Government College of Engineering, Karad, (Satara) Maharashtra
& Walchand College of Engineering, Sangli, Maharashtra.

Organizing a
One Week National Level
Workshop on

"DIGITAL TRANSFORMATION & PEDAGOGIES"

Sponsored by

All India Council for Technical Education (AICTE) – New Delhi & Technical Education Quality Improvement Program (TEQIP III)

10th-14th August, 2020

Timings:
10:00 a.m. to 5:00 p.m.
Workshop will be conducted through online platform.

Venue:
Main-Building, GCE,
Karad Campus.

Last date for Registration:
August 7, 2020.

AICTE-MARGDARSHAN SCHEME & TEQIP-III

Workshop on

"DIGITAL TRANSFORMATION & PEDAGOGIES"

About Institutes:

Govt. College of Engineering, Karad:

Govt. College of Engineering, Karad is a premier Autonomous Institute in Western Maharashtra established in 1960 due to the efforts of Late Shri. Yashawantrao Chavan. The college is affiliated to Shivaji University, Kolhapur and is acting as vital education center for many years. The institute offers five UG programs in Civil, Mechanical, Electrical, Information Technology and Electronics & Tele-communication Engineering, eight PG programs in Civil (Construction Management & Structural Engg.), Mechanical (Heat Power, Production Engg. & Design Engg), Electrical Engineering (Power Systems), Computer Engg and Master of Computer Applications (MCA) and a recognized Research Centre of Shivaji University, Kolhapur. Institutes is selected as mentor institute for Rajkiya Engineering College, Azamgarh (UP). Government College of Engineering, Karad is best performing institute under TEQIP-III in the state of Maharashtra.

Walchand College of Engineering, Sangli:

Walchand College of Engineering (WCE), Sangli is one of the oldest engineering colleges in the state of Maharashtra. It was established in 1947, as New Engineering College with Civil Engineering degree program and renamed in 1956 as Walchand College of Engineering. WCE is a preferred choice of students in the state because of its academic reputation and placement record. About 2500 students are currently realizing their dreams of quality engineering education leading to Degree, Post Graduate and Diploma qualifications. The campus is spread over 90-acres of land with serene surroundings. The college has hostel accommodation for about 600 students (400 Boys and 200 Girls). The degree programs of the college are affiliated to Shivaji University, Kolhapur and approved by All India Council for Technical Education (AICTE). Walchand College of Engineering has been granted Autonomous status and is functioning as an Autonomous College from academic year 2007-08. It now offers B. Tech. and M. Tech. degrees under autonomous curriculum based on semester system and grading as followed in IITs. Post autonomy, the institute has carried out various reforms to improve the quality of education in the institute. The institute achieved outstanding performance in TEQIP I, II and is currently participating in TEQIP III.

AICTE-MARGDARSHAN SCHEME:

AICTE has announced number of initiatives under its Quality Improvement Scheme (QIS) for the year 2020-21 to share and mentor (Margadarshan) is one of such schemes. The scheme envisages that a Hub 'n Spoke system is to be established by an institute of repute as a mentor within an existing facility to serve as the hub and disperse knowledge to thirty Technical Institutions to encouraging best practices. The Secondary branches: the Spokes are provided additional services for

self-improvement of the faculty in general and overall improvement of the institute in particular. Eventually, the Hub 'n Spoke system will allow for inter hamlet information sharing, such as Technical Education, Research and sharing of resources to the entire system.

About Workshop:

Across the globe, the spread of novel corona virus COVID-19 has led to profound changes in social interaction and organization. All world has come to stand-still, education sector has been one of the most effected. As the saying "EXTRAORDINARY TIMES CALL FOR EXTRAORDINARY MEASURES", the world has been to respond to the pandemic with "emergency eLearning" protocols. The transition has is needed from face-to-face classes to online learning systems.

All around the world people are working on this transition. Government of India is also aiming at digitizing India with 'Digital India' Initiative, educational institutions are also working in tandem to contribute in fulfilling the goal.

This workshop aims with following objectives:

- ❖ Highlighting Need & impact of Digital Transformation
- ❖ Discuss Implementation Issues in Digital Transformation
- ❖ Demonstrate Tools for Digital Transformation
- ❖ Create awareness among stakeholder about Digital Transformation and promote for acceptance for this change
- ❖ Provide Cost effective solutions for digital transformation
- ❖ Demonstrate Content Creation, on line assessment tools and technique
- ❖ Identify Hardware & IT infrastructure need

Massive Open Online Courses (MOOCs) are rapidly gaining popularity amongst learners and teachers. It is advantageous, as students are flexible to study as per their time and convenience. It helps in bridge between the facilitator and the off- site learners. MOOCs create the excellent opportunity for sharing the knowledge and ideas and global resources are available on one's fingertips. MOOCs also help in enhancing cross cultural relationships which gives rise to collaboration between learners, educators and institution, locally and internationally. In a Nutshell, MOOCs have truly revitalized the teaching pedagogy by using upcoming technologies.

With this workshop, the participants will be able to understand the dynamics of e-content creation. The e-creation will help to use open source tools for creation of e-content including generic video creation, prepare online assignments & quizzes, perform online evaluation and grading. Also, Designing and developing a MOOC course based on the four-quadrant model.

The workshop will help participants to build their capability to plan, design and implement online courses. This will help them to tune with international standards. In addition, it will also help to manage the curriculum extending effective support to the students in terms of improved learning and communication.

Outcomes of Workshop:

After successful completion of the program, the participants will be able to:

1. Create e-content for their discipline using open source software tools.
2. Integrate Open Education Resources (OERs) in their e-resources.
3. Design MOOCs pertaining to the specifications of the four Quadrant Model with the facility to share resources and also provision for assessment.
4. Design the framework for effective implementation of these online courses

Who Should Attend?

The faculty from institutes in Engineering, Diploma, MCA, Pharmacy, Architecture, Hotel Management, Hospitality and Tourism Management, MBA, Arts, Commerce & Science field are eligible to attend.

How to Register:

Workshop is sponsored by AICTE under Margadarshan scheme. Registration for the program shall be completed through online registration process. The link for online registration for the course is –

https://forms.gle/2CdkqH6B4eAFF5Nf6

https://www.google.com/url?q=https://t.me/joinchat/OpdQCBgih08RD83em3OCug&sa=D&ust=1596299725052000&usg=AFQjCNE0ALMJ8V9BkU1PxNK3OgCK2JoheQ   (Telegram Link)

Due to COIDV-19, the workshop doesn't have any registration fees.

The broadcast of program is from Main building, GCE, Karad Campus.

RESOURCE PERSONS:

Dr. Anil Sahasrabudhe, Chairman AICTE, New Delhi
Dr. Abhay Wagh, Director, DTE, Govt of Maharashtra, Mumbai
Dr. D. N. Malkhede, Advisor I, AICTE, New Delhi
Dr. P. M. Khodke, Central Project Advisor, NPIU, TEQIP-III, Delhi
Dr. Nitin R. Karmalkar, Vice Chancellor, Savatribai Phule Pune University
Dr. Vedala Rama Sastry, Vice Chancellor, DBATU
Dr. V. C. Gaikar, Ex. Vice Chancellor of BATU
Dr. R B Mankar, Ex. Vice Chancellor of BATU
Dr. D. T. Shirke, Pro-Vice-Chancellor, Shivaji University Kolhapur
Dr. Praveen Malla, Higher Education Specialist, Hyderabad, Telangana, India
Dr. Ali Razban, Director, Department of Mechanical and Energy Engineering, Indiana University Purdue University Indianapolis (IUPUI)
Prof. E. V. Swaminathan, Human Resource Trainer and Consultant, Thane, Maharashtra, India
Dr. S. S. Sahasrabudhe, Dept of CSE, IIT Bombay
Dr. Ramanamurthy Saripalli, Senior Vice President at Code Tantra Tech Solutions Hyderabad, Telangana, India
Dr. Jagannath Patil, Asia-Pacific Network & International Network for Quality Assurance Agencies in Higher Education
Dr. R. B. Shivagunde, NITTR Bhopal
Mr. Atul B. Patil, Director, ITNextGen Limited, London (UK).
Mr. Mahesh S. Shewale, Research Assistant, Department of Mechanical Engineering, Indiana University Purdue University Indianapolis (IUPUI).
Mr. Arun Gaikwad, Professor, Zeal College of Engg., Pune.

CHIEF PATRONS:

Dr. Anil Sahasrabudhe	Chairman AICTE, New Delhi.
Dr. A. E. Wagh	Director, DTE, Maharashtra State
Dr. P. M. Khodke	Central Project Advisor, NPIU, TEQIP
Dr. D. R. Nandanwar	Joint Director, Regional Office, Pune.

PATRONS:

Dr. A. T. Pise Principal, GCE, Karad	**Dr. S. P. Pande** Director, REC. Azamgarh	**Dr. P. H. Sawant** Director, WCE, Sangli	**Dr. S. S. Thakur** Principal, JCOEJabalpur
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Dr. A. M. Sapkal HOD, E&Tc Engg	**Dr. Y. M. Ghugal** HOD, Applied Mech. Dept.	**Dr. R. P. Hasbe,** HOD, Electrical Engg.	**Dr. A. J. Umbarkar** HOD, Inform. Tech.
Dr. S. J. Wagh HOD, Information Tech.	**Dr. B. S. Patil** HOD, MCA.	**Dr. M. A. Shaha** HOD, Comp.Sci.& Engg.	

ADVISORY COMITTEE:

Dr. M. S. Gaikwad Director, SIT, Lonavala, Pune.	**Dr. V. V. Dixit** Director, RMDSTIC, Pune	**Dr. D. V. Ghewade** Principal, PVPIT, Budhgaon.	**Dr. B. P. Ronge** Principal, SVERICOE, Pandharpur.
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Dr. D. S. Mantri SIT, Lonavala.	**Dr. Abhijit Zende** DDACOE, Karad	**Dr. H. V. Shete** AMGOI, Vathar	**Mr. M. V. Nagendra** PVPIT, Budhgaon.
Dr. K. B. Gavali TAE, Pune.	**Dr. Sunil Dambhare** DYPIEMR, Pune.	**Dr. Sonage B. K.** NKOCOET, Solapur	**Ms. Nilofer S. Hunnargi** SBGI, Miraj.
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Mr. Sunil Bagade DDACOE, Karad.	**Dr. Altaf Mulani** SKNCOE, P'pur.	**Ms. M. M. Bhore** SVERICOE, Pandharpur.	**Mr. G. C, Koli** SETI, Panhala.
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Mr. D. H. Ghuge RMDSTIC, Pune	**Dr. A. J. Gujar** DYPCET, Kolhapur.		

TENTATIVE SCHEDULE:

Day	Date	Timings	Topics	Resource Person
1	Mon, 10th August, 2020	10.00 – 10.30 am	Inauguration/ Felicitation	
		11.00 – 12.00 Noon	Importance of Online education & different Pedagogies	
		12.00 – 01.30 pm	Tools for Survey, registrations, online quiz/exams: Google Forms / Microsoft Forms / Testmoz	
		03.00 - 04.30 pm	Learning Management System Moodle / Microsoft teams / Google Classroom / Edmodo	
2	Tue, 11th August, 2020	10.00 – 11.30 am	Pedagogies for effective on line learning	
		11.30 – 01.00 pm	Online Lecture Preparation & delivery: OBS Studio for recording and Live streaming / Google Meet / ZOOM	
		03.00 - 04.30 pm	Practical Session [Preparation of online assignments & quizzes]	
3	Wed, 12th August, 2020	10.00 – 11.30 am	Audio/Video Editing tools for effective lecture: Open shot for video editing / Audacity for audio editing / Filmora for Android phones	
		11.30 – 01.00 pm	Certificate Generation: Mail merge / Certify'em / Autocrat	
		03.00 - 04.30 pm	Practical Session [Preparation of online assignments & quizzes]	
4	Thu, 13th August, 2020	10.00 – 11.30 am	Awareness about Open Educational Resources (OER) and MOOC introduction	
		11.30 – 01.00 pm	MOOCs design and development	
		03.00 - 04.30 pm	MOOCs design and development	
5	Fri, 14th August, 2020	10.00 – 11.30 pm	Website development tools	
		11.30 – 01.00 pm	Panel Discussion	
		03.00 - 04.30 pm	Valedictory Session and Feedback filling for receiving e-certificate	