

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF EDUCATION

Rajamahendravaram, E.G.Dt, AP

Organised by

University college of Education

TWO DAY NATIONAL WEBINAR ON

**DIGITAL TECHNOLOGY IN EDUCATION :
CONCERN AND CONSEQUENCES**

11th & 12th Nov, 2020, 10.30AM to 12.30PM

CONVENER

Dr.G.Elisha Babu

Assistant Professor & Course Co- Ordinator

University College of Education,

Adikavi Nannaya University

INTRODUCTION

India is far behind some developing countries where Digital Education is getting increased attention. In countries where e-learning is popular, students have access to various online resources such as Massive Open Online Courses (MOOCs) which help the students. Academicians and professionals have to upgrade their skills. Digital Technology promotes learner autonomy and enables students to acquire knowledge. Indian education needs to take steps to lead the way in online education seriously and promote it earnestly.

Education must continue and students should keep on learning. Teachers should think creatively and introduce innovative ways, in a country where access to internet and high-speed connectivity is a problem and the digital divide is an issue. It is in this context of Covid-19 pandemic the teachers should seriously think and address the problems in digital domain. Developing various digital strategies by teacher is the need of the hour. Those who are involved in educational planning and administration should give serious thought to reduce the digital divide in the country and popularise digital learning.

As envisaged by the National Educational Policy 2020, education will play a critical role through information technology. It will play an important role in the improvement of educational processes and outcomes. Their relationship between technology and education is bidirectional. Teacher education is truly vital in creating the team of teachers that will shape the next generation. Teacher preparation is an activity that requires cutting edge technology in its process, for, these teachers are retrained and exposed to digital technology. The webinar proposes to Initiate discussion and deliveration in the follow sub themes as well.

Objectives

1. To provide Digital Technology in Education: School Education, Secondary Education and Higher Education.
2. To deliver Mobile-Learning, Machine Learning and Social Media as a Tool in Education.
3. To promote Artificial Intelligence and its Role in Education.
4. To determine E-Learning in Education.
5. To understand NEP-2020 in Relation to Digital Technology.
6. To encourage Massive Open Online Courses (MOOCs) in Education.
7. To support strategies Role-Modelling in the Context of Digital Education.
8. To know the recent Innovative Pedagogy in Digital Learning.
9. To identify Problems and Prospects in Digital Learning.
10. To know the Status of Digital Technology in India.
11. To discuss on Impact of Digital Technology in Research and Development.
12. To create appropriate Approaches of Teacher-Preparation in the Context of Digital Classroom.
13. To discuss on Web-Based Learning in Education.
14. To expand Embedded Learning in Teacher Education.
15. To know the Impact of online teaching and learning in rural and scheduled areas.

Organizing Committee:

CHIEFPATRON:

Prof. Mokka Jagannadha Rao

Vice-Chancellor

Adikavi Nannaya University

Rajamahendravaram

Patron :Prof.B.Gangarao

Registrar

Adikavi Nannaya University

Rajamahendravaram

Chairman : Prof.Kondru Subba Rao

Principal

University College of Education

Dean, Faculty of Education

Chairman, BOS in Education (UG & PG)

Adikavi Nannaya University

Rajamahendravaram

CONVENER

Dr.G.Elisha Babu

Assistant Professor

University College of Education

Adikavi Nannaya University

Rajamahendravaram

Co Conveners:

R.Sambasiva Rao, Assistant Professor,,UCEd

Dr.M.Gopala Krishna, Assistant Professor,,UCEd

V.Rama Krishna, Assistant Professor,UCEd

J.Raja Mani, Assistant Professor,UCEd

Dr.N.Sujata, Assistant Professor,UCEd

Dr.R.S.Varahala Dora, Assistant Professor,UCEd

K S.Rajeswari Devi, Assistant Professor,UCEd

DAY-1: 11-11-2020

Commencement of the Webinar: 10.30 AM

- Convener's opening Remarks - Dr.G.Elisha Babu, Asst.Prof, UCED
- Chairman's Greetings - Prof.K.Subbarao, Principal, UCED
- Introducing the Chief Guest - Smt.J.Rajamani, Asst.Prof, UCED
- Chief Guest Message - Prof. M. Jagannadharao, Vice-Chancellor,
Anur.
- Introducing the Key Note Addresses - Sri.R.Sambasivarao, Asst.Prof, UCED
- Key Note Address - Prof.K.P.Subba Rao, Project Director,
ICSSR
- Introducing the Plenary Session Speaker - Sri.V.Rama Krishna, Asst.Prof, UCED
- Plenary Session -1 Talk - Prof. B.Ramesh Babu, Dean, DE, RIE,
Bhopal
- Technical Session Organizer - Dr.M.Gopala Krishna, Asst.Prof, UCED
- Paper presentation - Total 4 members.
- Vote of Thanks - Smt.K.S.R.Rajeswari Devi, Asst.Prof, UCED

DAY-2: 12-11-2020

Commencement of the Webinar: 10.30 AM

- Convener's opening Remarks - Dr. G. Elisha Babu, Asst.Prof, UCED
- Introducing the Plenary Session Speaker - Sri.R.Sambasivarao, Asst. Prof, UCED
- Plenary Session -2 Talk - Prof. K.Pushapanadham,
Dept. of Educational Administration,
M. S. University, Baroda.
- Introducing the Plenary Session Speaker - Smt. K.S.R.Rajeswari Devi, Asst .Prof, UCED
- Plenary Session -3 Talk - Dr.V.Persis, Principal, UC Engg, Anur.
- Introducing the Guest of Honor - Smt. J.Rajamani, Asst .Prof, UCED
- Valedictory Address - Prof. Ganga Rao Battu, Registrar, Anur..
- Technical Session Organizer - Dr. R. S. Varahala Dora, Asst.Prof, UCED
- Paper Presentation -Total 10 members.
- Vote of Thanks - Sri. V. Ramakrishna, Asst. Prof, UCED

Resource Persons Bio-Data: Prof K.P.Subba Rao,

I am so pleased to be with you today and to have the opportunity to introduce our special guest who is going to deliver keynote address on this webinar. This task of introducing our guest Prof.K.P.Subbarao garu is a great privilege. Prof.K.P.Subbarao garu is a man of virtue and simplicity, I feel elated to introduce him to everyone. He has been an inspiration to everyone because not only that he is hard working and dedicated to his job but also because of his passion in the field of education and research.

Coming to his educational qualifications, he got Ph.D in Education from Andhra University for his research “Political Participation of Students of Andhra University Campus with reference to Communication of Views and Issues”. He got UGC (JRF), from Govt. of India, New Delhi. He completed his master’s in education and Public administration from Andhra University.

In his service he held several administrative positions in Andhra University.

1. Head of the Department, Dept of Education 2004-2007
2. Dean, Faculty of Education 2007-2011
3. Special Officer, Tadepalligudem campus 2010-2011

He had vast Professional experience which reflects his virtue.

1. Resource Person, Academic Staff College, Andhra University, Visakhapatnam
2. Resource Person, SPV Mahila Viswa Vidyalayam, Tirupati
3. Resource Person, S.K. University, Ananthapur
4. Resource Person, Dr.B.R.Ambedkar Open University, Hyderabad.
5. He is expert in Preparing comprehensive program reviews, students learning outcomes, the identification of needs
6. Also he is expert at Writing research proposals.

He had several administrative positions and memberships

1. Regional Co-Ordinator, EdCET, 2009
2. Co-Convener, EdCET, 2007&2008
3. Member B.Ed. Admissions Committee 2005-06
4. Member Advisory Committee Intel, APCHE
5. Advisor, Green Corps, Government of Andhra Pradesh
6. Member, BOS, S.K University, Ananthapur.
7. Member BOS, Dravidian University, Kuppam.
8. Member, BOS, Sri Padmavathi Mahila (Women) University, Tirupati.
9. Visiting Professor, Sri Padmavathi Mahila (Women) University, Tirupati.
10. Member, Editorial Board, Upadhaya Pragathi, Organ of Andhra Pradesh Teachers Federation (APTF).
11. Member, presidium in AP Save Education Committee.
12. Councilor, All India Association for Teacher Federations.
13. Joint Secretary, All India Association for Educational Research.
14. Joint Secretary, Indian Institute of Public administration, Visakhapatnam Chapter.

He is the member of several PROFESSIONAL ORGANIZATIONS

1. Life Member, All India Association for Educational Technology.
2. Life Member, All India Association for Educational Research.
3. Life Member, Rajasthan Council of Educational Administration and Management.
4. Life Member, Indian Institute of Public Administration.
5. Life Member, Indian Association of Mass Education and Development.
6. Member, Andhra University Teachers’ Association

With his expertise he is the COURSE DESIGNER and Text Book author for

1. Andhra University, Visakhapatnam.
2. Dr, B.R.Ambedkar Open University, Hyderabad
3. S.P.Mahila Viswavidyalayam, Tirupati.
4. Telugu Academy Hyderabad.
5. Acharya Nagarjuna University, Guntur.
6. State Council for Educational Research and Training (SCERT) Hyderabad

He participated and presented papers in huge number of seminars. He published more than 20 research papers in reputed journals and edited books. He is the author of 8 books published with ISBN number. He delivered special talks at various institution in all over the state.

FOREIGN COUNTRIES VISITED

- United States of America (USA) 2011 – 2012.

2. RESEARCH EXPERIENCE

3. Projects Completed: **Social Exclusion of Scheduled Tribes in Higher Education in the North Coastal Districts of Andhra Pradesh** (sanctioned by ICSSR, New Delhi)
4. **Research Guidance:**

Area	PhD	M.Phil
Research Areas Guided		
School Education	12	13
Higher Education	05	04
Teacher Education	06	03
Physical Education	02	--
Special Education	01	01
Tribal Education	05	02
Women's Education	01	-
Total	32	23

It reflects his calibre in research

At present he is the **Emeritus Professor, Department of Education, Andhra University, Visakhapatnam-**

Resource Persons Bio-Data: Prof. B.Ramesh Babu

Prof. B.Ramesh Babu garu, was born in Warangal, Telengana. He completed his school education in Warangal. He got much more educational qualifications, **Prof. B.Ramesh Babu** garu, obtained graduation (B.A.) and Post Graduation (M.A) from Kakatiya University and He obtained another PG (M.A) in area of Human rights in Education, in Central University of Hyderabad. and He got PhD in area of Gandhian Philosophy and Ivanillich de-Schooling Society.

Professional Experience:

Prof. B.Ramesh Babu garu, started his career as Assistant Professor in Kakatiya University for a decade. Later he joined in NCERT in 2002 as Associate Professor.

He has 25 years much more experience in teaching and Educational Research

Presently, he is working as Prof, Dean-Research Regional Institute of Education (RIE) NCERT, Bhopal.

He is a great Author.

He wrote many Famous Books Regarding Education and 15 Articles Published in International Journals.

He translated Pedagogy of oppressed written by Paulo Farie

As a convener, Prof. B. Ramesh Babu has been organized many Regional and National Seminars Regarding Education.

He attended 10 National seminars as Expert Resource Person.

He conducted many Research Projects of NCERT, MHRD, and UNESCO.

Research Experience:

He is giving research guidance to the so many scholars for Ph.D. Under his guidance: 06, Ph.Ds Awarded

He worked as Member of multiple Curriculum development committees.

He organized so many in Service Teacher Education Programmes

He guided many teacher organizations regarding development of curriculum construction.

He made a contributed in his writings/ Ideas for Shaping NCF 2015

He wrote so many chapters for Philosophy of Education at M.Ed Bhoj open University in MP, and finally he is having good passion in reading books and he is playing games TABLE-TENNIS and Volleyball.

Resource Persons Bio-Data: Prof. K.Pushpanadham

- He got Ph.Din 2002 from Maharaja Sayajirao University of Baroda for the research work in the area of Decentralization of Educational Management.
- Post-graduation in Sociology (M.A- Sociology), Devi Ahilya Viswa Vidyalaya, Indore, 1999.
- Master of Philosophy (M.Phil in Education) from Maharaja SAYAJIRAO University of Baroda 1996.
- Post-graduation in Education (M.Ed) in 1993 from Regional College of Education, Mysore, a constituent college of National Council of Educational Research and Training (NCERT), New Delhi..
- Graduate in Teaching and Education (B.Ed) – (Methods of Teaching Mathematics and Sciences) First Class from Andhra University, Visakhapatnam 1991.
- Graduate in Science (B.Sc) with Mathematics, Physics and Chemistry from Andhra University, Visakhapatnam 1990.

Workexperience

He started his career in Maharaja Sayajirao University of Baroda as Assistant Professor 1997

Later he promoted as Associate Professor in 2006 and he is the professor in the same university since 2012

In 2005-06 he is the Director, E-learning Programs, and Dean, International Affairs of The Assumption University, Bangkok, Thailand

In 2007-08 he is the Guest Professor at Stockholm University, Institute of International Education, Sweden

Swedish Institute (SI)

He had several administrative positions and Memberships in professional bodies in his career till now.

- Member of the Senate of the Maharaja Sayajirao University of Baroda (2012).
- Member of Academic Board, School of Education, Tezpur University, Assam.
- Member of Academic Board, Indira Gandhi National Open University, New Delhi.
- Member of Resource Team of various organizations like NAAC, UGC, NCTE, NCERT, NIEPA etc.

- Swedish Institute's Guest Fellowship at the Institute of International Education (IIE), Stockholm University, Sweden.
- SASNET Visiting Scholar Fellowship at School of Education, Jonkoping University, Sweden.
- Erasmus Mundus Visiting Professor fellowship at the Department of Education, Aarhus University, Denmark.
- Active Member of E-ASEM of ASEM Lifelong Learning Hub, University College Cork, Ireland.
- Academic Consultant to British Council on Global Teacher Accreditation Programme (GTA), India.
- Member of the Research Group of Education for Rural Transformation, Department of Education, Stockholm University, Sweden.
- He is associated with Indo-Danish Academic exchange Programme on Education for Global Citizenship with Ester schools of Denmark.
- Visiting Professor at the Assumption University and Burapah University in Thailand.
- Directed International Training Programmes (ITP) with Life Academy, Karlsted, Sweden sponsored by SIDA on ICT and Pedagogic Development.
- Directed an International Training programme for the District Education Officers of Afghanistan funded by Swedish Committee for Afghanistan, SIDA.
- At present he is the Member of the Senate, National Institute of Fashion Technology, Ministry of Textile, Government of India (2020).
- Co-ordinator of DSA-I Research Project of University Grants Commission, Government of India in the Department of Educational Administration (2020)
- Dean of Students and Dean of Sports, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda (2020).

Member of School Management Boards of various International Schools.

Board of Advisor of International Schools

Member of Board of Studies in Education

Member of Editorial Board of Various National and International Journals

- He completed several projects of UGC and other organisations

LATEST PROJECTS

- A Study on the Perceptions of Students on Assessment Practices in Higher Education under UGC/DSA-I research grants 2018-20
- Digital Repository on Researches in Educational Management at All Levels under UGC/DSA-I research grants 2019-20

- Development of MOOCs On: Policy making in Education & Curriculum Development under UGC/DSA-I research grants 2019-20
- Case Studies of Successful Women in Educational Management under UGC/DSA-I research grants 2017-20
- A Study on the Career Aspirations of Women in Higher Education under UGC/DSA-I research grants 2019-20
- Interdisciplinary Research in Educational Management under UGC/DSA-I research grants 2019-20
- Academic Management in the Universities of North East Regions of India funded by DSA/UGC, 2017-18.
- Teaching and Learning in Indian Higher Education, research project funded by NUEPA, New Delhi, 2015-16
- Identification of training needs of Rural Primary school teachers, Project funded by Reach to Teach Organization, UK. 2013-15
- International Collaborative Project on Education for rural Transformation with Institute of International Education, Stockholm University, Sweden. 2010-2012
- Commissioned Research Project titled “A Critical Analysis of International Baccalaureate Primary Year Programme in India” by International Baccalaureate Organization, Singapore. 2011-2012
- Creating Safe School Environment: Capacity Building of School Principals, Change Project supported by SIDA, 2011-2012
- Management of Tribal Education: A Case Study of Ekalavia School in Gujarat, under DRS/UGC Programme. 2009
- He published number of research articles in reputed international journals and Scopus indexed journals. Really this reflects his calibre in the field of research in education, educational administration and psychology

Recent Publications

- Teacher Education in Global Era: Perspectives and Practices, Springer Publications, 2020
- Massive Open Online Courses: The Emerging Landscape of Digital Learning in India- A Monograph for the IIEP-Paris 2017. Commissioned paper by UNESCO
- Student Assessment in Higher Education, chapter in the book IHER-2017, Sage Publication, New Delhi.(2017)
- Equity and Quality in Indian Higher Education in the era of Globalization: Some Reflections, Chapter published in a book titled Globalization: A Challenge to Educational Management, Sarup and Sons Publications, New Delhi, 2012, ISBN: 978-81-7625-830-2.

- Skill Development and Economic Sustainability among Rural People: Policies, Programs, Impact and Future Challenges in India, Chapter in a Book titled “Strategies to Achieve Balanced Inclusive Educational Development”, published by IIE, Stockholm University, Sweden. 2012, Page: 145-158.ISBN:978-91-979971-9-5.
- Teacher Education Programs In SAARC Countries: A Comparative Study, Article Published in an International Journal titled “International Forum of Teaching and Studies”, American Scholars Press, Chicago. 2011, page: 32 Vol. 7 No. 2, 2011.ISSN 1555-872X.
- Strengthening Teacher Education through INTEL ICT Initiatives in India. International Journal of Multidisciplinary Thought. Vol. 1, No. 7, pp.79–89. 2011,ISSN: 2156-6992.
- Education for Rural Transformation: Realities and Challenges in India, Chapter in a Book titled “Education for Rural Transformation (ERT) National, International and Comparative Perspectives”, published by IIE, Stockholm University, Sweden. 2011, Page: 155-165. ISBN: 978-91-977959-9-9.
- Cybernetics of e learning Features and Prospects, Technology Integrated Education, CASE, Baroda. Jan 2008.
- Instruction in Higher Education: A Journey from Traditional Methods to Virtual Environments, University News, Vol. 46, No. 2008.
- Understanding Social Phenomena through Ethnography: Implications to Research in Education, Qualitative Research in Education, Jan. 2007, CASE, Faculty of Education and Psychology, The M.S. University of Baroda.
- Integrating Techno-Pedagogic Skills in Teaching Education Programs: Indian Experiences, International Forum of Teaching and Studies Vol.2 No.1 Printed in USA. 2006.
- Education for Sustainable Development: Implications for Teacher Education, International Forum of Teaching and Studies, vol. 3, No. 3, Nov. 2007, American Scholar Press Inc., Chicago, USA.
- Digital Learning: A Reality of Individualized Instruction, in Proceedings of the Conference, International conference on Digital Media and Learning 2006 (ICDML 2006), Bangkok, Thailand Tertiary Education and Technology: A New Pedagogical Paradigm, Edutracks, vol.4, no.9,May,2005.
- Equity and Equality in Indian Higher Education: Edutracks, vol.5,no.1, Sept. 2005.
- Integrating ICT into school Education: A Lesson from the successful experience of Singapore”, Pub. Quality Concerns in Education, CASE, Faculty of Education and Psychology, The M.S.University of Baroda, 2005-06.

Under his able guidance 10 scholars were awarded Ph.D and currently 6 scholars pursuing their Ph.D.

Resource Persons Bio-Data: Dr.V.Persis.

- Name : V PERSIS
2. Designation : Associate Professor
3. Department : Computer Science and Engineering
4. Date of Joining ANUR Service : 01 Nov 2008
5. Mobile No : 9866492711
6. Mail ID : persisvoola@yahoo.co.in;
persisvoola.cse@aknu.edu.in
7. Qualifications :MCA PhD (CSE)
8. Field of Specialization : Software Engineering
9. Subjects of Interest(teaching) : Object Oriented Software Engineering, Requirements Engineering, Artificial Intelligence, IoT, Blockchain Technology.
10. No of Scholars :
- a) Awarded with PhD : Nil
- b) Working for PhD : 01
11. Awards Received : Best Degree Student Academic and Endowment Prizes, Jawahar Bharathi Degree College, Kavali. Feb 2000.
Associate Fellow, AP Akademi of Sciences. Mar 2016.
Best Faculty in the Category of Contemporary Subjects, CSI Mumbai. Sep 2019.
12. Membership of Professional Bodies: Member, Association for Computing Machinery. Membership# : 0597001
Member, International Association of Engineers.
Membership# : 157398
Life Member, Computer Society of India.
Membership# : I1503281
Life Member, Indian Society for Technical Education.
Membership# : LM111648
13. Member Curriculum Development : Convener,PG Integrated Board of Studies in Computer Science and Engineering. May 2017 to June 2018.
14. Administrative Positions : Head, Department of CSE. Dec 2009 to Apr 2015.
Honoraray Director of Exams, Under Graduate Courses. Oct 2013 to Aug 2017.
Principal, University College of Engineering. July 2017 to till date.
15. Certifications : Data Science: R Basics through edX, June 2018 (Verified Certificate).
Blockchain Architecture Design and Usecases through NPTEL-SWAYAM, Apr 2019 (ID: NPTEL19CS26S61990011).
16. Events Organized : A One Day National Workshop on Soft Computing, Jan 2012.

A Two Day National Seminar on Blockchain and Bitcoin – Solutions and Applications, July 2019

17. Publications

: dblp GoogleScholar

18. Other Distinctions

: Student Branch Co-ordinator, CSI Student

Branch. Sep 2016 to Sep 2017.

UBA Co-ordinator, University College of Engineering. Jan 2020 to till date.



Adikavi Nannaya University

University College of Education
Rajamahendravaram, A.P



National Seminar (Webinar)
on
DIGITAL TECHNOLOGY IN EDUCATION: CONCERNS AND CONSEQUENCES

Date: 11th & 12th Nov, 2020, Time: 10:30 AM to 12:30 PM

Patron



Prof. B.Ganga Rao, Registrar

Chief Patron



Prof. M.Jagannadha Rao
Vice-Chancellor
Adikavi Nannaya University,

Chairman



Prof. K.Subba Rao, Principal

SPEAKERS



Prof. K.P.Subba Rao,
Dept of Education,AU



Prof. K.Pushpanadham,
MS Univeristy,Baroda



Prof. K.Ramesh Babu,
RIE,Bhopal



Dr. V.Presis,
Principal, UCEG

About the University

Adikavi Nannaya University (ANUR) was established in March 2006 by an act of the Andhra Pradesh Legislature (Act 28), Rajamahendravaram, E.G. Dt. A.P. It is Named after Adikavi of Telugu literature Nannaya bhattu, The eleventh century poet laureate. It is the mandate of this affiliating university to promote higher education in the East & West Godavari Districts of Andhra Pradesh. This University aims to combine the pristine cultural ethos and the contemporary demands of education excellence in its vision. The university aspires to address the specific requirements of the region and contribute to its socio-economic development.

About the University College of Education

Visualizing the need for quality Teacher Education, the University College of Education was established in the year 2014. After formal approval of NCTE for the B.Ed., course a Board of Studies was constituted under the chairmanship of Dr.K.Subbaro, Principal, University College of Education, with senior Teachers and Professors of the region as its members. Adhering to the guidelines of NCTE and APSCHE two years B.Ed. course with four Semesters was implemented from the Academic year-2015-16. The college of education prepares students to become effective teachers and enable them for further educational pursuits. The dream of the college of education is to impart quality education with high values and ethics and committed to knowledge skills and value based education. It enable students to actively integrate these attributes into their professional career. Under the able leadership of the hour able vice chancellor we are organise FDP's and webinar's & workshops in the lock-down period.

About Seminar

India is far behind some developing countries where Digital Education is getting increased attention. In countries where e-learning is popular, students have access to various online resources such as Massive Open Online Courses (MOOCs) which help students. Academicians and professionals have to upgrade their skills. Digital Technology promotes learner autonomy and enables students to acquire knowledge. Indian education needs to take steps to lead the way in online education seriously and promote it earnestly.

Education must continue and students should keep learning. Teachers should think creatively and introduce innovative ways, in a country where access to internet and high-speed connectivity is a problem and the digital divide is an issue. It is in this context of Covid-19 pandemic the teachers should seriously think and address the problems in digital domain. Developing various digital strategies by teacher is the need of the hour. Those who are involved in educational planning and administration should give serious thought of reducing the digital divide in the country and popularising digital learning.

As envisaged by the National Educational Policy 2020, education will play a critical role through information technology. It will play an important role in the improvement of educational processes and outcomes. Their relationship between technology and education is bidirectional. Teacher education is truly vital in creating the team of teachers that will shape the next generation. Teacher preparation is an activity that requires cutting edge technology in its process, for these teachers are retrained and exposed to digital technology.

About Seminar

1. Digital Technology in Education: School Education, Secondary Education and Higher Education.
2. Mobile-Learning, Machine Learning and Social Media as a Tool in Education.
3. Artificial Intelligence and its Role in Education.
4. E-Learning in Education.
5. NEP-2020 in Relation to Digital Technology.
6. Massive Open Online Courses (MOOCs) in education.
7. Role-Modelling in the Context of Digital Education.
8. Innovative Pedagogy in Digital Learning.
9. Problems and Prospects in Digital Learning.
10. Status of Digital Technology in India.
11. Impact of Digital Technology in Research and Development.
12. Approaches of Teacher-Preparation in the Context of Digital Classroom.
13. Internet-Web-Based Learning in Education.
14. Embedded Learning in Teacher Education.

Call for Papers:

Researcher conceptual papers are invited from teachers, researcher's scholars and educationist on the listed sub-themes in English language. Selected papers will be reviewed by expert committee and published with ISBN book

Guidelines:

Text of abstracts (200 Words) and full papers in about 3000 words should be in Ms Word with Times New Roman font size 12.

Papers must be self written and they should not be copied and disputed.

The publication of papers the final decision will be taken by organising committee.

Important Dates:

Submission of Abstract and Full Papers on or before 04-Nov-2020.

The abstract and full papers should be sent to the following:

E-Mail Id: ucededucationseminar2020@gmail.com.

Registration Details:

<https://forms.gle/RsUMjbf6LWc78xBt7>

No Registration Fee.

No fee for Seminar(Webinar) Participation/Paper presentation and issues of E-Certificate.

E-Certificate will be issued only after attending all the seminar(Webinar) sessions and submitting feedback form.

Feedback from link will be provided in the Whatsapp group after registration.

Kindly join to the Whatsapp group for further information.

Publication Fee:

Fee for paper publication with ISBN Rs.300/- Only.

Account Details:

G. Elisha babu, A/C No: 20207404568, SBI, Diwancheruvu Branch, IFS Code: SBIN0008819.

Program Schedule:

The seminar(Webinar) is organised on 11th & 12th Nov 2020.

11th Nov 2020 – 10:30 A.M to 12.30 PM

12th Nov 2020 – 10:30 A.M to 12.30 PM

Convener:

G. Elisha Babu, Assistant Professor, UCED, ANUR, Rajamahendravaram.



Co-Conveners:

R. Sambasiva Rao, Dr. M. Gopala Krishna,
Dr. V. Rama Krishna, Dr. N. Sujatha,
Dr. R.S. Varahala Dora, Smt. K.S.R. Rajeswari Devi

No .of Participants: 600

Outcome of the Event:

The discussions during the webinar contributed to a better understanding while addressing key concerns related to Digital Technology in Education: School Education, Secondary Education and Higher Education, Mobile-Learning, Machine Learning and Social Media as a Tool in Education. E-Learning in Education, understand NEP-2020 in Relation to Digital Technology. Web-Based Learning in Education. recent Innovative Pedagogy in Digital Learning, Impact of online teaching and learning in rural and scheduled areas. Problems and Prospects in Digital Learning.

Among these key issues discussed by eminent resource persons deliberately and given very useful information regarding above mentioned topics and also the participants have been acquired good knowledge regarding important digital technology in schools, colleges and teaching process.

Feedback Report: All the participants were actively involved in the webinar. More than 600 participants participated in this webinar, all the participants has given wonderful responses and gave a positive feedback regarding the webinar, As conveners thank to our honourable vice-chancellor Prof. Mokka.Jagannadha Rao, Respected Registrar Prof.B.Gangarao garu and we are very thankful to keynote address Prof.K.P.Subba Rao and Speakers Prof.K.Pushapanadham garu and Prof.B.Ramesh Babu garu &Dr.V.Persis garu, our sincere thanks to Prof.K.Subbarao, Principal, UCED and all the participants to made a grand success of this webinar.

KEY NOTE ADRESS

DIGITAL TECHNOLOGY IN EDUCATION: WHERE DO WE STAND?

Prof. K.P Subba Rao,

Project Director, ICSSR, IMPRESS,

Dept of Education, Andhra University, Visakhapatnam.

Introduction

Education is a fundamental element of human development which opens new vistas and provides access and mobility to the world at large and challenges the same human being with ample opportunities and choices. Every human being with ample opportunities, especially every child has a right to education, to knowledge and to learn. The acquisition of knowledge and information helps an individual to improve his/her own quality of life as well as to participate meaningfully in community life. From the social benefit prospects, education is an investment in human capital and leads to higher productivity and earning power.

Technology in Education

According to Eric Ashby (1967), mankind is now in the midst of the Fourth Revolution in education – the age of electronics, which comprised Radio, Television, audio/video recorder, computer and so on.

The Programme of Action (POA), 1992 has rightly pointed out that several efforts have been made in the past to use technical aids for improving the quality of education. The NPE, 2020 envisages that education will play a crucial role through

Information Technology. It says that the technology and education are in bidirectional. It needs to be filled the void by way of integrating technology with education.

Digital India (DI) is a flagship programme of the government of India with a vision to transform India into a digital empowered society and knowledge economy. The programme was launched on July 1st 2015. One of the major initiative under DI is to make 6 crores households digitally literate by March 2020. Besides the penetration of broadband by the private participation enable the rural mobile services with an accelerated face. In India the social network users are around 351 million in 2019. This figure may slightly vary from time to time.

Digital Technology and Learning

Learning spaces either physical or virtual are to be created. Open learning spaces along with classroom interaction is needed. There are many platforms in the digital form are available in the field of education. For example, Computer aided learning, Mobile learning, Machine learning, Web-based learning, Embedded learning, Artificial Intelligence and Online learning etc. Technology in education is inevitable but technology will never replace a teacher. Human interaction is essential in the classroom.

The teaching learning process is also beset with the old methods of teaching in several schools, colleges and universities. With the advent of new technologies like computer, Internet, LCD projectors some of the schools adapt them to create an effective classroom. Now a day's these classrooms are called smart classes. Technology is an instrument in the classroom to enhance the learning easy and enjoyable. If the teacher is capable of using the technology in the classroom, he will create wonders for his/her own students. Such as the technology which is available now the Information and Communication and Technology (ICT). With the use of ICT the teaching and learning goes electronic which is call E-learning.

Technology has played a prominent role in the development of numerous industries and restructured many businesses today. Still, the impact of technology cannot be measured because it is still transforming the way we do everything. Just like every coin got two sides, technology in the education has its own challenges.

The education is undergoing a transformation because of new technological breakthroughs. This resulted in affecting and impacting the way things are presented and taught in the classroom to the students. Today, it has become a vital ingredient to learning at all educational levels. However, a gap in access to the internet between rich and poor families is leading to dramatic disparities in education success. This gap has come to be known as 'Digital Divide'. Despite the best efforts from government's different levels of digital inequity at play. The disparity in income levels reinforces physical access to digital technologies. It further permeates to skill difference or the ability to use the technology.

Online Education

In the time of Covid -19 pandemic many schools and colleges, universities attempted on-line learning method. It is irony even in the LKG classes the on-line learning has been used to be fun and frolic for little kids. As a matter of fact, the online education has become doom for certain classes of week. Some of the educationists are of the view that it is a ban on the families which are unable to provide even a smart phone. It is an advantage for people who are well off. Hence the facilities like electronic gadgets to be provided first and ensure on line education next.

Concerns and Consequences

Despite the developments made in technology, students are still not receiving the education that can help them survive in today's tech-world. Other factors like infrastructure, corruption and bureaucracy as well as education and technical support. Therefore, it's imperative for educators to be aware of the potential barriers to technology and internet access that students may face. Physical classes are possible as long as they have computers and internet connection.

Another question is that how best we can assure quality, equity inclusivity in our educational institutions. As we know teaching is an art. The teacher presents the material through this art. Teaching well means helping students learn well by producing good quality of materials. Using digital technology in the class room provides lot of material to the lot of students in number. Some of the states like Tamil- Nadu and Kerala

have already hosted curriculum based video lessons on the Internet, after beaming them on television.

It must also concern governments that the digital divide stands out. Starkly once again the survey of ASER, 2020 found 43.6% of students in government schools without access to a smart phone, while 67.3% of those who received learning materials in these institutions got them over What's App underscoring the role played by gadgets and connectivity. On the other hand, half of the children got help with studies at home. It demands more inclusivity in applying these gadgets while assuring quality in their studies.

Today, the most discussed issues in the education sector are the availability and access to the internet and technology at an affordable cost with good quality. Since rich people have the money to purchase, they get easy access to the latest technology and they get the hold of the best available learning aids. As a result, they gain excellence in education while poor stayed stuck to outdated old ideas to stagnate.

Conclusion

The academic world is becoming more convenient and personalised thanks to the numerous applications of technology in education. This has changed the way people learn since educational materials are becoming accessible to all through smart devices and computers. Today, students do not need to attend bridging the digital divide in educational institutions can be done in the following ways:

01. Discover way to expand Information and Communication Technology.
02. Reduce the cost of service for Internet access.
03. Provide cost – effective and affordable technology.
04. Promote Digital literacy by way of giving incentives to the leaders, teachers and managers in education.
05. Collaborate with other institutions.
06. Create Study Halls, Webinars, Zoom meetings, video – conferencing, online debates and discussions.

Webinar Certificate



PHOTO GALLERY

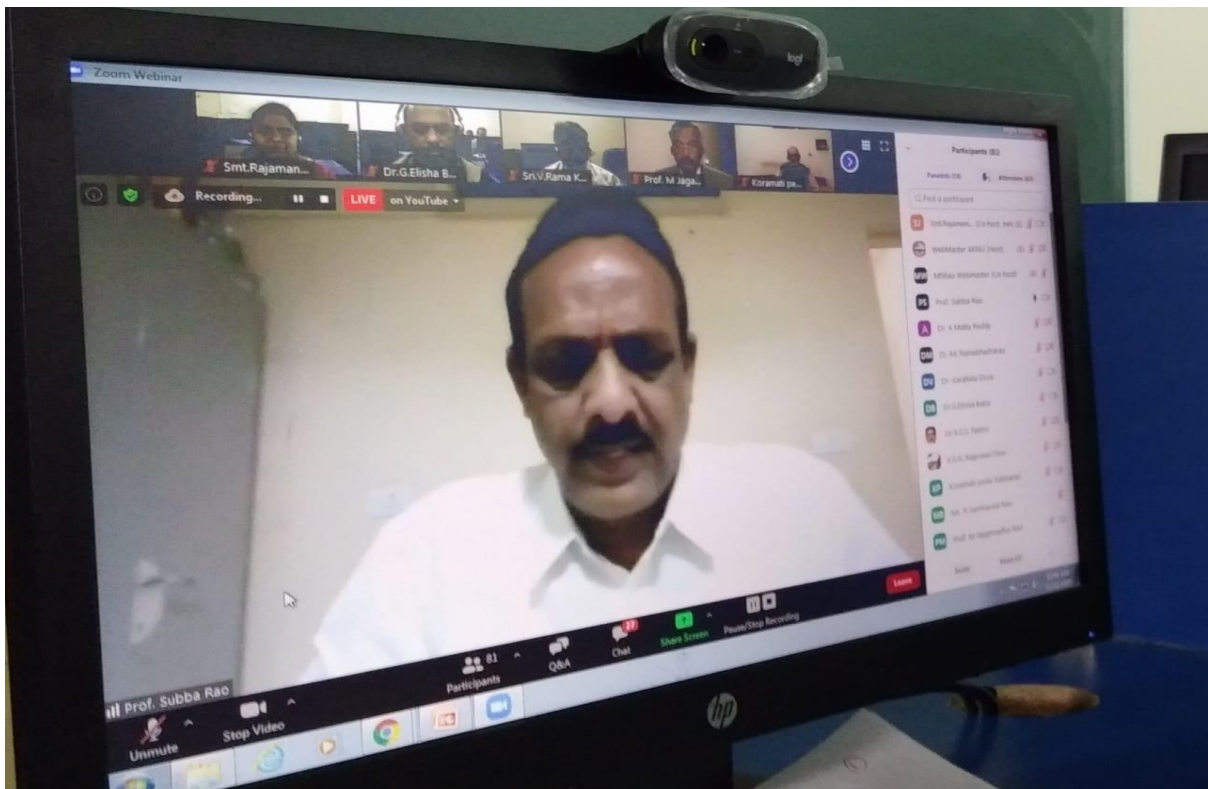
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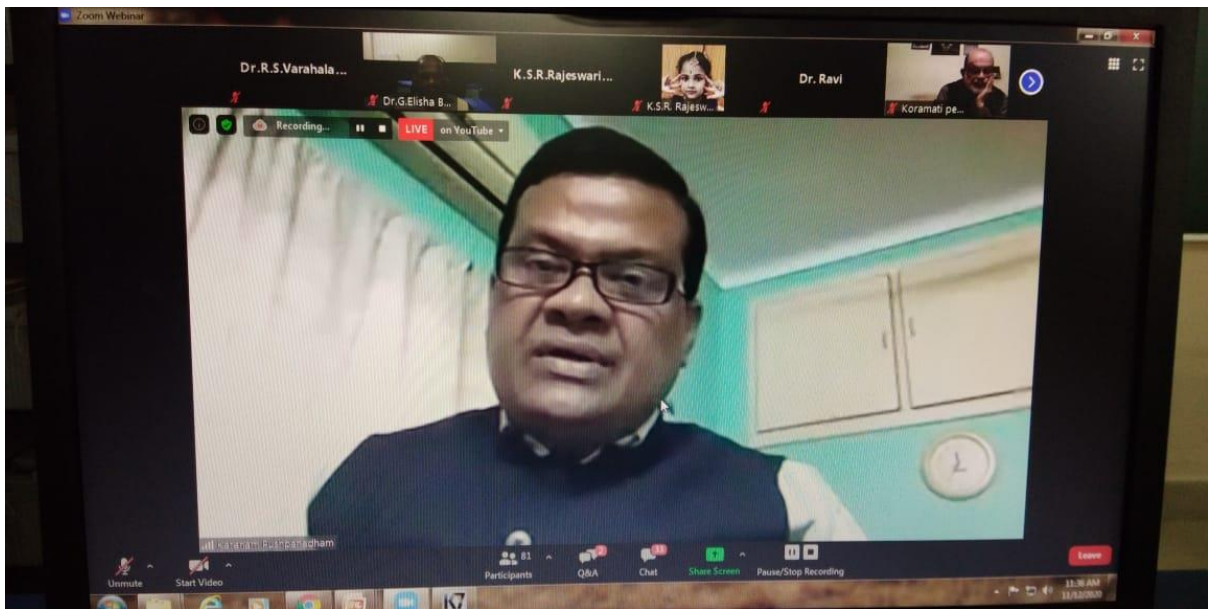
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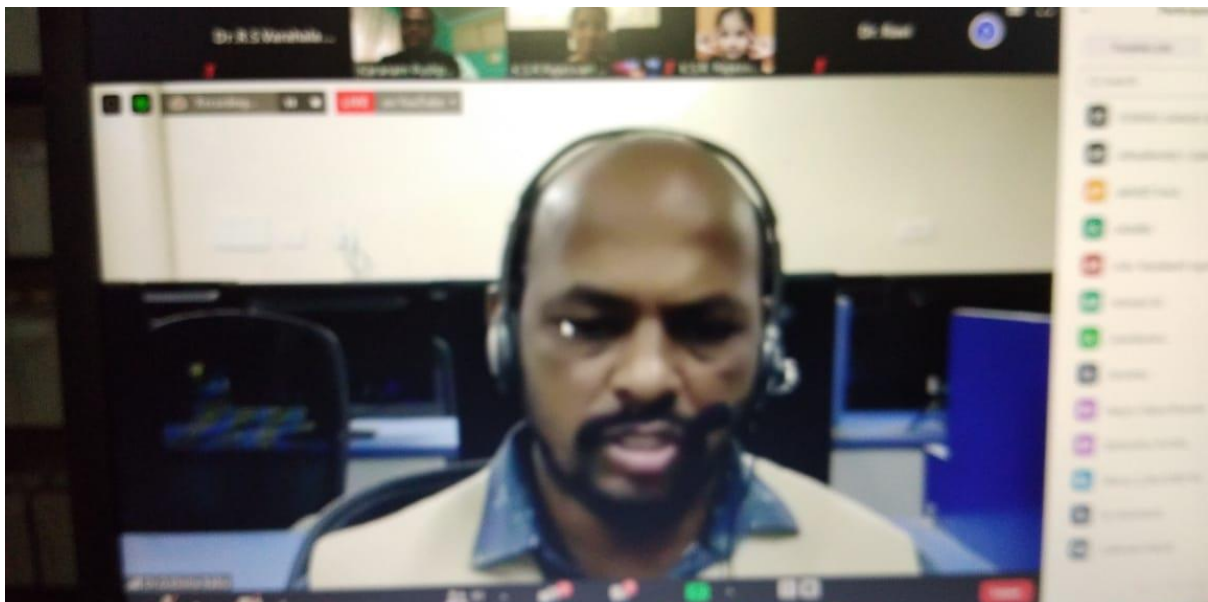
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విద్యలో సాంకేతిక పరిజ్ఞానానికి ప్రాధాన్యమివ్వాలి

మీడియా సెల్, 12.11.20 : విద్యారంగంలో సాంకేతిక పరిజ్ఞానానికి అధిక ప్రాధాన్యమివ్వాలని ఆధునిక విధానాలను అనుసరించి నాణ్యమైన విజ్ఞానాన్ని అందించాలని వీసీ ఆచార్య మొక్కా జగన్నాథరావు అన్నారు. యూనివర్సిటీ కాలేజ్ ఆఫ్ ఎడ్యుకేషన్ ఆధ్వర్యంలో “విద్యలో సాంకేతిక పరిజ్ఞానం — అనుకులతలు, పర్యవసానాలు” అనే అంశంపై రెండు రోజుల జాతీయ వెబినార్ ను నిర్వహించారు. దీనికి చైర్మన్



వెబినార్ లో మాట్లాడుతున్న వీసీ మొక్కా జగన్నాథరావు

గా ప్రిన్సిపాల్ డా.కె.సుబ్బారావు, కన్వీనర్ గా కోర్సు కోఆర్డినేటర్ డా.జి.ఎలీషాబాబు వ్యవహరించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా వీసీ ఆచార్య మొక్కా జగన్నాథరావు హాజరై ఉపన్యసించారు. ఆధునిక యుగంలో సాంకేతిక పరిజ్ఞానం విస్తృతంగా అభివృద్ధి చెందుతుందని అన్ని రంగాలు సాంకేతికతతో మంచి ఫలితాలను సాధిస్తున్నారని చెప్పారు. అలాగే విద్యారంగంలో కూడా సాంకేతిక పరిజ్ఞానాన్ని ఉపయోగించుకొని మెరుగైన ఫలితాలు చూడవచ్చునని తెలిపారు.

దీనిలో భాగంగా కోవిడ్ సమయంలో ఆదికవి నన్నయ విశ్వవిద్యాలయం సాంకేతిక పరిజ్ఞానాన్ని ఉపయోగించుకొని సాధించిన విజయాలను ప్రస్తావించారు. జాతీయ అంతర్జాతీయ సదస్సులు, వెబినార్లు, వర్క్ షాప్ లు, ఫ్యాకల్టీ డెవలప్మెంట్ కార్యక్రమాలు వంటివి ఆన్ లైన్ ద్వారా నిర్వహించి ఈ సర్టిఫికేట్లను కూడా అందించామని చెప్పారు. సుమారు 70 ఆన్ లైన్ వెబినార్లు నిర్వహించి ఉమ్మడి తెలుగు రాష్ట్రాల నెంబర్ వన్ స్థానంలో నిలిచామని తెలిపారు. జెస్కోర్, జెగేట్, ఈకంటెంట్, ఆన్ లైన్ క్లాసులు వంటి సాంకేతిక

విధానాలను విశ్వవిద్యాలయంలో ప్రారంభించి విద్యా ప్రగతికి పాటుపడుతున్నామని తెలియజేశారు. రిజిస్ట్రార్ ఆచార్య బట్టు గంగారావు మాట్లాడుతూ కోవిడ్ సమయంలో విశ్వవిద్యాలయంలో అనేక సాంకేతిక విజ్ఞానాన్ని అందించామని దీనిని మార్గదర్శకంగా తీసుకొని అనుబంధ కళాశాలలు సాంకేతిక పరిజ్ఞానంలో అభివృద్ధిని సాధించాలని చెప్పారు. ప్రస్తుతం 1/3 వంతు క్లాసులు జరుగుతున్నాయని మిగిలిన విద్యార్థులకు అవసరమైన విజ్ఞానాన్ని నాణ్యమైన ఆన్ లైన్ విధానాల ద్వారా అందించాలని తెలియజేశారు. విద్యలో సాంకేతిక పరిజ్ఞానానికి సంబంధించి పలు అంశాలపై ఈ రెండు రోజుల సదస్సులో ఆచార్య కె.పి.సుబ్బారావు, ఆచార్య కె.పుష్పానందం, ఆచార్య బి.రమేష్ బాబు, డా.వి.పెన్నిస్ లు ఉపన్యసించారు. ఈ కార్యక్రమంలో విద్యాశాఖ ప్రిన్సిపాల్ డా.కె.సుబ్బారావు, కన్వీనర్ డా.జి.ఎలీషాబాబు, కోన్వీనర్లు ఆర్.సాంబశివరావు, డా.ఎం.గోపాలకృష్ణ, జె.రాజమణి, డా.ఎన్.సుజాత, కె.ఎన్.ఆర్.రాజేశ్వరిదేవి తదితరులు పాల్గొన్నారు.