साथ ही अन्य व्यावसायिक विषय पाठ्यक्रम वर्गीकरण पर आधारित हैं। हमने सर्वदा सामाजिक-आर्थिक और भौगोलिक बाधा जनित सीमाओं को समावेशी बनाने की शिक्षा की सर्वव्यापी सबलता पर विश्वास व्यक्त किया है।

हम सभी शिक्षार्थियों को मूक्स पाठ्यक्रमों में नामांकन तथा कहीं भी और कभी भी सीखने की अनुभूति प्रदान करने हेतु मुक्त शैक्षणिक संसाधनों का उपयोग करने के लिए प्रोत्साहित करते रहे हैं।

जय हिन्द!

जगत भूषण नड्डा

निदेशक - सी.ई.सी.

Dear Readers,

CEC has constantly played a vital role in providing digitally enriched educational courseware to the remotest learners. Today, we have access to a plethora of information. Yet this information is so scattered that it renders the learning process ineffectual. Here, CEC provides subject-specific digital educational content and experts' lectures by converging all information and offering it in digital format. Our primary focus is to ensure easy access to education, especially for those who lack the resources to obtain higher education.

CEC is one of the largest Digital Educational Content repositories in Asia. It has a wide range of educational content, the production and dissemination of which has risen exponentially. We work endlessly in tandem with our Educational Media Research Centres (EMRCs) and produce educational content in various forms that can be accessed through platforms like SWAYAM MOOCs, SWAYAM Prabha DTH channels, CEC UGC YouTube channel, etc. Our courses cover four knowledge streams, including Art/Language and Literature, Social Science, Natural and Applied Science, and Management, as well as other professional courses. We have always believed in the pervading power of education to overthrow socio-economic and geographic barriers.

We encourage all learners to enrol in MOOCs and to utilise our open educational resources to enjoy learning anywhere and anytime!

Jai Hind!

JagatBhushanNadda

Director, CEC

FILMMAKING AND ACADEMICS: THE EMERGING INTERFACE AT EMRCS

Daljit Ami
Director
Educational Multimedia Research Centre (EMRC), Patiala, Punjab

In an era marked by the convergence of media, technology, and education, the role of filmmaking in academics is undergoing a remarkable transformation. The increasing role of film/cinema studies across academic disciplines is one thing, but the role of the same technology in filmmaking and digital content generation for educational purposes is altogether a different issue. It is in this field that filmmaking and academics collaborate to form a fertile interaction between seemingly different fields of cinema and academics. This shift is particularly visible in the work of India's Educational Multimedia Research Centres (EMRCs), which have long served as the backbone of digital content production for higher education under the Consortium for Educational Communication (CEC), a UGC initiative.

EMRCs were conceptualised as hubs where education meets media innovation. Originally tasked with producing educational television and multimedia content, they have adapted to new demands with the rise of online education platforms like SWAYAM, MOOCs, and digital classrooms. The content created in these centres bridges the gap between the conventional classrooms and the evolving media habits of learners. With technological innovations, the output of EMRCs has evolved from the feed to Countrywide Classroom—the **University Grants Commission (UGC)** and **Doordarshan (DD)**, launched in the 1980s—to a modern portal and DTH-based distribution.

Unlike commercial media, EMRCs operate with a distinct academic orientation. Their mandate is not entertainment, but education. Yet, their tools and workflows draw heavily from the grammar of cinema—visual language, editing, and sound design. In this way, EMRCs serve as laboratories for exploring how filmic techniques can enhance comprehension, engagement, and retention of complex academic material.

EMRC Patiala has launched a Media Lab to create a dynamic collaborative space to integrate evolving modern technology with digital content creation for educational purposes. In this lab student interns will be involved in the production and post-production of the content created in EMRC Patiala. This initiative democratises the content creation process in an

academic space and encourages students to become part of the production process, where they can explore career options as digital content creators for educational purposes.

Moreover, students involved in such a project will gain skills that are increasingly valuable in the job market. In today's academic and professional landscapes, the ability to produce, edit, and distribute content is as critical as traditional academic literacy. The Media Lab, therefore, is not only an educational facility but also a career incubator.

The lab will provide hands-on experience in content creation and cultivate a deeper understanding of how media can shape the learning process. Students gain exposure to production techniques and learn to critically assess how visual storytelling can convey abstract ideas, scientific concepts, and theoretical frameworks. In doing so, the Media Lab becomes a training ground for the next generation of academic communicators. In the process, EMRC expects to improve the quality and visual presentation of content.

The academic-filmmaking interface challenges the rigid binaries between scholarship and storytelling. At EMRCs, scholars and filmmakers/content creators collaborate to translate disciplinary knowledge into visual narratives. A lecture on Punjab history, for instance, might be transformed into a visual story which will mobilise interviews, animation, archival footage, representative images and location footage. A philosophy module could incorporate re-enactments or dramatised dialogues to explain complex ideas. In this process, the intent remains that knowledge is not to be diluted, but re-contextualised in formats that appeal to visual learners and digital natives.

Filmmaking in academic contexts also fosters an interdisciplinary approach, which is central to the contemporary enterprise of higher education. Modern content creation space can be envisioned as a shared space of Historians, scientists, linguists, and artists working alongside cinematographers, editors, and sound designers. This collaborative ethos aligns with the spirit of liberal education, where knowledge is not compartmentalised but shared and synthesised across domains.

Despite the promise, this interface is not without challenges. Academic content must maintain intellectual rigour, even as it adapts to the aesthetics of visual media. However, the opportunities outweigh the hurdles. For example, in the last couple of years, EMRC Patiala has emerged as a centre of innovation where knowledge, technology, and creativity meet. Subject Matter Experts (SMEs) from across India have contributed to the production of MOOCs and DTH: VIDHIK. The newly developed Media Lab will now bridge the gap between SMEs and professionals involved in post-production, which was primarily outsourced earlier.

The interface between filmmaking and academics is no longer a novelty—it is a necessity in the digital age. With initiatives like the Media Lab at EMRC Patiala, this interface is being institutionalised, offering new modes of knowledge production and dissemination.

Most of the discussions about the future of education assume that the future of education will be visual, interactive, and collaborative. And in this future, the EMRCs will continue to play a vital role, not just as production houses, but as academic media ecosystems that nurture innovation, inclusivity, and excellence.

Disclaimer: Views expressed in the article are personal.

FROM SILENCE TO SIGN, FROM TEXT TO TOUCH: MAKING SWAYAM INCLUSIVE THROUGH ASSISTIVE TECHNOLOGY

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In the rapidly growing domain of digital education, ensuring inclusion remains a critical challenge, particularly for learners with sensory access needs, such as those affected by hearing or vision impairments. MOOCs (Massive Open Online Courses) have revolutionised access to knowledge for millions in India, yet their design and delivery lack when it comes to the needs of learners with hearing or visual impairments. SWAYAM, India's premier MOOC initiative designed to promote equitable learning, can now embrace a more inclusive vision to truly serve all learners.

Incorporating accessibility measures into SWAYAM's ecosystem is an urgent imperative to create a more equitable digital learning environment. The central focus here is to discuss the practical pathways for the integration of the tools and technologies such as the Bhashini Project, linguistic computing tools, and Braille-supportive software like Akhar into the SWAYAM ecosystem. It advocates for the use of technologies such as Indian Sign Language (ISL) overlays, text-to-speech (TTS) and speech-to-text (STT) applications, Braille-compatible content, and AI-based transcription engines—all of which can significantly enhance the accessibility of online courses.

Understanding the Digital Divide in MOOCs

The growth of digital education in India, driven by platforms like SWAYAM, has opened new learning opportunities for the learners across the country. However, a significant segment of learners with disabilities—particularly those who are blind, visually impaired, or deaf— remain marginalised due to structural and technological barriers. This digital divide is less about devices or internet connectivity but more about the absence of accessible content formats, interface design challenges, and a lack of assistive features.

For visually impaired learners, the greatest challenge begins with incompatibility with screen readers, missing alternative text for visuals, and content designs that rely heavily on visual elements. Many courses include infographics like graphs, flowcharts etc., animations, and interactive videos without accompanying the descriptions or tactile alternatives, making them inaccessible

without significant adaptation. Navigation of learning management system (LMS) also poses difficulties due to the absence of structured layouts, keyboard shortcuts, clear headings, and text-based alternatives.

On the other hand, auditory-impaired learners encounter different challenges, especially when video lectures lack ISL interpretation or even basic closed captions. Spoken language, especially in Indian English with regional variations or accent, poses difficulties for lip reading or comprehension without transcription support. These structural limitations force learners to rely on external assistance, undermining the self-paced and independent learning promise that MOOCs aim to deliver.

The exclusion of learners with disabilities is often embedded in the course development process itself. Accessibility audits are rarely conducted, and persons with disabilities are seldom consulted in content creation. While international platforms like Coursera and edX are gradually adopting universal design principles, Indian MOOCs platforms—including SWAYAM—must advance rapidly.

Accessibility is not just a matter of compliance but a commitment to educational justice. The mandate under the Rights of Persons with Disabilities Act, 2016 and international conventions like the UNCRPD (United Nations Convention on the Rights of Persons with Disabilities) make it imperative for educational platforms to cater to the diverse needs of all learners.

Furthermore, India's National Education Policy (NEP) 2020 strongly advocates for inclusive education, emphasising the development of barrier-free access to digital content for all learners. Section 6.8 of NEP 2020 outlines the need for barrier-free access, calling for digital content to be made accessible through assistive technologies, especially for children with disabilities.

In this context, SWAYAM has a critical opportunity to emerge as a leader in inclusive digital education. Leveraging national projects and indigenous technological innovations, it can transform the learning experience for students with sensory disabilities. But to do so, it must first acknowledge the current gaps and prioritise accessibility from the foundation - ensuring that no learner is left behind.

Enabling Ecosystem towards Inclusive Learning

Over the past decade, India has demonstrated its commitment for inclusive education through both policy and practice. Although SWAYAM marks a landmark achievement in democratising access to learning, it now needs to pivot toward systemic inclusivity. Several forward-looking projects and researchers have been working on this front, paving the way for integration into mainstream MOOCs.

National and Governmental Initiatives:

- **The Bhashini Project (https://bhashini.gov.in):** Launched by Ministry of Electronics and Information Technology (MeitY), the Bhashini initiative develops AI-based tools for Indian language processing. Its speech-to-text and text-to-speech capabilities can be harnessed to generate captions, read-aloud features, and translations on SWAYAM. Its open-source nature enables institutions to tailor applications for specific disciplines and regional contexts. The Bhashini app, available on iOS and Android platforms, launched under the National Language Translation Mission, leverages AI to provide real-time speech-to-text and text-to-speech services in multiple Indian languages, promoting linguistic inclusion. It plays a pivotal role in enhancing accessibility for learners with sensory disabilities by enabling multilingual captions, transcripts, and audio interfaces across digital platforms like SWAYAM.

- **Indian Sign Language Research and Training Centre (ISLRTC):** Established under the Ministry of Social Justice and Empowerment, the Indian Sign Language Research and Training Centre (ISLRTC) has developed more than 10,000 educational terms in Indian Sign Language (ISL), and translations of NCERT textbooks for students from Class I to XII. Many of these resources are now publicly hosted on DIKSHA and YouTube. The ISLRTC-trained interpreters could be contracted for on-screen ISL overlays in SWAYAM video lectures, starting with foundational and humanities-based courses.

- **Sugamya Pustakalaya (https://www.sugamya-pustakalaya.org.in):** Launched by the Department of Empowerment of Persons with Disabilities (DEPwD), this digital library offers massive repositories of accessible digital content, available in audio, Braille, and large print. SWAYAM course developers can link course readings and supplementary materials to DAISY formats available in Sugamya Pustakalaya.

- **National Institute for the Empowerment of Persons with Visual Disabilities (NIEPVD) (https://niepvd.nic.in):** Established under Ministry of Social Justice and Empowerment, Govt. of India and functioning under Department of Empowerment of Persons with Disabilities (DEPwD), NIEPVD has developed digital talking books, screen-reader-compatible tutorials and training modules for teachers to create accessible educational content. NIEPVD, with its training programmes and digital content development, can support capacity building among SWAYAM instructors and coordinators.

Academic and Research Innovations

- **Indigenous Innovations in NLP and Tactile Learning for Inclusive Education:** Dr. Vishal Goyal and Dr. Williamjeet Singh of Punjabi University, Patiala, have led pioneering efforts to promote digital accessibility for learners with sensory impairments. Dr. Goyal has developed key tools such as text-to-speech engines, intelligent spell-checkers, and predictive text systems to enhance the learning experience for students with visual impairments. His team has also created a machine translation framework capable of converting English text into animated Indian Sign Language (ISL) videos, thereby making educational content more accessible to deaf learners. In parallel, Dr. Williamjeet Singh has focused on developing tactile and auditory learning solutions, including affordable Braille printing technologies and mobile-based navigation tools designed for learners with vision loss. His innovations are particularly impactful in providing offline access to digital learning in underserved and remote regions. Together, their work forms a comprehensive, locally developed technological foundation that can be effectively integrated into platforms like SWAYAM to support truly inclusive education.

- **Akhar 2021 Braille-compatible Word processor (https://akhariwp.com):** This freeware word processor, developed by Prof Gurpreet Singh Lehal, enables users to type, transliterate, and translate text across scripts such as Devanagari, Gurmukhi, and Shahmukhi. It also facilitates the conversion of Unicode-based digital text into Braille. The software can serve a valuable resource in bridging the gap between digital content creation and tactile output—making it an ideal tool for converting SWAYAM textual material into Braille for visually impaired learners. This can be particularly helpful for exam preparation materials, textbook excerpts, assignment sheets, and even course summaries.

- **Bookshare India (https://www.bookshare.org):** An online library for people with reading barriers, has partnered with over 600 Indian institutions to offer accessible digital books in DAISY, EPUB3, MP3, and Braille-ready formats. Many university textbooks and vocational training materials are already available. SWAYAM can align its reading material (especially for UG humanities, commerce, and arts courses) with Bookshare's content formats. More importantly, Bookshare's EPUB3 format supports embedded image descriptions and text navigation.

A Roadmap to Assistive Integration in SWAYAM

To build a truly inclusive learning environment, SWAYAM must adopt a multi-pronged integration strategy focusing on content, platform, and learner engagement.

- **Enhancing Content Accessibility:** MOOC content on SWAYAM—primarily consisting of video lectures, PDF transcripts, quizzes, and discussion forums—needs to be restructured to ensure accessibility by design.
    - Add ISL overlays and auto-generated real-time transcripts (via Bhashini) to all video lectures.
    - Ensure image-based content includes audio descriptions or alternative text.
    - Convert all text materials into Braille-ready formats using Akhar and similar tools.
- **Strengthening Platform Architecture:** SWAYAM's architecture, developed largely on open-source tools, can be enhanced through modular plug-ins and third-party tool integrations.
    - Embed APIs from Bhashini for Text to Speech (TTS)/ (Speech to Text) STT functionalities and multilingual translation. Speech-to-Text (STT) for lecture transcription, Text-to-Speech (TTS) for course navigation and reading out textual content and Multilingual translation to convert content from Hindi/English text into regional languages, thereby promoting inclusivity for linguistic minorities. Learners would be able to toggle accessibility features like "Read Aloud," "Auto Translate," or "Sign Language View" as needed.
    - Design a multimodal interface with voice-enabled navigation, voice-enabled search and keyboard-only access for visually impaired users.
    - Courses should offer offline downloadable modules with TTS narration and Braille-compatible text, allowing institutions to run offline learning hubs for disabled students, especially in rural India.
- **Learner-Centric Support Systems**

  Inclusivity extends beyond content and platform—it requires ongoing learner engagement and support systems.
    - Establish a dedicated accessibility helpdesk with support in ISL and regional languages.
    - Encourage community learning hubs using tactile and auditory tools.
    - Develop a standard accessibility checklist for all content creators on SWAYAM.

SWAYAM has played a pivotal role in expanding access to quality education across India. However, true educational equity cannot be achieved unless the platform proactively supports learners with sensory and cognitive disabilities. With a wide array of assistive technologies now available—and supported by national policies and indigenous innovations—the time is ripe to transform SWAYAM into a fully accessible learning ecosystem.

Several government-led initiatives and research-based tools—such as Sugamya Pustakalaya, Bhashini, Akhar 2021, and ISL content developed by ISLRTC—demonstrate the immense potential for inclusive digital learning. These resources, if systematically integrated, can bridge the existing accessibility gaps and empower learners with hearing and visual impairments to engage meaningfully with online content.

Institutions like IGNOU, NCERT, and IIT Delhi have already begun laying the foundation for accessible education. Their pioneering efforts, combined with policy frameworks like the Rights of Persons with Disabilities Act and NEP 2020, offer a strong scaffolding for inclusive transformation. What is now needed is a clear institutional intent, cross-sectoral collaboration, and a commitment to universal design in content development.

By embracing inclusivity not as an afterthought but as a foundational principle, SWAYAM can evolve from being a digital repository to becoming a model of accessible education.

As India scales its digital education efforts, platforms like SWAYAM must move beyond content delivery to embody the principles of accessibility and inclusion—ensuring that every learner, regardless of ability, finds a place in the digital classroom. ★

Disclaimer: Views expressed in the article are personal.

सीईसी: 32वीं वित्त समिति की बैठक आयोजित

शैक्षिक संचार संकाय (सीईसी) के वित्त समिति की 32वीं बैठक 28 मई, 2025 को सीईसी परिसर में आयोजित की गई।

प्रो. जे. बी. नड्डा, निदेशक, सीईसी ने डॉ. निखिल कुमार, उप-सचिव, यूजीसी, प्रो. वसुधा कामत, अध्यक्षा, शासी निकाय, वित्त समिति, श्री सँजय श्रीवास्तवा, सदस्य-सचिव (मुख्य प्रशासनिक अधिकारी, सीईसी) के साथ समिति के अन्य सदस्यों श्री सुदीप सिंह जैन और प्रो. मनुकोंडा रबीन्द्रनाथ का स्वागत किया। यूजीसी सचिव के प्रतिनिधि के रूप में वित्तीय सलाहकार, यूजीसी भी इस बैठक में उपस्थित रहे।

प्रो. जे. बी. नड्डा, निदेशक, सीईसी ने संकाय की विभिन्न गतिविधियों और नवीन पहल के बारे में संक्षिप्त जानकारी प्रस्तुत की। उन्होंने समिति को मूक्स पाठ्यक्रम के विकास के विभिन्न पहलुओं- जैसे प्रदत्त, परीक्षा, प्रमाणन और शिक्षार्थी सहायता डेस्क के संचालन के संबंध में विस्तृत जानकारी दी। निदेशक ने इस बारे में भी जानकारी साझा की कैसे सीईसी और इससे संबद्ध 21 मीडिया केंद्र (ईएमआरसी) अन्य भारतीय भाषाओं में मूक्स विकास के साथ ही तीन वर्ष पहले निर्मित मूक्स पाठ्यक्रमों के उन्नयन और संवर्द्धन भी कर रहे हैं। सीईसी इसके साथ ही यूजीसी के च्वाइस बेस्ड क्रेडिट सिस्टम (सीबीसीएस) के आधार पर स्नातक डिग्री छात्रों के लिए विविध विषयों में तीन वर्षीय डिग्री पाठ्यक्रम आधारित नवीन मूक्स निर्माण करने में भी संलग्नरत है। बैठक में स्वयंप्रभा प्लेटफॉर्म पर सीईसी से संचालित-संबद्ध उच्च शिक्षण चैनल के दर्शकों की संख्या पर भी चर्चा की गई।

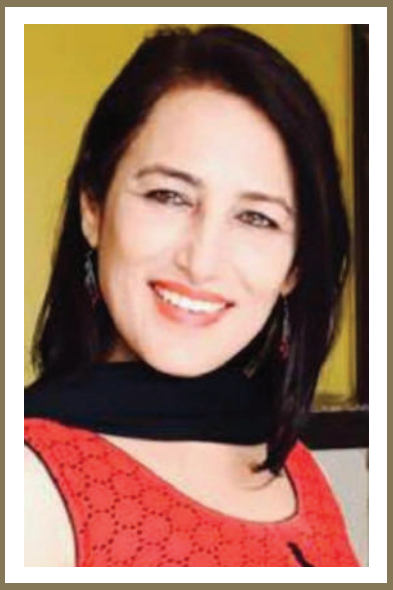
32nd Finance Committee Meeting organized @ CEC

The 32nd Finance meeting of CEC was held on the 28th of May 2025, on CEC premises.

Prof. J.B. Nadda, Director, CEC, welcomed Dr. Nikhil Kumar, Deputy Secretary, UGC, Prof. Vasudha Kamat, Chairperson (Governing Body) and Shri Sanjay Srivastava, Member Secretary, (chief Administrative Officer, CEC) along with other members of the finance committee: Shri Sudeep Singh Jain and Prof. Manukonda Rabindranath. The Financial Adviser was also present during the governing body meeting on behalf of the Secretary, UGC.

Prof. J.B. Nadda, Director, CEC, gave a brief presentation about the various activities and initiatives of CEC. He apprised the Committee in detail about the various aspects of the development of MOOCs, such as the delivery, examinations, certification, and maintenance of the student help desk. He also highlighted how CEC and its 21 media centres are developing MOOCs in other Indian languages, along with the upgradation and revision of 3-year-old MOOCs. CEC is also designing new MOOCs based on the 3-year degree programs for students of Bachelor's degrees in various subjects based on UGC's Choice-Based Credit System. SWAYAM Prabha's viewership of CEC's higher education channels was also discussed during the meeting.

Prof. J.B. Nadda, Director, CEC and other officials of the finance committee attend the meeting.
वित्त समिति की बैठक में प्रो. जे. बी. नड्डा, निदेशक, सीईसी के साथ सम्मिलित अन्य पदाधिकारी।



Subject Expert

Prof. Amarjeet Kaur

Affiliation

Professor & Dean, Faculty of Commerce & Management, Gurugram University

Introduction to Capital Budgeting

Scan for lecture

About the Expert

Dr. Amarjeet Kaur is an accomplished academician with nearly three decades of experience in education and the food industry. She is currently working as a professor of Accounting, Dean, Faculty of Commerce & Management, Dean-Students' Welfare and Director, Gender Studies Centre of Excellence at Gurugram University, Gurugram, India. She is a Certified Management Accountant (CMA) from the Institute of Management Accountants (IMA), USA. She has a dual master's degree: an MBA from the University of the West of Scotland (UWS), UK and an M. Com from MD University, India. She has travelled extensively and has taught at two prestigious Universities in the USA, viz., the College of Business (AACSB Accredited) at Valparaiso University, Indiana and North Dakota State University, North Dakota. She is a visiting professor at IIM, Sambalpur, Odisha, India. She has 12 books (authored or edited) and 64 research papers to her credit; about half of these papers are published in Emerald, Sage, Inderscience and ABDC-listed journals. She has been conferred with many awards in recognition of her contribution to academia.

Excerpt from the Lecture

Capital Budgeting is a widely accepted technique to evaluate decisions pertaining to fixed assets which involve current outlay or a series of outlays, but are likely to produce benefits over a period of time longer than one year in future. This includes addition, disposition, modification and replacement of fixed assets. This process includes four distinct but interrelated steps used to evaluate and select long-term proposals: Proposal Generation, Evaluation, Selection and Follow-Up. This lecture talks about the importance and limitations of the capital budgeting technique while focusing upon the three decision situations: Accept-Reject Decisions, Mutually Exclusive Decisions and Rationing Decisions. Further, this lecture emphasizes the importance of understanding why Cash Flows and not Accounting Profits are used in the capital budgeting technique. Lastly, the adjustments pertaining to working capital, taxes, depreciation and effect on other projects/products are discussed with the help of examples from the industry.

Learning Objectives

- To develop an understanding of the technique of capital budgeting.
- To be able to relate the technique of capital budgeting to the Investment Decisions of a business.
- To learn about the various decision situations in capital budgeting.
- To learn about the calculation of data required for capital budgeting decisions.

Citation of the 16th Prakriti International Documentary Film Festival

Arjun Bhagat

Scan for documentary

SCREENING

SWACH PUNE

English | 2023 | 00:06:00

CATEGORY
SWACHH BHARAT

SYNOPSIS - Swachh Organisation of Pune is helping the city of Pune and its residents to keep the surrounding clean and in this effort they become the key work force to handle the city waste problem

Profile

Arjun Bhagat started his career with India Today's Television programme Newstrack. Later, Arjun became the Anchor and Producer on Star News. Arjun started his own company in 1998, but continued to work closely with major channels. Including anchoring for Headlines Today between 2007 and 2010 and then again from 2013 to 2017. Arjun has appeared on a number of channels as a guest commentator including NDTV and CNN. Arjun is also a Pro bono Director and currently president CHINTAN, one of India's leading NGOs for Waste Management, In-depth scientific research on issues with this field.

In the last two years Arjun has started working in the space of cultural and natural heritage and a number of documentaries and film productions are under way.

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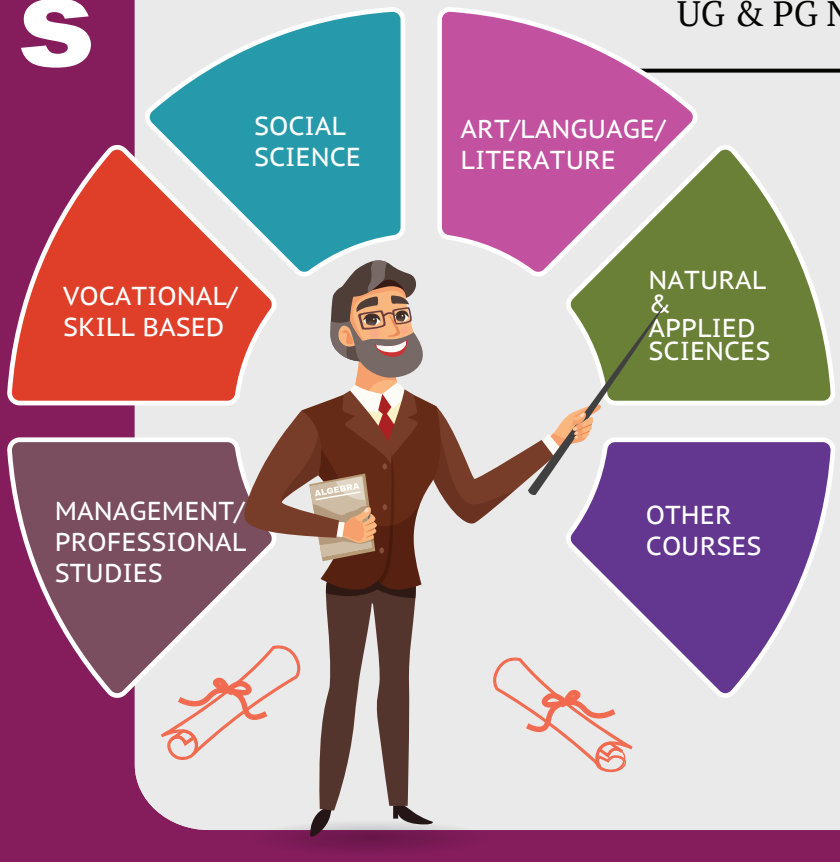

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CEC MOOCs on SWAYAM

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 Brahmbhatt
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 I 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. Bireshwar 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

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	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	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
10707.2025	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	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	4	UG	5.5
14.07.2025	31.10.2025	Jamia Millia Islamia	2	UG	5.5

CEC MOOCs on SWAYAM

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

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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 Uuniversity, 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	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	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	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 Sustainalble 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

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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	EFL University, 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	Madurai Kamaraj University	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	EFL University	5	UG	4.5
14.07.2025	31.10.2025	EFL University	4	UG	4.5
14.07.2025	31.10.2025	EFL University	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

CEC MOOCs on SWAYAM

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.0 A. Hameed
144	cec25_hs117	Psychology of Individual Differences	Dr Manzoor Ahmad Rather
145	cec25_hs144	Public Economics	Dr. Shreeda 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 Enginering	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

CEC Helpdesk SWAYAM and SWAYAM Prabha [Direct Tel. No.]

011-24126425

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	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	5	UG	5.5
10.07.2025	31.10.2025	M.K.University	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

Jayant Singh @jayantrld · Apr 29

Honoured to attend युग्म with Hon'ble Prime Minister Shri @narendramodi ji, Shri Dharmendra Pradhan ji, Shri Jitendra Singh ji and Dr Sukanta Majumdar ji today.

PM @narendramodi ji launched super hubs of AI, Intelligent Systems, Biosciences, Biotechnology, Health & Medicine at

Show more

UGC INDIA @ugc_india · May 12

🎯 How are credits defined and transferred under the UG & PG Degree Regulations?

📌 Credit Definition:
➡️ Credit refers to the number of instruction hours per week in a semester, as defined in the National Credit Framework (NCrF).

🔁 Credit Transfer Mechanism:
➡️ Credit

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Ministry of Education @EduMinOfIndia · May 10

India has recorded a significant advancement in the Human Development Index (HDI) 2025 rankings released by @UNDP_India, improving by 4 positions from 134 to 130. This significant 8.21% improvement in HDI score, from 0.633 (2022) to 0.685 (2025), reflects the unwavering

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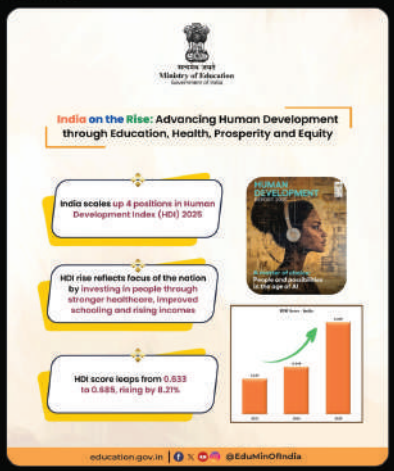

Dharmendra Pradhan @dpradhanbjp · May 19

Professor Hugh Brady, President, @imperialcollege, together with his academic delegation met me today morning.

It was a pleasure to learn more about Imperial's culture of research & innovation, collaborations with India and the world, future plans, among others.

I discussed

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UGC INDIA @ugc_india · May 17

⚠️ Can UGC withdraw an Equivalence Certificate?

✔️ Yes, UGC can withdraw the certificate if it's found that the applicant submitted false information or used fraudulent means to obtain it.

🔍📖 Read the regulation: ugc.gov.in/pdfnews/866863...

#ForeignQualification #UGCEquivalence

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UGC INDIA @ugc_india · May 16

UGC invites Expression of Interest from eligible faculty members of Higher Educational Institutions for the development of Massive Open Online Courses (MOOCs) across various disciplines to be offered on the SWAYAM platform.

📄 Check the courses: ugc.gov.in/pdfnews/498024...

🔗

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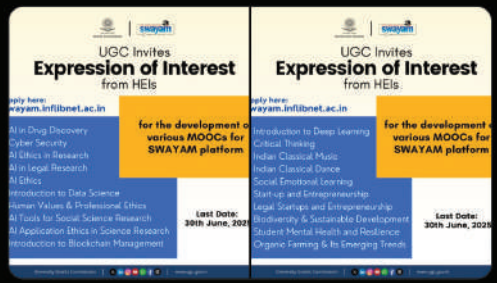

EduTweets

Ministry of Education @EduMinOfIndia · May 26

Hon'ble Union Minister for Education, Shri @dpradhanbjp, presided over the Letter of Intent (LoI) handover ceremony to the University of Liverpool today in New Delhi. This will be the second foreign university to be issued LoI under the UGC (Setting Up and Operation of Campuses

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UGC INDIA @ugc_india · May 20

🔍 Empowering Through Information

Higher Education Institutions must ensure that students and stakeholders have easy access to key information, such as admissions, fee structures, refund policies, research initiatives, and collaborations, which should be transparently published

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UGC INDIA @ugc_india · Jun 1

"NEP SAARTHI Corner"

Rakesh, Shivam, Ishita, Mayank, Pinki, Bhawna & Sanyam, UGC-NEP SAARTHIs leading various initiatives at Eklavya University, Madhya Pradesh.

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

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UGC INDIA @ugc_india · May 28

Apprenticeship Opportunities: The INFLIBNET Centre (@INFLIBNET) invites applications from suitable candidates for apprenticeship training in various trades.

For more details, visit: inflibnet.ac.in/apprentice/

UGC INDIA @ugc_india · May 23

📢 Stay Connected, Stay Informed!

Institutions are encouraged to share clear details about their Alumni Association, Contact Information, and Campus Gallery under Public Self-Disclosure.

✅ Build trust
✅ Strengthen alumni networks
✅ Make access easier for all!

📲 Read the

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Ministry of Education @EduMinOfIndia · May 28

Honouring Excellence in Higher Education!

The Ministry of Education, Department of Higher Education, Government of India invites nominations for the National Award to Teachers for Higher Educational Institutions and Polytechnics - 2025. The award recognizes and honours

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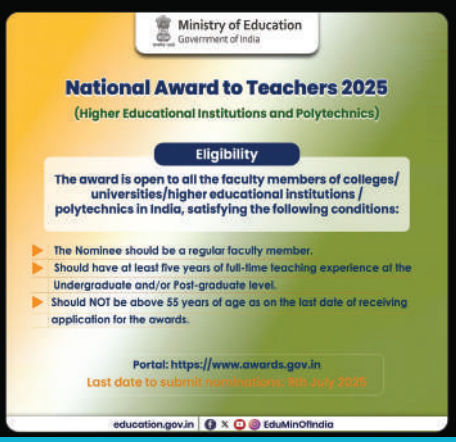

The Consortium for Educational Communication invites you!

CONTRIBUTE ARTICLES TO OUR MONTHLY NEWSLETTER!

Following are the basic guidelines for article submissions:

Word Limit: **900-1200 words**

Topic: **Digital Education and related areas**

- 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 / research.cec10@gmail.com
- Attach a scanned passport-size photograph with a brief profile while sending the article (refer to the detailed guidelines)

Scan here for the detailed guidelines and attached form

Please note: Contributions to the newsletter are voluntary and non-monetary.

Refer to digital copies of the published newsletters at https://cec.nic.in/cec/newsletter

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

CEC is the National Coordinator for Non-Technology UG and PG Programmes for 11 SWAYAM Prabha – MoE DTH bouquet of educational channels that telecast high quality educational programmes 24x7. Each channel has fresh educational content for 8 hours to be telecast 3 times a day. The channels are free-to-air and can be viewed on DD Free Dish and DishTV. CEC's exclusive 24x7 CEC-UGC Higher Education channel – Vyas transmission is available on CEC's website: *https://cec.nic.in* and on *https://webcast.gov.in* web portal of the Government of India. Each programme offers a comprehensive understanding of the fundamentals of the subjects enabling the students to choose a convenient time and ensure recapitulation. Curriculum based programmes meet the needs of lifelong learners.

Channel Name – वागीश | Vageesh
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 – सारस्वत | 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 & HealthEducation

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

CEC Swayam Prabha DTH Channel

Channel Name – कौटिल्य | Kautilya

Channel Scope – Economics and Commerce
Channel No. – CEC-UGC - 07

Subjects: Economics, Business Economics, Commerce, Financial Accounting

Channel Name – आर्यभट्ट | Aryabhatt

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 & Nutrition, Food Technology, Polymer Science

Channel Name - व्यास | Vyas
Channel No. - CEC-UGC - 40

Art/Culture/Literature/Language — **Band - I**

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

Social Science — **Band - II**

History, Geography, Biography, Genealogy, Insignia (Awards), Archaeology, Museology, Manuscripts & 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 & Public Relations, New Media Journalism, Publishing, Photography & Photographs, Graphic Arts, Printmaking & Prints, Library &, Information Science, Education, Sports/Physical Education, Women Education, Law, Environment Studies/Management, Home Economics & Family Living

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

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

#Birthdays@June2025

A Gemini is a highly productive and an energetic worker. They detest deadlines, and will work till they drop to give their best.

2

Ashish Sharma
Data Entry Operator

8

Mohammad Riyaz
Jr. Lib. & Info. Asstt.

8

Gajender Kumar
Driver

9

Hawaldar Gupta
Gardener

10

Lalit Ekka
Multi-Tasking Staff

14

Mukesh Prasad
Accounts Officer

17

Ankita Arora
Production Assistant

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

21

Vivek Kumar
Multi-Tasking Staff

24

Rajat Singh Nain
Lower Division Clerk

30

Vinod Singh
Data Entry Operator

30

Arun Kumar
Jr. Mult. Prog.

CEC wishes you all a very

Happy Birthday

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#Learn Anytime

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swayam.gov.in or scan the QR Code

CEC Helpdesk SWAYAM and SWAYAM Prabha
[Direct Tel. No.] 011- 24126425

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