

# CEC News



शैक्षिक संचार संकाय

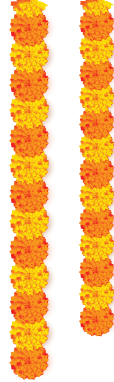
Consortium for Educational Communication

(इलेक्ट्रॉनिक मीडिया पर विश्वविद्यालय अनुदान आयोग का एक अंतर-विश्वविद्यालय केन्द्र)

(An Inter-University Centre of University Grants Commission on Electronic Media)



# 75 आज़ादी का अमृत महोत्सव



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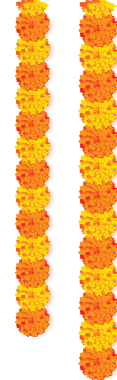
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**Prof. Jagat Bhushan Nadda**  
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प्रिय पाठकों,

हम, सी.ई.सी. में गुणवत्तापूर्ण शिक्षा को वहनीय और सुविधाजनक बनाने के लिए डिजिटल प्लेटफॉर्म का उपयोग करके ज्ञान का प्रसार करते हैं जैसा कि राष्ट्रीय शिक्षा नीति २०२० (एन.ई.पी. २०२०) में संस्तुत है। सी.ई.सी. स्वयं प्लेटफॉर्म पर संचालित गैर-तकनीकी स्नातक (यू.जी.) और स्नातकोत्तर (पी.जी.) पाठ्यक्रमों के लिए राष्ट्रीय समन्वयक है। सी.ई.सी. द्वारा प्रस्तुत किए जा रहे निःशुल्क ऑनलाइन पाठ्यक्रम शिक्षार्थियों को अपनी सुविधानुसार अधिगम की स्वतंत्रता प्रदान करते हैं।

सी.ई.सी. विषय-विशिष्ट डिजिटल शैक्षिक कंटेंट और विशेषज्ञों के व्याख्यान प्रदान करने के लिए सभी सूचनाओं का विलय कर उन्हें डिजिटल प्रारूप में प्रस्तुत करती। हमारा प्राथमिक ध्यान खासतौर पर उन लोगों तक उच्च शिक्षा की आसान पहुंच सुनिश्चित करने पर केन्द्रित है, जिनके पास उच्च शिक्षा प्राप्त करने के लिए संसाधनों की कमी है। सी.ई.सी., उच्च गुणवत्ता वाले शैक्षिक कार्यक्रमों का चौबीस घंटे प्रसारण करने वाले ११ स्वयं प्रभा डी.टी.एच. चैनल के लिए गैर-तकनीकी स्नातक (यू.जी.) और स्नातकोत्तर (पी.जी.) संबंधी कार्यक्रमों के लिए भी राष्ट्रीय समन्वयक है।

आज, सी.ई.सी. एशिया में सबसे बड़े डिजिटल शैक्षिक कंटेंट कोशों में से एक है। इसमें शैक्षिक कंटेंट/कार्यक्रम की एक विस्तृत श्रृंखला है, जिसके निर्माण और प्रसार तेजी से वृद्धि हुई है। इस डिजिटल शैक्षिक कंटेंट गुणवत्ता को लगातार उन्नत करने के लिए, सी.ई.सी. अपने कार्यबल और शिक्षाविदों के लिए नियमित रूप से कार्यशालाओं, प्रशिक्षण और क्षमता-निर्माण कार्यक्रमों का आयोजन करती है जिससे उनका नवीनतम शिक्षा प्रौद्योगिकी के साथ तालमेल बना रहे। सी.ई.सी. ने लगातार दूरस्थ शिक्षार्थियों को डिजिटल रूप से समृद्ध शैक्षिक पाठ्यक्रम प्रदान करने में एक महत्वपूर्ण भूमिका निभाई है।

शुभकामनाएँ...

*जगत भूषण नड्डा*  
निदेशक - सी.ई.सी.

Dear Readers,

As envisioned in the National Education Policy 2020 (NEP 2020) we at CEC disseminate knowledge using the digital platforms to make quality education affordable and convenient. CEC is the National Coordinator for the Non-Technical Undergraduate (UG) and Post Graduate (PG) courses offered on the SWAYAM platform. The free online courses being offered by CEC provide the students freedom to learn at own your pace.

CEC provides subject-specific digital educational content and experts' lectures by converging all information and offering it in digital format. It is our primary focus to ensure easy access to education especially for those who lack the resources for obtaining higher education. CEC is also the National Coordinator for Non-Technical Undergraduate (UG) and Post Graduate (PG) programs for 11 SWAYAM Prabha DTH Channels which telecast high quality educational programs around the clock.

Today CEC, as one of the largest Digital Educational Content Repositories in Asia, has a wide range of educational content, the production and dissemination of which has risen exponentially. It constantly upgrades the quality of its digital educational content with the latest education technology through workshops and capacity-building programmes for its workforce and academicians. CEC has constantly played a vital role in providing digitally enriched educational courseware to the remotest learners.

Best wishes...

*Jagat Bhushan Nadda*  
Director, CEC



## DIGITAL PEDAGOGY: A SILVER LINING



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**D**igital education is the innovative use of digital tools and technologies during teaching and learning, and is often referred to as Technology Enhanced Learning (TEL) or e-Learning. Exploring the use of digital technologies gives educators the opportunity to design engaging learning opportunities in the courses they teach, and these can take the form of blended or fully online courses and programs. The Digital India Campaign is helping to transform the entire nation into a digitally empowered society and knowledge economy.

Developing a Digital Pedagogy in an educational repertoire is persuasive. The prevalence of digital technologies in our lives has been steadily increasing in recent years and eventually we have evolved the teaching-learning-assessment process. There has been a growing body of research since the early 1980s on the impact of technology in educational environment and context. Various studies purport that technology has transformed the way students learn and it has also transmuted the strategies of

teaching. This is pretty clear that the simple act of introducing technology into the classroom is not enough. Teachers must understand how technologies will affect learning, have idea about the expected outcomes and most likely the teaching strategies that need to be used. All these require knowledge, skill and competence on the part of the teachers and also the learners/students. Therefore, reflections on digital pedagogy are seen to be driven by two imperatives: social imperatives, such as the expectation that learning will be digital; and pedagogical imperatives, such as the effect technology has upon learning. Apart from these two principal drivers, one more is the society. It has changed due to the impact of technology through adoption, adaptation, modification and convenient adjustments. Society is no longer constrained as being local or even national; as all are members of a global information society. The way we communicate and acquire information has become digital. The 21<sup>st</sup> century education demands workforce resilient to the changing global knowledge society which is eventually affected by technology.

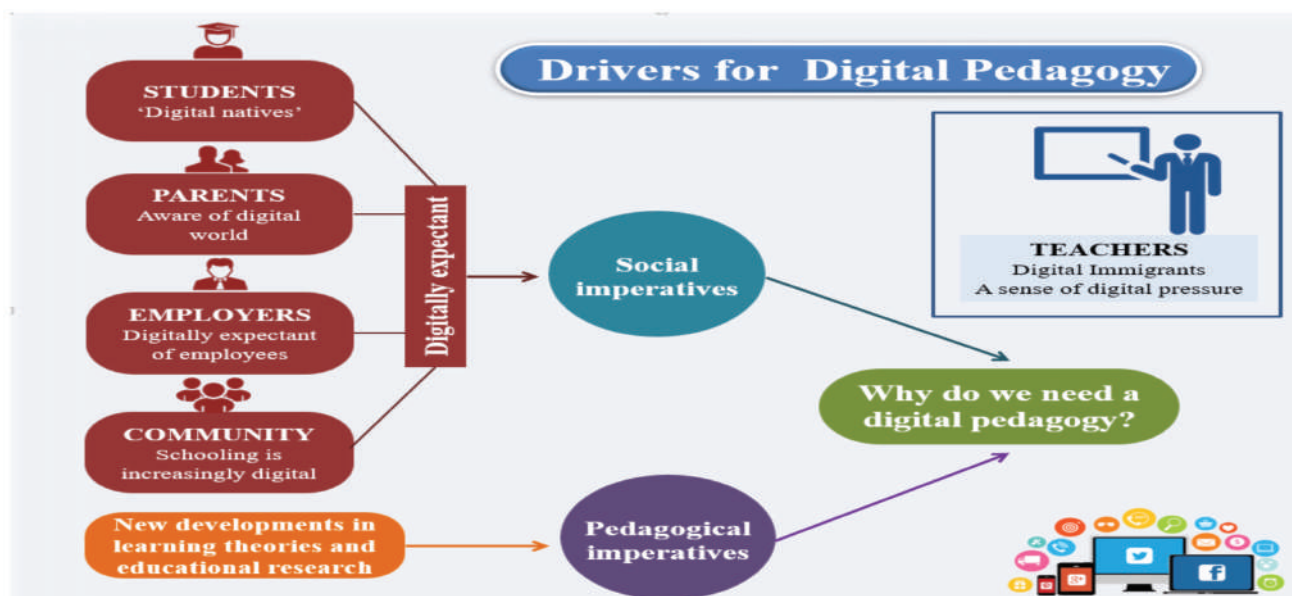


Fig: Drivers of Digital Pedagogy

### Concept of Digital Pedagogy:

Pedagogy is the study of being a teacher and the process of teaching. Traditional paradigm stresses the all-knowing, all-powerful teacher at the front of the class distilling knowledge into the empty minds of the students. Whereas, paradigm shift is inclined on more independent, student led inquiry modes of learning. Teachers now assume the role of co-collaborator or e-Moderator. So, basically 'Digital Pedagogy' (DP) is the study of how to teach using digital technologies. Teachers need to develop a digital pedagogy. The changing nature of students and the context in which we teach is very important. We need to develop our skills in digital technologies and outline the learning outcomes we can expect.

It is a imperative that teachers need to up-skill and embrace digital technologies or get left behind by their students/learners. The silver lining brought about by the DP can only be recognized by ascertaining the-

- Delivery Modes, i.e., the formats in which a course is delivered.
- Teaching Approaches, i.e., the strategies used to deliver instruction and facilitate learning.

A teaching approach has to be selected, or a combination of approaches, at the behest of DP is directed by one's beliefs about dissemination and learning. In addition to this, whether you plan to teach online, in person or through another mode, has a dominant influence on your teaching

approach and the potential trade-offs. As ingredients of pedagogy, the following considerations are key to using digital tools and facilitation techniques in an academic ecosystem-

- Learning outcomes- Encourage students to analyse thoughtfully, think critically and explore new ideas or perspectives.
- Teaching methods- should be orchestrated by instruction considering the diverse needs and situational factors; adjusted and supportive methods as needed.
- Assessments- It is important to utilize formative assessments where students can monitor their progress throughout the course, before, during and after learning, such learning experiences are likely to increase learning outcomes.
- Activities- There should be variability in activities to support all students.

Next to this, DP invokes the orientation of learners/students with digital tools and techniques to be used in the pedagogy- how to use it, what it does, and how it will support their learning experience. These can be described as-

- Designing videos, documents and practice assignments
- Showing how the technology tool will be used
- Including a cheat sheet of basic skills students will need to use the tool
- Providing a detailed list of instructions to login and navigate issues or problems



- Adding a section for privacy policies
- Considering adding a discussion board for tech questions: doing so allows everyone to support each other
- MOOC and LMS

The students must be given the hand-holding of utilising the available resources for the teaching learning assessment process and integrating digital tools. Further, it is necessary to determine the additional skills learners/students may need to have and standard route of accessibility that are required.

It cannot be denied that digital pedagogy can create affluent learners/students who can thrive in this digitally permeated world. It is not only the expectations of students that need to be considered but also parents, employers and the wider community expect the education system to produce technologically fluent students who can use a wide variety of digital technologies, and who have the behaviours and knowledge that will enable them to use emerging technologies. In the present higher education context, digital pedagogy has taken a well planned and configured into a decisive approach. The educators, policy makers and the direct stakeholders are in desire for a transformational change through professional development programmes. The online and blended form of learning is taking a centre-stage to cater to the education of the millennials. DP is a sustaining pedagogy that adds resilience to education and support innovation in the knowledge society.

### **E-Quality Framework:**

In the context of this discussion, NEP 2020 in the realm of augmented digital education driven by digital pedagogy envisions-

- Given the explosive pace of technological development allied with the sheer creativity of tech-savvy teachers and entrepreneurs
- The National Educational Technology Forum (NETF), will be created to provide a platform for the free exchange of ideas
- Technological interventions will be for improving teaching learning and evaluation processes, supporting teacher preparation, educational access, planning, management,

and administration

- Technology-based education platforms (DIKSHA/ SWAYAM), will be better integrated across school and higher education
- Identifying disruptive technologies whose emergence demands responses from the education system
- Universities will aim to offer Ph.D. and Masters programs in core areas such as Machine Learning as well as multidisciplinary fields “AI + X” and professional areas like health care, agriculture, and law
- Raising awareness on issues of privacy, laws, standards associated with data handling and data protection; also recognizes potential risks and dangers.

Some of the recommendations from NEP 2020 for digital education through a concerted digital pedagogy proclaims-

- Pilot studies for online education
- Digital infrastructure
- Online teaching platform and tools
- Content creation, digital repository, and dissemination
- Addressing the digital divide
- Virtual Labs
- Training and incentives for teachers
- Online assessment and examinations
- Blended models of learning
- Laying down standards

### **End note:**

The advocates of digital pedagogy reflect upon the following concerns:

- Don't throw technology into the classroom and hope for good things.
- Cut back on lecturing.
- Empower students to collaborate.
- Focus on life-long learning, not teaching to the text.
- Use technology to get to know each student.
- Design educational programs according to the eight norms (choice, customization, transparency, integrity, collaboration, fun, speed and innovation in learning experiences).
- Reinvent yourself as a teacher or educator to become a facilitator.



# E-LEARNING AND MOOCS: THE FUTURE OF HIGHER EDUCATION



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# E

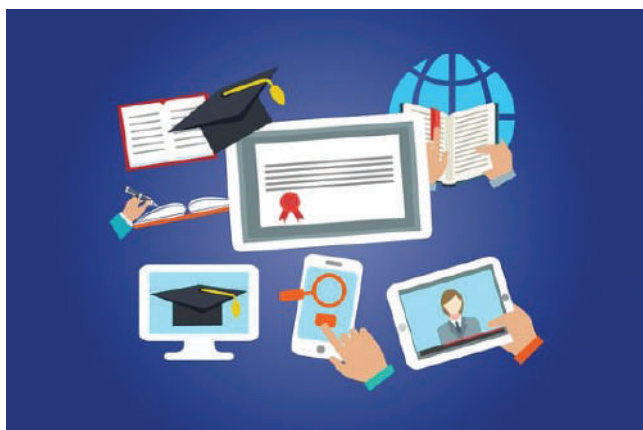
*"Never give up on your dreams no matter how old you are, no matter where you are today, do not give up dreaming for a better tomorrow": Dr. A.P.J. Abdul Kalam (11th President of India)*

Education across the globe has transformed tremendously over the last decade. The academic and professional sessions went completely out of the track in the global pandemic affecting the human race. The COVID-19 crisis has resulted in a dramatic increase in e-learning, online learning and distance learning among beginners as well as professionals. The potential of e-learning and Massive Online Open Courses (MOOCs) has expanded the opportunities for both learning and sharing, making them more inclusive.

Online learners today are diverse in age due to the relaxed learning environments and easier technology-mediated tools for learning. The e-learning and distance education is increasingly appealing to older adults and helping them to integrate with the rest of the Society. The online learning helps to expand training provision, develop elementary

digital skills, motivate online learners, broaden the choice of available online courses, strengthen the digital infrastructure, develop effective testing methods and establish quality assurance mechanisms. However, as rightly said by educationists and policymakers: Online education should complement, not replace classroom teaching'. It is important to provide online access to learners as well as create a seamlessly blended online-offline model of teaching which requires improved infrastructure in educational institutes and schools.

The Department of Higher Education, Ministry of Human Resource Development (MHRD), Govt. of India is administering a programme 'National Mission on Education through Information and Communication Technology' (NMEICT) with an objective to provide ICT-based education and best quality content accessible to all learners in the country, free of cost.



Few of the initiatives under this programme are as under:

### **National Digital Library of India (NDLI)**

The National Mission on Education Through ICT (NMEICT) funded through Ministry of Education, Govt. of India has established National Digital Library of India (Website: <https://ndl.iitkgp.ac.in/>). It is developed, operated and maintained from Indian Institute of Technology, Kharagpur. The primary purpose of this initiative is “One Library All of India” for learners’ community so as to provide learning resources through a single-window. It allows access to the best quality higher education as well as faculty and employee development programs at an affordable cost. This storehouse of knowledge has the following components:

- Accessibility of a wide series of educational resources from primary to postgraduate levels.
- Availability of reference materials for various subjects (Science and Technology, Arts, Social Sciences, Medical Sciences, Legal Studies etc.).
- User friendly diverse e-resources such as e-books, audio books, e-contents (lecturers, presentations, simulations, notes), and question papers (with solutions).
- Specially curated collection for the students appearing in various competitive examinations and job aspirants (such as CBSE Examination Preparatory, IIT-JEE and NEET, Joint Admission test for Masters (JAM), Graduate Aptitude Test in Engineering (GATE), UGC National Eligibility Test (NET), and Career Development and Recruitment).
- Integrated contents from the Institutional Digi-

tal Repositories of numerous Indian Educational and Research Institutes.

### **e-PG Pathshala**

e-PG Pathshala is an initiative of the Ministry of Human Resource Development, Department of Higher Education, Govt. of India under National Mission on Education through ICT (NME-ICT) being implemented by the UGC (Website: <https://epgp.inflibnet.ac.in-/Home>). It has interactive e-contents in 70 subjects (around 723 papers) across all disciplines of social sciences, arts, fine arts and humanities, natural and mathematical sciences, linguistics and languages with 220000+ Modules (e-text, video and online quizzes). All these components have been developed by the subject experts from prestigious universities and research institutes across India. The main structures of e-PG Pathshala include: e-Adhyayan (provide 700+ e-Books for the Post-Graduate Courses), UGC-MOOCs (A vertical of SWAYAM: Online Courses), and e-Pathya (software driven course/content package for PG level).

### **SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds)**

SWAYAM is a programme pioneered and developed indigenously by Government of India (Website: <https://swayam.gov.in/>). SWAYAM MOOCs platform is India’s national MOOCs platform and one of the World’s largest online free e-learning portal intended to achieve the three key principles of education policy namely: access, equity and quality. Several proactive measures have been taken to make these virtual teaching-learning resources accessible and interesting to all, including the most disadvantaged and underprivileged students. These courses help to acquire skills that meet your needs and are enriched







by using multimedia and state of the art pedagogical knowledge. Diverse disciplines are available in higher education domain such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture etc. The courses conducted through SWAYAM platform are available free of cost to the learners. But learners wanting a SWAYAM certificate of completion should register for the final proctored exams that come at a fee and have to appear in-person at selected centres on stated dates for the examination. For college/university faculty, several 'Faculty Development and Student Mentoring' courses are available.

The SWAYAM courses have 04 quadrants: Video lectures, Reading materials, Self-assessment tests and quizzes, and an online dialogue forum for doubts clearance. Eight National Coordinators are coordinating to ensure production and delivery of best teaching-learning resources to everyone, like School Education (NIOS and NCERT), Out-of-School Education (IGNOU and NITTTR), Under-Graduate Education (NPTEL, AICTE, CEC and IIMB) and Post-Graduate Education (NPTEL, AICTE, IIMB). These course contents cover school education modules, skill-based courses, advanced curriculum and professional certification and also courses for life-long learners in India and abroad.

### Virtual Labs

This project is an initiative of Ministry of Education under National Mission on Education through ICT (Website: <https://www.vlab.co.in/>). The open access experiments and labs provide remote-access to simu-

lation-based exercises in various disciplines of Science and Engineering. The major thrust areas include Electronics & Communications, Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Biotechnology and Biomedical Engineering, Civil Engineering, Physical Sciences and Chemical Sciences. These digital resources have proved beneficial to students, teachers and teacher educators alike by activating their curiosity through active participation rather than passive observation. The various components under this platform are web-resources, video-lectures, animated demonstrations and self-evaluation. The various participating institutes in this project are: IIT Kharagpur, IIT Roorkee, IIT Guwahati, IIT Delhi, IIT Bombay, IIT Kanpur, IIIT Hyderabad, Amrita Vishwa Vidyapeetham, Dayal Bagh Educational Institute, NITK Surathkal, COE Pune.

The concept of traditional education has changed drastically within the last couple of years. We have now entered a new era - the revolution of online education and use of blended learning in the classrooms. The use of Augmented and Visual Reality has transformed everything around us, including the landscape of education. Online education has enabled the teacher and the student to customise their own learning place and pace with flexibility. As progressively more students acquire the benefits of online learning, the blend between classical and conventional way of learning like Text Books and Notebooks and digital software like eBooks and PDFs will result in better learning outcomes.



Disclaimer: Views expressed in the article are personal.

## ई.एम.आर.सी. इंदौर में समन्वय समिति की दो दिवसीय १०३वीं बैठक

ई.एम.आर.सी. इंदौर में समन्वय समिति की दो दिवसीय १०३वीं बैठक दिनांक २७-२८ अक्टूबर, २०२२ को आयोजित की गई। बैठक के दौरान संगठन से संबंधित कुछ प्रमुख मुद्दों पर चर्चा की गई। समन्वय समिति के अध्यक्ष और सी.ई.सी. के निदेशक प्रो. जगत भूषण नड्डा ने अपने संबोधन के दौरान कहा कि सी.ई.सी. और ई.एम.आर.सी. भारत में डिजिटल शिक्षा की नींव रखने का कार्य कर रहे हैं।

उन्होंने इस तथ्य पर भी बल दिया कि शिक्षा एक "महत्वपूर्ण कार्य" था और सामान्य दर्शकों के स्क्रीन टाइम जैसे कुछ कारकों के कारण डिजिटल शिक्षा के लिए आवश्यक कंटेंट प्रदान करने वालों को हतोत्साहित नहीं होना चाहिए। बैठक की शुरुआत प्रो. चंदन गुप्ता, निदेशक, ई.एम.आर.सी., इंदौर के स्वागत भाषण से की गई। उन्होंने बैठक में भाग लेने वाले सभी प्रतिभागियों और गणमान्य व्यक्तियों का हार्दिक स्वागत किया।

बैठक के दौरान प्रो. रेणु जैन, कुलपति, देवी अहिल्या विश्वविद्यालय, इंदौर ने सभी उपस्थित जन को संबोधित किया। तत्पश्चात, प्रो. अविनाश चंद्र पांडेय, आई.यू.ए.सी., निदेशक ने भी सभी को संबोधित किया।

## A two-day 103rd meeting of the Coordination Committee at EMRC Indore.

A two-day 103rd meeting of the Coordination Committee was held on October 27<sup>th</sup>- 28<sup>th</sup>, 2022 at EMRC Indore. During the meeting discussion on certain key issues relating to the organization was held. Prof. Jagat Bhushan Nadda, Chairman of the Coordination Committee and Director of CEC, during his address, said that CEC and the EMRCs were laying the foundation blocks of digital education in India.

He also stressed the fact that Education was a "Serious Business" and certain factors like the screen time of general viewers should not discourage those providing the necessary content for digital education. The meeting started with the welcome address by the Director EMRC Indore Prof Chandan Gupta. He welcomed all the participants and the Dignitaries attending the meeting.

The meeting was then addressed by the Vice Chancellor of the Devi Ahilya Vishwavidyalaya, Indore Prof. Renu Jain. The meeting was also addressed by Prof. Avinash Chandra Pandey Director of the IUAC, New Delhi



103rd meeting of the Coordination Committee at EMRC Indore

ई.एम.आर.सी. इंदौर में समन्वय समिति की १०३वीं बैठक



## सी.ई.सी., दिल्ली के तत्वावधान में ई.एम.आर.सी. मैसूर द्वारा 'स्वयं'(SWAYAM) ई-कंटेन्ट लेखन पर १५ अक्टूबर २०२२ को एक कार्यशाला का आयोजन

सी.ई.सी., दिल्ली के तत्वावधान में ई.एम.आर.सी. मैसूर द्वारा 'स्वयं' के लिए ई-कंटेन्ट लेखन पर १५ अक्टूबर २०२२ को एक दिवसीय कार्यशाला का आयोजन किया गया। इसके दौरान प्रो. एच. राजशेखर, निदेशक, ई.एम.आर.सी., मैसूर ने अपने स्वागत संबोधन में कहा कि वर्तमान समय में शैक्षिक मल्टीमीडिया अनुसंधान केन्द्रों (ई.एम.आर.सी.) की जिम्मेदारियां बढ़ रही हैं, पहले हमारे कार्यकलापों का दायरा शैक्षिक संचार संकाय (सी.ई.सी.) और विश्वविद्यालय अनुदान आयोग (यू.जी.सी.) द्वारा दी गई जिम्मेदारियों तक ही सीमित था लेकिन अब हमें इन दो प्रमुख संस्थानों द्वारा बनाई गई सीमाओं से आगे बढ़ कर कार्य करने होंगे। शिक्षा में सरकार द्वारा निभाई गई महत्वपूर्ण भूमिकाओं पर बल देते हुए उन्होंने यह भी कहा कि केन्द्र और राज्य सरकार देश में उच्च शिक्षा के सकल नामांकन अनुपात (जी.ई.आर.) को बढ़ाने के लिए प्रयासरत हैं। इस क्षेत्र में बहुत प्रयास किए जा रहे हैं, बहुत सारी रणनीतियां तैयार और कार्यान्वित की जा रही हैं और अब एन.ई.पी. २०२० के संबंध में उच्च शिक्षा की आवश्यकताओं को पूरा करने के लिए विकास हेतु बहुत सारी नई रणनीतियां बनाई गई हैं।

सेवानिवृत्त प्रो. ए. बालसुब्रमण्यम, पूर्व निदेशक, ई.एम.आर.सी., मैसूर कार्यशाला में विशेषज्ञ की भूमिका में सम्मिलित थे। उन्होंने स्क्रिप्ट की बेहतर प्रस्तुति के लिए मूक्स के लिए स्क्रिप्ट-लेखन और स्टोरीबोर्डिंग के विवरण पर विषय-विशेषज्ञों को शामिल किया। श्री सैयद कलीम, ई.एम.आर.सी. मैसूर के पूर्व निदेशक और निर्माता अन्य विशेषज्ञ की भूमिका में थे जिन्होंने ई.एम.आर.सी. द्वारा मूक्स के उत्पादन, कंटेन्ट उत्पादन में चरणों, वीडियो रिकॉर्डिंग, वीडियो संपादन और ऑडियो उत्पादन और अंतिम आउटपुट के विषय-विशेषज्ञों का मार्गदर्शन किया।

सत्र समाप्त होने के बाद, प्रतिभागियों को स्टूडियो में व्यावहारिक अनुभव प्राप्त हुआ, उन्होंने सैम्पल वीडियो लेकर रिकॉर्ड किए। सभी प्रतिभागियों को सहभागिता प्रमाण-पत्र प्राप्त हुआ।

### A workshop on E-Content Writing for SWAYAM on 15th October 2022 was organised by EMRC Mysore in auspices with CEC Delhi.

In present time the responsibilities of Educational Multimedia Research Centres (EMRC) are increasing, earlier we used to restrict ourselves to the responsibilities given by Consortium for Educational Communication (CEC) and University Grants Commission (UGC), but now we have to go beyond the boundaries created by these two premier institutions observed Prof. H. Rajashekhar, Director EMRC Mysore in his inaugural speech of one day workshop on E-Content Writing for SWAYAM on 15th October 2022 was organised by EMRC Mysore in auspices with CEC Delhi. Further stressing the important roles played by the government in education he said Central and the State Governments have been striving to increase Gross Enrolment Ratio (GER) of higher education in the country. Lot of efforts are being put in, lot of strategies are being designed and implemented and now we have been talking about NEP 2020, so lot of new developments are on the charts to fulfil the needs of higher education.

Retired Prof. A. Balasubramanian, Formerly Director of EMRC Mysore, was one of the resource persons for the workshop. He engaged the subject experts on Scriptwriting for MOOCs and details of Storyboarding for a better presentation of the scripts. Mr Syed Kaleem, Formerly Director and Producer at EMRC Mysore was another resource person who guided the subject experts on the Production of MOOCs by EMRC, Stages in content production, the ins and outs of video recording, video edit and audio production and the final output. Once the sessions were over, the participants had hands-on experience in the studio, they recorded sample video lectures. All the participants received participation certificates.



In auspices with CEC, Delhi, EMRC Mysore organised a workshop on E-Content Writing for SWAYAM

सी.ई.सी., दिल्ली के तत्वावधान में ई.एम.आर.सी. मैसूर द्वारा 'स्वयं' के लिए ई-कंटेन्ट लेखन पर कार्यशाला का आयोजन

## निदेशक, सी.ई.सी. द्वारा "रोडमैप: भारतीय संदर्भ में प्रोटॉन – हैड्रॉन थेरेपी तथा उन्नत प्रौद्योगिकी अनुसंधान एवं विकास" पर कार्यशाला का उद्घाटन

प्रो. जे.बी. नड्डा, निदेशक, सी.ई.सी. ने दिल्ली में अंतर-विश्वविद्यालय त्वरक केंद्र (आई.यू.ए.सी.) द्वारा विषय "रोडमैप: भारतीय संदर्भ में प्रोटॉन – हैड्रॉन थेरेपी तथा उन्नत प्रौद्योगिकी अनुसंधान एवं विकास" पर आयोजित दो-दिवसीय कार्यशाला का उद्घाटन किया।

प्रो. जे.बी. नड्डा ने अपने उद्घाटन सम्बोधन के दौरान देश को ज्ञान का केंद्र और विश्व गुरु बनाने के लिए अनुसंधान की अत्यधिक आवश्यकता के बारे में चर्चा की और उस पर जोर दिया। उन्होंने कहा, "वर्तमान समय में यह आवश्यक है कि चिकित्सा प्रौद्योगिकी हार्डवेयर और सॉफ्टवेयर का एक संपूर्ण पारिस्थितिकी तंत्र बनाया जाए जिससे कैंसर आदि जैसी घातक बीमारियों के लिए कम लागत पर इलाज उपलब्ध हो सके।" उन्होंने आगे माननीय प्रधानमंत्री श्री नरेंद्र मोदी जी के 'जय जवान, जय किसान, जय विज्ञान, जय अनुसंधान' के नारे का स्मरण कराया और शोध-उन्मुख दृष्टिकोण पर जोर दिया।

## Director CEC inaugurated Workshop on “Roadmap: Proton –Hadron Therapy and Advanced Technology Research and Development in Indian Context”: Way ahead

Director CEC Prof. J.B. Nadda, Director CEC, inaugurated a two-day workshop on the topic, “Roadmap: Proton –Hadron Therapy and Advanced Technology Research and Development in Indian Context” organized by Inter-University Accelerator Centre (IUAC) in Delhi.

During his inaugural address Prof. J.B. Nadda emphasized and elucidated the immense need for research to make the country hub of knowledge and lead from the front to Vishwa Guru. He said, “The need of the hour is to create a wholesome ecosystem of medical technology hardware and software that can offer low-cost and sustainable solutions of deadly diseases like cancer etc.” He further quoted Hon’ble PM Shri Narendra Modi Ji’s slogan of ‘Jai Jawan, Jai Kisan, Jai Vijvan, Jai Anusandhan,’ and emphasized the research-oriented approach.



Director CEC inaugurated Workshop on “Roadmap: Proton –Hadron Therapy and Advanced Technology Research and Development in Indian Context”  
निदेशक, सी.ई.सी. द्वारा "रोडमैप: भारतीय संदर्भ में प्रोटॉन – हैड्रॉन थेरेपी तथा उन्नत प्रौद्योगिकी अनुसंधान एवं विकास" पर कार्यशाला का उद्घाटन



## श्री भरत जाधव (निर्माता १) और श्री प्रशांत कुहिकर (उत्पादन सहायक) को स्विट्जरलैंड में डॉक्यूमेंट्री समर स्कूल (डी.एस.एस.) २०२२ के लिए चुना गया

ई.एम.आर.सी. अहमदाबाद के निर्माता श्री भरत जाधव और उत्पादन सहायक श्री प्रशांत कुहिकर ने ८ से १२ अगस्त २०२२ तक इंस्टीट्यूट ऑफ मीडिया एंड जर्नलिज्म यूनिवर्सिटी डेला स्विजरा इटालियाना और लोकानों इंटरनेशनल फिल्म फेस्टिवल स्विट्जरलैंड द्वारा आयोजित प्रतिष्ठित २०२२ डॉक्यूमेंट्री समर स्कूल में भाग लिया। इस वर्ष डी.एस.एस. को दुनिया भर में कुल ६१५ आवेदन प्राप्त हुए, जिसमें से दोनों को दुनिया भर में अंतिम ३१ प्रतिभागियों में चुना गया है। वे दोनों अंतराष्ट्रीय वृत्तचित्रों के बारे में गहन अध्ययन करते हैं और वृत्तचित्रों पर व्यावहारिक प्रशिक्षण प्राप्त करते हैं। इस वर्ष डी.एस.एस. २०२२ की थीम है- “फिल्मिंग द रियल: ड्रामेटाइजेशन एंड परफॉर्मेंस इन डाक्यूमेंट्री सिनेमा”।

एक प्रतिष्ठित विश्वविद्यालय द्वारा आयोजित इस डॉक्यूमेंट्री समर स्कूल में सी.ई.सी.-ई.एम.आर.सी., गुजरात विश्वविद्यालय और अहमदाबाद का प्रतिनिधित्व करने से हमारी संस्था/केंद्र को अधिक प्रसिद्धि मिलेगी और अंतराष्ट्रीय फोरम पर मंच प्राप्त होगा। इस कार्यशाला में कई विश्व प्रसिद्ध वृत्तचित्र फिल्म-निर्माता, शिक्षाविद् और संचारकों ने भाग लिया। इस अवसर ने हमारे केंद्र और विश्वविद्यालय को अंतराष्ट्रीय नेटवर्किंग और विभिन्न स्तरों पर संभावित पेशेवर सहयोग (ओं) के माध्यम से अपने क्षितिज का विस्तार करने में सक्षम बनाया है। इस नेटवर्किंग और सहयोग से केंद्र और गुजरात विश्वविद्यालय के अकादमिक समुदाय को एक और उपलब्धि प्राप्त होगी।

## Mr. Bharat Jadav (Producer 1) & Mr. Prashant Kuhikar (Production Asst.) selected for Documentary Summer School (DSS) 2022 in Switzerland.

Mr. Bharat Jadav (Producer 1) & Mr. Prashant Kuhikar (Production Asst.) was selected for Documentary Summer School (DSS) 2022 in Switzerland. EMRC Ahmedabad's Producer Mr. Bharat Jadav and Prod. Asst. Mr. Prashant Kuhikar were participated the prestigious 2022 Documentary Summer School organized by the Institute of Media and Journalism Università della Svizzera Italiana & Locarno International Film Festival Switzerland from 8th to 12th August 2022. This year DSS Received total 615 Applications world-wide out of this, both have been selected in the final 31 participants worldwide. They both learn in-depth study about International Documentary Films and Get Practical hands-on Training on Documentary films, this year DSS 2022 theme is **FILMING THE REAL: DRAMATIZATION AND PERFORMANCE IN DOCUMENTARY CINEMA**

Representing CEC-EMRC, Gujarat University. Ahmedabad at this Documentary summer school organized by a prestigious University would get our institution/centre visibility and platform at the International forum. Many world-renowned Documentary Film-Makers, Academicians, and Communicators participated in this workshop. This exposure has enabled our center and university to expand its horizon through international networking and potential professional collaboration(s) at various levels. This networking and collaboration(s) would add a feather to cap of the center and Gujarat University's Academic community.



Mr. Bharat Jadav (Producer 1) & Mr. Prashant Kuhikar (Production Asst.) selected for Documentary Summer School (DSS) 2022 in Switzerland.  
श्री भरत जाधव (निर्माता १) और श्री प्रशांत कुहिकर (उत्पादन सहायक), स्विट्जरलैंड में डॉक्यूमेंट्री समर स्कूल (डी.एस.एस.) २०२२ के लिए चयनित



## प्रो. जगत भूषण नड्डा, निदेशक, सी.ई.सी. ने २० अक्टूबर, २०२२ को गैलरी नं. ४, ललित कला अकादमी, नई दिल्ली में आर्टिस्ट प्रेम चंदर की एकल पेंटिंग प्रदर्शनी का उद्घाटन किया

इस प्रदर्शनी में श्री प्रेम चंदर ने अपनी सभी पेंटिंग के लिए कार्डबोर्ड का व्यापक उपयोग किया क्योंकि सादी बनावट और लहरदार सतह अचेतन मन के परिदृश्य को दर्शाती है। उन्होंने विषय की अभिव्यक्तियों, मुद्रा और रूप, जहां शून्य भी संयुक्त भावनाओं के चित्रण और संचार में महत्वपूर्ण भूमिका निभाता है, मौलिक मानवीय संवेदनाओं की स्पष्ट अभिव्यक्ति को चित्रित करने का प्रयास किया।

श्री प्रेम ने जामिया मिलिया इस्लामिया विश्वविद्यालय, नई दिल्ली से ललित कला में एडवांस्ड डिप्लोमा प्राप्त किया है और कॉलेज ऑफ आर्ट, दिल्ली विश्वविद्यालय (२०१२) से एप्लाइड आर्ट में स्नातक हैं, जहां उन्होंने सर्टिफिकेट ऑफ मेरिट भी जीता है। इसके अतिरिक्त, उनके द्वारा बनाई गई एक विस्तृत पेन एंड इंक ड्राइंग दिल्ली विश्वविद्यालय के कैलेंडर का हिस्सा बनाई गई है। वे उदां स्कूल ऑफ फोटोग्राफी, नई दिल्ली से प्रोफेशनल फोटोग्राफी में भी प्रशिक्षित हैं। वर्तमान में वे सी.ई.सी. में ग्राफिक आर्टिस्ट के रूप में कार्यरत हैं।

## Director CEC Prof. Jagat Bhushan Nadda, inaugurated artist Prem Chander's Solo Painting Exhibition at Gallery No. 4, Lalit Kala Akademi, New Delhi on 20th October, 2022

Prem Chander has made an extensive use of cardboard for his paintings, as the humble rustic textures and the undulating surface reflects the landscape of the unconscious mind. He has tried to portray a candid manifestation of primordial human sensibilities through the subject's expressions, pose and form where space also plays a vital role in the depiction and communication of organic emotions.

Prem holds Advanced Diploma in Fine Arts from Jamia Millia Islamia University, New Delhi and is a Graduate in Applied Art from College of Art, University of Delhi (2012) where he also won Certificate of Merit. Also, a detailed pen and ink drawing by him became a part of the Calendar of the University of Delhi. He is also trained in Professional Photography from Udaan School of Photography, New Delhi. Currently he is working in CEC as Graphic artist.



Prof. Jagat Bhushan Nadda, Director CEC inaugurated artist Prem Chander's Solo Painting Exhibition

प्रो. जगत भूषण नड्डा, निदेशक, सी.ई.सी. ने आर्टिस्ट प्रेम चंदर की एकल पेंटिंग प्रदर्शनी का उद्घाटन किया



**Winner of 23rd UGC-CEC Educational Video Competition**



## VALLEY OF THE GOATS



Vaisakhan M.

**SYNOPSIS -** Goats are called as a poor man's cows. This documentary explores the goat rearing tradition of Attapadi and status of two indigenous goat breeds. At Attapady area in Kerala South India, goat rearing is the sole income for Irula tribes. Two breeds of goats are reared here, the Attappadi Black goat and Malabari goat. Both breeds are known for their sturdy nature and ability to withstand high temperature prevailing in Attapadi. In the era of global warming and climate change, such breeds are a boon for the poor tribes. However, these goats are facing threat due to cross breeding. Young and old alike, all in the Irula hamlets are involved in goat rearing in one way or another. Goats are an integral part of their customs and traditional medicinal practices.

### Cameraman's Profile

Vaisakhan M. is a Freelance Videographer, Native of Thiruvananthapuram, Kerala. He has done camerawork in numerous films and has won awards including 'NCERT Special jury Award' for best camera work.



**AWARDED**



CATEGORY

**BEST CAMERA WORK**

English | 2018 | 00:23:36

Scan here for documentary



**List of Courses for July-Dec. 2022 Semester**

Sr. No.	Degree Prog.	Subject	Level of the Course (UG-PG)	Course Title	Name of the Course Coordinator	Start date	End date	Host university	No of Credits
1	BA	Agriculture	UG	Diseases of horticultural crops and their management	Dr. Bireshwar Sinha	11.07.2022	11.09.2022	Manipur University, Imphal, Manipur	3
2	B.Sc.	Foods and Nutrition	UG	Institutional food Service Management	Dr. Viparti Vijaya Lakshmi	22.08.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	4
3	M.Sc.	Food and Nutrition	PG	Functional Foods and Nutraceuticals	Dr Rekha Sharma	18.07.2022	30.10.2022	Rashtrasant Tukadoji Maharaj Nagpur University (Maharashtra)	4
4	B.Sc.	Agricultural and Food Engineering	UG	Food and Nutrition	Dr. Asna Urooj	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
5	B.Sc.	Agricultural and Food Engineering	UG	Food Chemistry	Dr.Chandra Nayaka, S.	04.07.2022	25.09.2022	University of Mysore, Mysuru, Karnataka	4
6	B.Sc.	Agricultural and Food Engineering	UG	Food Microbiology	Dr. Niranjan Raj S	04.07.2022	25.09.2022	University of Mysore, Mysuru, Karnataka	4
7	B.Sc.	Agricultural and Food Engineering	UG	Food Preservation Technology	Dr. Girish K	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
8	M.Sc.	Multidisciplinary	PG	Food Microbiology and Food Safety	Dr Tejpal Dhewa	12.07.2022	31.10.2022	Central University of Haryana, Mahendergarh	4
9	PG	Sanskrit	PG	Indian Vastushastra	Dr. Praveesh Vyas	12.07.2022	31.10.2022	Sri Lal Bahadur Shastriya Sanskrit Vidyapeeth, New Delhi	4
10	B.A.	Music	UG	Indian Vocal Music	Dr Awadhesh Pratap Singh Tomer	12.07.2022	31.10.2022	Dr Harisingh Gour Vishwavidyalaya Sagar (M.P.)	3
11	B.A.	Performing Arts	UG	Junior Course in Kathak	Prof. Amita Dutt	04.07.2022	30.09.2022	St. Xavier's College, Kolkata (W.B.)	4
12	MA	Visual Arts	PG	Creative Painting	Dr. Alka Chaddha	04.07.2022	15.10.2022	Dayalbagh Educational Institute, Agra (U.P.)	4
13	MA (PG)	Performing Art	PG	Performing Arts & Allied Subjects	Dr.Yogesh Gambhir	01.07.2022	15.10.2022	Punjabi University, Patiala (Punjab)	3
14	M.Sc.	Biology, Life science, Chemistry, Agriculture	PG	Biomass Characterization	K.Arunkumar	01.07.2022	30.12.2022	Central University of Kerala (Kerala)	4
15	B.Sc.	Biochemistry	UG	Basic concepts in Enzymology	Dr. Deepa G Muricken	04.07.2022	21.09.2022	University of Calicut (Kerala)	4
16	B.Sc.	Botany	UG	Plant Physiology and Metabolism	Dr. Sudeshna Shyam Chowdhury	06.07.2022	03.09.2022	St. Xavier's College, Kolkata (W.B.)	4
17	B.Sc.	Microbiology	UG	Industrial Microbiology and Immunology	Dr. Kasturi Sarkar	04.07.2022	25.09.2022	St. Xavier's College, Kolkata (W.B.)	4
18	B.Sc.	Botany	UG	Plant groups (Plant Diversity)	Dr. Arup Kumar Mitra,	04.07.2022	23.09.2022	St. Xavier's College, Kolkata (W.B.)	4
19	B.Sc.	Microbiology	UG	Advanced Microbiology	Dr. Arup Kumar Mitra	04.07.2022	28.08.2022	St. Xavier's College, Kolkata (W.B.)	4
20	B.Sc.	Biological Sciences & Bioengineering	UG	Microbial Physiology and metabolism	Dr. K. R. Maruthi	04.07.2022	11.09.2022	University of Mysore, Mysuru, Karnataka	4
21	B.Sc.	Biological Sciences & Bioengineering	UG	Plant Pathology and Soil Health	Dr. Vindhya K	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
22	B.B.A	Commerce	UG	Personality development and communication skills	Sachin Surve	12.07.2022	31.10.2022	Savitribai Phule Pune University (SPPU), Pune (Maharashtra)	3
23	B.Com, M.Com, MBA	Commerce, Management	PG	Direct Tax Laws and Practice	Subhrangshu Sekhar Sarkar	16.07.2022	31.12.2022	Tezpur University, Tezpur (Assam)	4
24	B.Sc., B.B.A., B.A., B.Com.	Computer Science	UG	Computer Fundamentals	Dr. Sanjay Tanwani	28.07.2022	29.10.2022	Devi Ahilya Vishwavidyalaya, Indore (M.P.)	4
25	B.Sc.	Computer Science	UG	Information Security	Dr. Reshma P K	18.07.2022	10.10.2022	University of Calicut (Kerala)	4
26	B.Sc.	Computer Science	UG	Introductory Concepts of Digital Computing	Ms. Betsy Chacko	18.07.2022	11.10.2022	University of Calicut (Kerala)	4
27	B.Sc., B.Com	Electronics	UG	Digital Electronics and Microprocessor	Dr. Vishnu Priya	01.07.2022	01.09.2022	Shri Mata Vaisho Devi University, Katra (J&K)	2
28	B.Sc., B.Com	Computer Science	UG	Data Base Management Systems	Dr.J.J.Indumathi	08.07.2022	23.09.2022	Anna University, Chennai (Tamilnadu)	4
29	B.Sc., B.Com	Computer Science	UG	Data Structures	Dr.K.Arul Deepa	08.07.2022	23.09.2022	Anna University, Chennai (Tamilnadu)	4
30	B.Sc. (Hon.)	Computer Science	UG	Programming in Python	Dr. Rizwan Rehman	01.07.2022	11.10.2022	Dibrugarh University, Dibrugarh (Assam)	4
31	M.Sc.	Computer Science and Engineering	PG	Cyber Security	Prof. Padmavathi G	01.07.2022	11.10.2022	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Tamil Nadu)	4
32	BA, BSc, MA, MSc, Btech, Mtech	Engineering, Science & Arts	PG	Animations	Dr. Abhishek Kumar & Dr. Achintya Singhal	01.07.2022	11.10.2022	Banaras Hindu University, BHU (U.P.)	4
33	B.Sc.	Computer Science	UG	Operating Systems	Dr Sasikala	12.07.2022	31.10.2022	University of Madras, Chennai (Tamil Nadu)	4
34	B.Sc.	Computer Science	UG	Software Engineering	Dr Lavanya	12.07.2022	31.10.2022	University of Madras, Chennai (Tamil Nadu)	4
35	B.Sc.	Chemistry	UG	Chemistry of d-block elements, Quantum Chemistry and Spectroscopy	Dr. Niraj Upadhyay	04.07.2022	31.10.2022	Dr Harisingh Gour Vishwavidyalaya Sagar (M.P.)	4
36	M.Sc.	Chemistry	PG	Organic Chemistry 1	Dr. B. S. Balaji	25.07.2022	31.11.2022	Jawaharlal Nehru University, New Delhi	4



**List of Courses for July-Dec. 2022 Semester**

Sr. No.	Degree Prog.	Subject	Level of the Course (UG.PG)	Course Title	Name of the Course Coordinator	Start date	End date	Host university	No of Credits
37	BA	Education	UG	Educational Technology	Dr. Naziya Hasan	11.07.2022	11.09.2022	Manipur University, Imphal, Manipur	3
38	B.A	Psychology	UG	Health Psychology	Anne Samyukta	08.08.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	4
39	B.A.	Psychology	UG	Human Development and Behaviour	Dr. P. Swathi	22.08.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	3
40	B.A. Hons.	psychology	UG	Biopsychology	Dr. Hemlata Joshi	01.07.2022	01.12.2022	Jai Narain Vyas University, Jodhpur, (Rajasthan)	6
41	B.A.B. Sc..B.com. MA.M.Sc. .M.Com	ALL	PG	Early Childhood Care and Education	K.Arockia Maraichelvi	11.07.2022	03.10.2022	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Tamil Nadu)	4
42	All	All	PG	School Counselling	Ramya Bhaskar	11.07.2022	22.10.2022	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Tamil Nadu)	4
43	PG	Education	PG	E-assessment	Dr. C. Karthik Deepa	22.07.2022	31.10.2022	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Tamil Nadu)	4
44	B.Ed	Spl. Education	UG	Sensory Disabilities	Mrs. R.Shanthi	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
45	B.Ed	Spl. Education	UG	Orientation and Mobility	Mrs. R. Nagomi Ruth	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
46	B.Ed	Spl. Education	UG	Braille & Assistive Devices	Mrs. R. Nagomi Ruth	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
47	B.Ed	Spl. Education	UG	Technology and Education of the Visual Impaired	Dr. G. Victoria Naomi	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
48	B.Ed	Spl. Education	UG	Identification of Children with Visual Impairment and Assessment of Needs	Dr. G. Victoria Naomi	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
49	B.Ed	Spl. Education	UG	Psycho Social and Family Issues of Individuals with Visual Impairment	Mrs. R.Shanthi	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	2
50	B.Ed	Education	UG	Basic Concepts in Education	Dr.S.Prakash	13.07.2022	21.08.2022	M.K.University, Madurai (Tamil Nadu)	2
51	B.Ed	Education	UG	Child development	Dr.S.Prakash	13.07.2022	04.09.2022	M.K.University, Madurai (Tamil Nadu)	4
52	Degree Program	Education	PG	Communication Technologies in Education	Dr Dhaneswar Harichandan	01.07.2022	31.10.2022	University of Mumbai, Mumbai (Maharashtra)	4
53	B.Sc...B.A. .B.Com.	Foundation Course	UG	Environmental Studies	Dr. Monica Jain	28.07.2022	29.10.2022	Devi Ahilya Viswavidyalaya, Indore (M.P.)	4
54	B.Sc..B.B. A..B.A..B. Com.	Generic	UG	Basics of Photography	Dr. Narayan Patidar	28.07.2022	29.10.2022	Devi Ahilya Viswavidyalaya, Indore (M.P.)	4
55	B.B.A..B.A.	Generic	UG	Introduction to Advertising	Dr Richa Mandovra	28.07.2022	29.10.2022	Devi Ahilya Viswavidyalaya, Indore (M.P.)	3
56	M.Com.MB A.M.Sc etc.	Commerce and Management	PG	Organisation Behaviour	Prof.(Dr.) Vishal Kumar	18.07.2022	31.10.2022	Panjab University, Chandigarh	4
57	B.A., B.Sc., M.Sc.	Forensic Science	UG	Introduction to Forensic Science Police Science	Devasish Bose	28.07.2022	29.10.2022	Dr Harisingh Gour Vishwavidyalaya Sagar (M.P.)	2
58	MSc.MA	Mass Communication	PG	Print and Broadcast Journalism	Dr. Neeta Khandelwal	11.07.2022	30.10.2022	SDA University	4
59	PG	Multidiscipline	PG	Research Ethics	Shri. Manoj Kumar K	22.07.2022	31.10.2022	Central University of Himachal Pradesh, Dharamsala,HP	4
60	MA.MSc.M Com (Any Masters)	Interdisciplinary	PG	Film Studies	Dr. Vellikkeel Raghavan	01.08.2022	30.11.2022	Central University of Kerala (Kerala)	4
61	M.Arch	Urban Planning	PG	Urban Disaster Risk Mitigation And Climate Resilient Development	Prof. Dr. Sanjukta Bhaduri	11.07.2022	11.11.2022	SPA , NEW DELHI	4
62	MA	Interdisciplinary	PG	Society and Media	Dr. Durgesh Tripathi	15.08.2022	15.11.2022	Guru Gobind Singh Indraprastha University, New Delhi	4
63	B.A	Mass Communication	UG	Basic Concepts of Film & Video Editing	Saikat Sekhaheswar Ray	04.07.2022	04.09.2022	St. Xavier's College, Kolkata (W.B.)	3
64	B.A.	Multi Media and Mass Communication	UG	Advertisement and Media	Dr. Manali Bhattacharya	04.07.2022	28.08.2022	St. Xavier's College, Kolkata (W.B.)	2
65	BA. B Com	Multidisciplinary	UG	Geography of Tourism	Prof. A. Balasubramanian	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
66	BA. B Com	Multidisciplinary	UG	International Tourism Destinations	Dr. Sridevi Kulenur	04.07.2022	25.09.2022	University of Mysore, Mysuru, Karnataka	4
67	BA. B Com	Multidisciplinary	UG	Tourism and Travel Management	Mr N. Roopesh Kumar	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
68	BA. B Com	Multidisciplinary	UG	Tourism Resources of India	Prof. H. Rajashekar	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
69	BA. B Com	Multidisciplinary	UG	Tourism Transport and Travel Services	Mr Srikanth K S	04.07.2022	25.09.2022	University of Mysore, Mysuru, Karnataka	4



**List of Courses for July-Dec. 2022 Semester**

Sr. No.	Degree Prog.	Subject	Level of the Course (UG.PG)	Course Title	Name of the Course Coordinator	Start date	End date	Host university	No of Credits
70	MSc.MA	Earth Sciences	PG	Water Resources and Watershed Management	Dr. Harish Gupta	11.07.2022	30.10.2022	Osmania University, Hyderabad (Telangana)	4
71	M.Sc..MB A	Tourism	PG	Tourism Planning and Sustainable Development	Prashant Kumar Gautam	18.07.2022	31.10.2022	Panjab University, Chandigarh	4
72	MA.M.Sc. (PG)	Psychology	PG	Counseling Psychology	Dr. Mamta Sharma	18.07.2022	31.10.2022	Punjabi University, Patiala (Punjab)	4
73	B.Sc Visual Communication	Journalism and Mass Communication	UG	Photojournalism	Dr. Radhika Khanna	18.07.2022	31.10.2022	Pondicherry University, Pondicherry	5
74	Multidisciplinary	Multidisciplinary	PG	Academic Writing	Dr. Ajay Semalty	11.07.2022	30.10.2022	H.N.B. Garhwal University, Srinagar (Uttarakhand)	4
75	B.Sc Visual Communication	Journalism and Mass Communication	UG	Media Laws & Ethics	Dr. S. Arulselvan	18.07.2022	31.10.2022	Pondicherry University, Pondicherry	3
76	BA	Political Science	UG	Indian Political Thought-II	Dr. Homen Thangjam	11.07.2022	09.10.2022	Manipur University, Imphal, Manipur	5
77	BA	Political Science	UG	United Nations and Global Conflicts	Dr. Arambam Noni Meetei	11.07.2022	30.10.2022	Manipur University, Imphal, Manipur	6
78	B.Com..BB A.BA	Economics	UG	Micro Economics	Dr. M. Vasim Khan	28.07.2022	29.10.2022	Devi Ahilya Viswavidyalaya, Indore (M.P.)	4
79	B.A. Economics	Economics	UG	Principles of Macroeconomics-I	Dr. Kamlesh Gakhar	11.07.2022	30.10.2022	Maharshi Dayanand University, Rohtak (Haryana)	4
80	MBA (Public Administration)	Public Administration	UG	NGO'S and Sustainable Development	Dr.L.Suganthi	08.07.2022	23.09.2022	Anna University, Chennai (Tamilnadu)	3
81	B.A. (Hon.)	Economics	UG	Introductory Econometrics	Dr. Deb Kumar Chakraborty	11.07.2022	30.10.2022	Dibrugarh University, Dibrugarh (Assam)	4
82	BA	Economics	UG	Econometrics	Partha Pratim Ghosh	25.07.2022	24.11.2022	St. Xavier's College, Kolkata (W.B.)	4
83	B.A	Economics	UG	Econometric Methods	Dr.S. Pushparaj	13.07.2022	02.10.2022	M.K.University, Madurai (Tamil Nadu)	4
84	B.A	Sociology	UG	Indian Society – Social Problems & Issues	Dr.Sobhana Mishra	13.07.2022	02.10.2022	M.K.University, Madurai (Tamil Nadu)	4
85	BA	Humanities and Social Sciences	UG	Biogeography	Dr P T Bharathi	04.07.2022	18.09.2022	University of Mysore, Mysuru, Karnataka	4
86		Sociology	UG	Rethinking Development	Dr.Satyapriya Rout	11.07.2022	30.10.2022	University of Hyderabad, (Telangana)	
87	MA	Public Administration	PG	Introduction to Public Administration	Ajmer Singh Malik	18.07.2022	30.10.2022	Chaudhary Devi Lal University Sirsa (Haryana)	4
88	MA	Public Administration	PG	State and Local Governance: Machinery & Processes	Ajmer Singh Malik	18.07.2022	30.10.2022	Kurukshetra University Kurukshetra (Haryana)	4
89	B.A	Public Administration	UG	Fundamentals of Citizen centric Governance	Dr. Rajkumar Siwach	11.07.2022	30.10.2022	Kurukshetra University Kurukshetra (Haryana)	4
90	PG	Economics	PG	Mathematical Economics	Ms. Sikha Ahmad	22.07.2022	31.10.2022	Doon University, Dehradun (Uttarakhand)	4
91	BA	Understanding South Asia in India	UG	Understanding South Asia	Dr Khalid Wasim Hasan	01.07.2022	01.12.2022	University of Kashmir, Srinagar (J&K)	4
92	B. Pharmacy	Multidisciplinary	UG	Industrial Pharmacy-I	Dr. Ajay Semalty	25.07.2022	22.10.2022	H.N.B Garhwal University, Srinagar, Garhwal	4
93	M.Lib	Library and Information Science	PG	Digital Library	Dr. Jagdish Arora	01.07.2022	30.12.2022	Central University of Himachal Pradesh, Dharamsala, Himachal Pradesh	5
94	BA	English	UG	Basic Course in Literary and Cultural Theory	Dr. Josepheni Joseph	25.07.2022	25.10.2022	University of Calicut (Kerala)	4
95	BA	English	UG	Indian Writing in English	Dr. Bindu Ann Philip	06.07.2022	05.10.2022	University of Calicut (Kerala)	4
96	BA and CoP	French	UG	Proficiency Course in French	Dr.Kanchan Chakravarty	08.01.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	5
97	BA and CoP	Russian	UG	Proficiency Course in Russian	Dr Pusp Ranjan	08.01.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	4
98	MA	Hindi	PG	Hindi Bhasha ka Udbhav aur Vikas	Dr. Ganga Sahay Meena	11.07.2022	30.10.2022	JNU, New Delhi	4
99	B.A	Hindi	UG	Hindi Sahitya ka Itihaas	Prof Subhash Chander	11.07.2022	30.10.2022	Chaudhary Devilal University, Sirsa (Haryana)	4
100	LL.B.	LAW	UG	Law Relating to Companies, Securities, Insolvency and Bankruptcy in India	Prof. (Dr.) G. B. Reddy	08.08.2022	31.10.2022	EFL University, Hyderabad (Telangana)	4
101	LL.M	Law	PG	Access to Justice	Dr. Bharti Yadav	01.07.2022	30.04.2022	National Law University, Delhi	4
102	M.A. LLB	Law	PG	Law and Justice in a Globalising World	Prof. Srikrishna Deva Rao	12.07.2022	31.10.2022	National Law University, Delhi	4
103	B.A. LL.B. .PG	Law	PG	Intellectual Property	Dr Yogesh Pai	04.07.2022	15.10.2022	National Law University Delhi	4
104	LL.M	Corporate Law	PG	Corporate Law	Prof. Harpreet Kaur	01.07.2022	14.10.2022	National Law University Delhi	4
105	BA	Law	UG	Administrative Law	Dr. Deepak Kumar Chauhan	11.07.2022	30.10.2022	Central University of Punjab, Bathinda (Punjab)	4
106	B. Sc	Mathematics	UG	Differential equations	Mr.Mohamed Nishad Maniparambath	18.07.2022	21.10.2022	University of Calicut (Kerala)	4



**List of Courses for July-Dec. 2022 Semester**

Sr. No.	Degree Prog.	Subject	Level of the Course (UG/PG)	Course Title	Name of the Course Coordinator	Start date	End date	Host university	No of Credits
107	B.Sc.	Mathematics	UG	Real Analysis	Dr. Surajit Borkotokey	11.07.2022	30.10.2022	Dibrugarh University, Dibrugarh (Assam)	4
108	M.Sc.	Mathematics	PG	Partial Differential Equations	Alaka Das	04.07.2022	03.10.2022	University of Calcutta, Kolkata (W.B.)	4
109	M.Sc.	Mathematics	PG	Numerical Analysis	Dr. Madhumangal Pal	15.07.2022	14.11.2022	University of Calcutta, Kolkata (W.B.)	4
110	M.Sc.	Statistics	PG	Introduction to R	Dr. Santu Ghosh	04.07.2022	03.10.2022	University of Calcutta, Kolkata (W.B.)	4
111	PG	Mathematics	PG	Biostatistics and Mathematical Biology	Dr. Felix Bast	01.07.2022	01.10.2022	Central University of Punjab, Bathinda (Punjab)	4
112	M.Sc.	Mathematics	PG	Operations Research	Prof. Bibhas Chandra Giri	18.07.2022	30.10.2022	University of Calcutta, Kolkata (W.B.)	4
113	B.B.A..B.Com.	Generic	UG	Financial Accounting	Dr. Manish Sitlani	28.07.2022	29.10.2022	Devi Ahilya Viswavidyalaya, Indore (M.P.)	4
114	BBA	Management	UG	HRM for NON-HR Managers	Prof. (Dr) Margie Parikh	25.07.2022	17.10.2022	Gujarat University, Ahmedabad (Gujarat)	4
115	B.A (HONS) Business Economics	DSE-7 Indian Financial Market and Services Syllabus	UG	Indian Financial Markets and Services	Dr.Pradip Prajapati	25.07.2022	17.10.2022	Gujarat University, Ahmedabad (Gujarat)	2
116	BBA & B.Com	Management & Other professional courses	UG	Advertising and Brand Management	Dr.Mamta Brahmabhatt	11.07.2022	30.10.2022	Gujarat University, Ahmedabad (Gujarat)	3
117	B Com	Commerce	UG	Forms of Business Organisation	Bhavana. U. B	25.07.2022	28.08.2022	University of Calicut (Kerala)	2
118	B.A	Marketing	UG	Retail Business Management	Dr Meeta Nihalani	01.07.2022	01.10.2022	Jai Narain Vyas University, Jodhpur, (Rajasthan)	4
119	M.Com. MBA	Management Studies	PG	Supply Chain Management	Prof. P. Chitramani	01.07.2022	30.10.2022	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Tamil Nadu)	4
120	B. Com	Management Studies	UG	Business Research Methods	Dr. G Parameshwari	04.07.2022	11.09.2022	University of Mysore, Mysuru, Karnataka	4
121	B. Com	Management Studies	UG	Business Statistics	Dr. Manju S	04.07.2022	11.09.2022	University of Mysore, Mysuru, Karnataka	4
122	B Com	Management Studies	UG	International Business	Dr.Ashwini.S	04.07.2022	11.09.2022	University of Mysore, Mysuru, Karnataka	4
123	MBA. MCOM	Management	PG	Digital Marketing	Dr Tejinderpal Singh	18.07.2022	05.11.2022	Punjab University Chandigarh	4
124	B. Sc	Natural Science	UG	Geochemistry	Dr. H Thomas	04.07.2022	31.10.2022	Dr Harisingh Gour Vishwavidyalaya Sagar (M.P.)	4
125	B.Sc Home Science	Textiles & Clothing	UG	Apparel Designing	Dr. A. Sarada Devi	25.07.2022	31.10.2022	EFL University, Hyderabad, (Telangana)	4
126	B.Sc Zoology	Zoology	UG	Endocrinology	Dr. Manzoor A. Mir	01.07.2022	01.09.2022	University of Kashmir, Srinagar (J&K)	4
127	B.Sc	Biochemistry, Biotechnology	UG	Biomembranes and Bioenergetics	Binapani Chingtham	11.07.2022	18.09.2022	Manipur University, Imphal, Manipur	4
128	BA	Physical Education and Sports Science	UG	Sports Administration and Management	Dr. M. Chourjit	11.07.2022	11.09.2022	Manipur University, Imphal, Manipur	3
129	BA	Human Rights	UG	Human Rights and Humanitarian Law	Dr. N. Pramod	11.07.2022	18.09.2022	Manipur University, Imphal, Manipur	4
130	BBA	Management	UG	Personality Development	Dr. Sweta Sanjog Metha	11.07.2022	30.10.2022	Savitribai Phule Pune University (SPPU), Pune (Maharashtra)	4
131	B.com.	Economics	UG	Macro economics	Dr. Manasi Kurtkoti	11.07.2022	30.10.2022	Savitribai Phule Pune University (SPPU), Pune (Maharashtra)	3
132	BA	Performing Arts	UG	Indian Classical Dance - Kathak	Pta. Maneesha Sathe	11.07.2022	30.10.2022	Savitribai Phule Pune University (SPPU), Pune (Maharashtra)	4
133	B.com.	Management Studies	UG	Fundamentals of Office Management and Methods	Dr. Rupali Sheth	11.07.2022	30.10.2022	Savitribai Phule Pune University (SPPU), Pune (Maharashtra)	4
134	B.A.L.L.B (Hons)	Sociology of Gender	UG	Sociology of Gender	Dr. Jasleen Kewlani	11.07.2022	30.10.2022	Rajiv Gandhi National University of Law Punjab, Patiala	4



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**Dharmendra Pradhan** @dpradhanbjp · 12h

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**Mamidala Jagadesh Kumar** @mamidala90 · Oct 11

Aditya Wadhawan, Education Times (Times of India) writes: "Unification of UGC, AICTE and NCTE to streamline higher education domain. The merger of the three regulatory bodies will end the existence of multiple regulations that universities and colleges have to struggle with."

**Unification of UGC, AICTE and NCTE to streamline higher education domain**

The merger of the three regulatory bodies will end the existence of multiple regulations that universities and colleges have to struggle with

**Aditya Wadhawan** @adityawadhawan

**HECI will help in transforming the overall functioning of the higher education system in the country**

The University Grants Commission (UGC) and the All India Council of Technical Education (AICTE) are working together to synchronise the regulations and policies. This will ensure a single regulatory window for higher education in the country.

Since, the UGC, AICTE and the National Council of Teacher Education (NCTE) will be merged into the Higher Education Commission of India (HECI), the Union government is set to introduce a bill in the coming winter session.

The initiative will help students pick from a wide variety of subjects, as the disciplinary boundaries between subjects would blur and pave the way for adopting a multidisciplinary approach to education. The merger of the three bodies is in sync with the objectives of NEP 2020.

Speaking to *Education Times*, M. Jagadesh Kumar, chairperson, AICTE, said:

Currently, scope of the course such as the BBA and MBA, which are in the same discipline, are regulated by two different bodies. Regulations related to teachers are also managed separately. All such differences due to multiple regulations will get ironed out by the merger of the three bodies, adds Kumar.

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UGC and AICTE would largely focus on areas like giving approval to courses and institu-

ties, faculty development, ODE and online education, education in Indian languages, inter college, multiple entry and exit and internationalisation of education. "The merger of all three bodies will ease academic operations and transactions benefiting all stakeholders. All these bodies have started aligning their activities with one another and are bringing parity in their rules and regulations so that the impending merger is smooth. As far as the domain of technical education is concerned, technical education is a common discipline and students will enjoy the autonomy to offer multidisciplinary and double education which will ensure that technical graduate needed by the industry are well-rounded," informs Kumar.

UGC and AICTE would largely focus on areas like giving approval to courses and institu-

**UGC INDIA** @ugc\_india · Oct 6

Webinar on Prevention of Cybercrime & Adoption of Cyber Hygiene & launch of Syllabus of Cyber Security Course at UG and PG level on 6th October, 2022 from 3pm onwards.

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Webinar on Prevention of Cybercrime/Adoption of Cyber Hygiene & launch of Cyber Security Course

**Mamidala Jagadesh Kumar** @mamidala90 · Oct 10

Amrita Madhukalya of Deccan Herald writes: "UGC Reforms - Autonomous colleges can frame courses soon".

**Mamidala Jagadesh Kumar** @mamidala90 · Oct 10

To push autonomy for colleges, UGC set to amend guidelines

indianexpress.com

To push autonomy for colleges, UGC set to amend guidelines

UGC chairperson Prof M Jagadesh Kumar said the Commission has approved draft regulations in this regard which will be made public for ...





## 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: <http://cec.nic.in> and on <http://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.

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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 - 21**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**

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**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

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## SCORPIO

NOV  
14

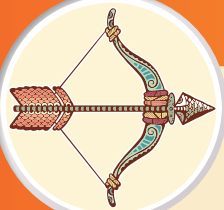


Asif Saleem  
Technician (Sound Recordist)

Ambitious, dominating, passionate, intuitive, creative. Scorpio usually is a good judge of character. If they don't trust you, it is usually for a good reason.



Optimistic, idealist, adventurous, philosophical. Sagittarius is interested in what is possible and what is on the horizon, rather than what has already been done.



## SAGITTARIUS

NOV  
27



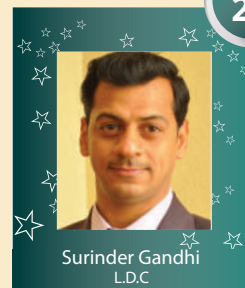
T.C. Saikia  
Engineer (Broadcast)

NOV  
28



Vikas Upadhyay  
Maintenance Engineer

NOV  
29



Surinder Gandhi  
L.D.C.

NOV  
29



Mukul Rewari  
M.T.S.

C&C wishes you all a very



Happy  
Birthday





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