

GUJARAT COUNCIL ON SCIENCE & TECHNOLOGY

Dept of Science and Technology, Govt of Gujarat

Programme Report on GUJCOST Sponsored one day workshop on “21st Century Education- Bridge Gap between Industry and Academia”

1. Title of the Programme: “21st Century Education- Bridge Gap between Industry and Academia”.
2. Category: One Day Workshop
3. Date and Duration: 9th March, 2019 and one day workshop
4. Venue: SHRIMAD hall, UTU
5. Dignitary/s present at inaugural function:

Name	Designation	Name of Institute	Contact Details:
Dr. Navin C. Shah	Advisory	Uka Tarsadia University	9924119756
Dr. Rajkumar V. Patil	Director	Chhotubhai Gopalbhai Patel Institute of Technology	9029357890
Chinmay K. Desai	Dean	Chhotubhai Gopalbhai Patel Institute of Technology	9879072216
Dr. Ajit Thete	Director	Centre for Development of Leadership in Education Pvt. Ltd. Pune	9604321005
Ms. Krupa Dave	Assistant Professor	Chhotubhai Gopalbhai Patel Institute of Technology	9099919297

6. Invited speaker / Expert:

Name	Designation	Name of Institute	Contact Details	Topic of Lecture
Dr. Ajit Thete	Director	Centre for Development of Leadership in Education Pvt. Ltd. Pune	9604321005	Outcome based pedagogic principles for effective teaching
Prof. R. G. Kothari	Former Head [CASE], Former Dean	Faculty of Education and Psychology, MS University- Vadodara	9714799445	Students Parenting to overcome 21 st century education challenges

Dr. Remeth Dias	Head of Department	Government Polytechnic, Jalgaon	9850953955	Problem based learning to face Real world challenges
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Lecture Notes:

1. Dr. Ajit R. Thete, Director, Centre for Development of Leadership in Education Pvt. Ltd. Pune, India, has delivered talk on “**Outcome based pedagogic principles for effective teaching**”. He has discussed following points:
 - Changing technologies and techniques
 - Skill Gaps
 - Industry demand
 - Students Inclinations and enrolment to programs
 - Teaching and pedagogic principles
 - What is frame work of OBE (Outcome based education)
 - Curriculum revision based on OBE framework
 - P21, ATS21 Models
 - Pedagogic principles
 - Program outcomes and course outcomes mapping
 - Teaching strategies
 - Learning styles
 2. Prof. R. G. Kothari, Former Head [CASE], Former Dean, Faculty of Education and Psychology, MS University- Vadodara has delivered talk on “**Students Parenting to overcome 21st century education challenges**”. He has discussed following points:
 - Student parenting
 - How to identify students behavior?
 - Motivation and guidance to students
 - Adolescence
 - Child rearing
 - Positive ways of parenting
 3. Dr. Remeth Dias, Head of Department, Government Polytechnic, Jalgaon has delivered talk on “**Problem based learning to face Real world challenges**”.
 - PBL: Shift from teaching to learning
 - Teaching and learning skills
 - Common features of problem based learning
 - Necessities of PBL: Group, Trigger/problem/Tutor/Assessment
 - Objectives of PBL processes
 - Principles of good trigger and problem design
 - Types of learning objectives
 - Assessment
7. Total no. of participants: 156
8. Program summary:
- A GUJCOST sponsored one day workshop on “21st Century education: Bridge gap between industry and academia” was organized by Chhotubhai Gopal Bhai Patel institute of Technology, UTU. This one day workshop was

organized to guide the faculty members for 21st century education challenges. Nowadays the education is learner centric rather than teacher centric so the role of the teacher is just a guide or mentor. For effective teaching active participation from industry also requires. So it is essential to train the teachers in various aspects like effective teaching pedagogies, Curriculum design, Formative and summative assessments, Program outcome and course outcome mapping etc. So all these challenges and solutions were discussed by renowned experts in this workshop. Student parenting also play very vital role to overcome 21st century education challenges. Considering the above perspectives, Ms. Krupa Dave sent a proposal to GUJCOST and received a grant of rupees thirty thousand for organizing the said workshop. The event began with UTU song, which was followed by lamp lighting. Dr. Raj kumar patil, Director, Chhotubhai Gopal Bhai Patel Institute of technology delivered a key note address for the workshop. Ms. Krupa Dave, Organizing Secretary, welcomed the speakers of the workshop. Dr. Ajit R. Thete, Director, Centre for Development of Leadership in Education Pvt. Ltd. Pune, India delivered his talk on “Outcome based pedagogic principles for effective teaching”. Dr. (Prof) R. G. Kothari, Professor of Education, M.S. University Vadodara conducted a session on “Student Parenting”. Dr. Remeth Dias, Head of Department, Government Polytechnic, Jalgaon conducted a session on “Problem based learning to face Real world challenges”. More than 150 participants benefited from the workshop. Prof. Vijay K. Shah, Director Diwaliba Polytechnique distribute certificates to participants. Ms. Krupa Dave, Organizing secretary of the workshop delivered a vote of thanks at the end of the event.

9. Photographs:

Inaugural function





Date: 09/03/2019 - First Speaker: Dr. Ajit Thete - Director (Centre for Development of Leadership in Education Pvt. Ltd. Pune)



Date: 09/03/2019 – Second Speaker: Prof. R. G. Kothari - Former Head [CASE],

Former Dean (Faculty of Education and Psychology, MS University-Vadodara)



Date: 09/03/2019 – Third Speaker: Dr. Remeth Dias- Head of Department (Government Polytechnic, Jalgaon)



(Krupa Dave)
Organizing Secretary

(Dr. Raj kumar V. Patil)
Director, C.G.P.I.T., UTU