

# @-B.Ed PROGRAM

"Situated Learning for Development Through  
Collaborative Education in a Connected Community"



Indian Consortium For Educational Transformation



**MKCL**

Creating a Knowledge Lit World

www.mkcl.org



ज्ञानमंगा घरोघरी

YASHWANTRAO CHAVAN MAHARASHTRA  
OPEN UNIVERSITY



## CONTEXT AND GOALS:

The program of Bachelor of e-Education or B Ed (e-Education), called e-B Ed, is designed as a new paradigm program suitable for a connected society in which learning-working-developing is integrated. The program is offered online as well as through Study Centers. Since this is a first cycle of operations, it is being offered at three Study Centers at Nashik, Pune and Mumbai. YCMOU is a Nodal Agency of this cooperative program, and its degree will be awarded to successful students. YCMOU is supported in its academic functions by highly qualified and trained faculty of teachers belonging to six institutions which includes 5 university departments of education.

e-B.Ed program is designed in response to the connected society being created by the use of modern information communication technology (ICT). Already 25 % people in India are connected by mobile / landline telephony and Internet; and 70 % people of India are expected to be connected by 2015. This creates completely different socio-economic scenario. FUTURE connected society is a techno-social one and demands a new education system appropriate for its globalised nature.

The program is based on the constructivist theory of education. It is the 'future scenario based situated learning and situated development' (FUTURE NOW) model. The

situations in the e-B.Ed programs are the classrooms, schools and community around the school. All students and teachers will be linked with internet connectivity and will form a learning community interested in applying the subject knowledge to the situated development and the learning obtained from the development. Study of a student is based on completion of various activities and assignments that promote competencies and capabilities and helps him / her to play various roles a teacher has to carry out in various scenarios- developed as a part of the new information society. The courses of e-B.Ed get linked with various settings of technology access obtained in different schools. The school (real or virtual) in which a student of e-B.Ed is working or attached to for learning purposes will be connected to the Virtual School programs and Network of MKCL and I-CONSENT.

All the provider institutions participating in the e-B.Ed program are active members of the I-CONSENT, a not-for-profit organization. MKCL will offer all the networking and support services for administrative work; and YCMOU will coordinate all the academic support services to all students.

## GOALS OF e-B.Ed PROGRAM:

- » Develop a program of L3 (Life-Long-Learning) for teachers for learning and developing in a connected community /society.
- » Develop group learning and working processes, and use mass collaborative programs for creating shareable common wealth of knowledge and expertise / experience.
- » Enable a teacher to become reflective professional with development of his / her competencies and capabilities that enables him/her to play multiple roles in teaching, learning, developing and 'trans' forming.
- » Change situated learning into sustainable development with global directions and approaches by forming public-private-community partnerships.
- » Incorporate value system (core values) in activities and programs for supporting a developing society based on equality and justice.

The students of e-B Ed can participate in the Virtual School and Learning Homes programs for carrying out their assignments and project work.



## e-B.Ed PROGRAM: INNOVATIVE FEATURES

- » Use of Constructivist Pedagogy
- » Learning for Development or Developmental Learning in the situations with cyclic processes of improvements so as to achieve higher quality and excellence with transformative value in performance of teachers, learners and institution.
- » Public-Private Partnership in cooperative development of this program. Nearly 40 senior teachers and experts from a dozen organizations participated in the development. (See the list of participant organizations and leaders in development)
- » Role Based Reflective Teacher is the expected outcome of the program.
- » Performance Based Evaluation of student's continuous work, and not on one-time written papers.
- » Integrated Group Learning, Working and Developing in the situations for achieving cooperative learning and development.
- » Use of Mass Collaboration for common purpose with common wealth development.
- » Formation of Student and Teacher Communities for their life-long learning and developing.
- » Promotion of Public-Private-Community Partnership with win-win approach.
- » FUTURE NOW Model with future scenario based learning in the existing situation.
- » Use of New Processes created by information communication technology and connected society
- » Uses Global + Local (Glocal) Scenarios with use of global open education resources (OER) and expertise for offering quality education to every student in his/her situation.
- » International Program supported by Commonwealth of Learning, Canada and international experts in development and deployment.

New Education Model with paradigm shift from content and teacher centric approach to learner and learning centric approach with focus on developmental learning with high transformative value. This program closely resembles to Nai Talim of Mahatma Gandhi.



# e-B.Ed PROGRAM

## 1. Who can be a student in e-B Ed ?

Any one of the following is eligible to enroll:

- Untrained fresh graduate
- Trained (B.Ed / D.Ed) graduate
- Trained (B.Ed/ D.Ed) Teacher
- Untrained Teacher
- Any graduate professional in Education/ Media

## 2. Entry Qualifications:

- Graduation
- Pre-requisites  
(No formal certificates required)
  - Proficiency in and Comfortable to work in English
  - ICT Literacy
    - Well- versed with MS-Office
    - Online skills: e-mail, discussion forum, surfing, chatting
    - Ability to participate in Virtual Learning Classroom sessions

## 3. Prospects:

- Teacher and / or Trainer in
  - e-School or e-College for e-learning
  - Formal School or College or University
  - Industrial training or Social / Community Education and Extension
  - Corporate sector
- Instructional System and Materials Designer
- Multi-Media Instructional Materials Developer / Producer
- e-Education and e-Extension System Manager

## 4. Duration:

Minimum : 2 years  
Maximum : 3 years with yearly extension up to 5 years

## 5. Medium of Instruction:

English

## 6. Objectives:

- To prepare professionals for technology enhanced learning of students in conventional and virtual schools, and to play various roles such as learners, teachers, tutors, mentors, instructional designers, producers, assessors, researchers, managers, organizers, leaders and change makers in a networked learning environment.
- To prepare professionals as reflective practitioners and as knowledge resource developers for information and knowledge creation at 'local' and 'central' levels.
- To acquaint the professionals with the variety of ICTs and to develop skills to select and use the best suited technology in a teaching / learning situation and processes.
- To promote innovativeness, creativity, entrepreneurship and leadership qualities in professionals in the context of e-education and enable them to cultivate these qualities amongst their students.
- To acquaint professionals with the modernizing factors and forces in the context of globalization affecting education and learning outcome.
- To develop communication, interaction skills and collaborative-cooperative learning skills in professionals
- To enable professionals to identify and use community resources as educational inputs for situated learning and sustainable development.
- To enable professionals to undertake action research and to use and adopt innovative practices for professional and situational development.



# PROGRAM

9. To enable the prospective teachers to visualize and use Tech-MODE to achieve situational developmental goals and adopt appropriate models of private-public-community partnership with win-win situation to develop learners as effective citizens of the new knowledge society.

## 7. Role Based Courses:

1. Teacher as a Nurturer of e-Culture
2. Teacher as a Change Agent and Net worker
3. Teacher as an e- Learning Specialist
4. Teacher as an e- Learning Resource Developer
5. Teacher as a Content –Based Techno-pedagogue
6. Teacher as an Action Researcher and Evaluator and a Project Work.

## 8. Credit Points (CP):

Each course and the project work carries 8 CPs. Each credit hour requires about 35-40 hours of study (includes all types of study and field work). Total = 56 CPs

## 9. Practicum:

The practical aspect of the program is integrated with the course contents for development of specific competencies, it is in the form of learning activities including practice lessons in real and virtual classes, development of learning resources, application of constructivist pedagogy, field related assignments and a major project related to some developmental activities in a situation.

## 10. Curriculum Transaction:

The program will be deployed and delivered on-line, using a network of study and access centers, using integrated Tech-MODE strategy and appropriate ICT available, through the distributed learning sessions involving audio-graphic and video inputs, enrichment sessions, group discussions and

cooperative and collaborative learning activities. Study Groups will be formed, maintained, supported with enrichment, activities at different places-situates like class, school, community, home involving support activities and networked interactivities.

The learning resources like Learner's Handbook, Study Material (Scenario), Texts and References in Study Material will be made available on Website of the program / I-CONSENT / YCMOU / MKCL etc. with a free access to the learners and functionaries involved in the program. Study Center Library will be accessible to students and counseling sessions with Mentor. Tutor support in F-2-F mode as well as expert inputs on-line will be made available to the learners.

Students will conduct their field related assignments and project work under the direct guidance of the Mentors/ Tutors / Experts.

## 11. Support systems:

(i) At Study Center: ICT access facility, adequate number of mentors for guidance, library resources, infra structure facilities like rooms for group meetings, distributed classroom, Virtual Classroom Lesson sessions, Credit bank, Development and maintenance of learner portfolio etc.

(ii) At central place at YCMOU: General Information Center, Tutors, Learning resources, Expert course developer teams, Academic coordination, monitoring and updating facility, Final Assessment and Evaluation, Awarding Degree/Diploma-Certification etc.

(iii) At central place at MKCL: e-Platform and Support Services (ePASS), MKCL network of access centers, creation and maintenance of network of learners, teachers, parents, experts, special interest groups, all software systems, accounting and all technical support.

## 12. Quality Assurance in the Deployment of the Program: ▾

Out of the total sessions conducted on-line or at the Study Centers, some Sessions will be conducted by internationally / nationally renowned experts in various domain knowledge areas linked with courses or roles.

Academic Coordination Committee (ACC) appointed for the e-B.Ed program and supported by the Program Executive Officer will ensure the implementation by ensuring the standards of content and processes of teaching and learning, fitness quality of learning and development, and the transformative value achieved by the student or a group of students.

Quality Assurance Cell (QAC) consisting of some internal and some external experts and approved by the YCMOU Board of Examinations will ensure quality of deployment and student performance, conduct end examinations and submit results to the university. The quality will be assessed on the basis of competencies and capability developed. It will be done through the achievement of learning, situated development and transformation value of the work carried out in a specific situation selected by the student or a group of students.

## 13. Evaluation System ▾

- » There will not be any formal written exam at the end of the program.
- » Since program is based on development of skills, competencies, attitudes and capabilities, the courses will be examined through formative evaluation during the course period (50 % weightage); and remaining at the end of the program completion while assessing Project Work . It will

be based on the comprehensive examination based on portfolio assessment, demonstration of performance and presentations and performance in the interview; and will carry the remaining 50 % weightage.

- » A student performance will be assessed in terms of goals & objectives set by the student, path followed to achieve the goals / objectives and value of the achievement . .

## 14. Conduct of Comprehensive Viva Voce: ▾

1. There will be one internal and one external examiner appointed by the QAC.
2. The viva-voce will be based on
  - i. The assignments
  - ii. Practicals
  - iii. Lessons conducted-both real time and virtual
  - iv. Learning resources prepared and used
  - v. Action research project
  - vi. Group activities
  - vii. Collaborative learning activities
  - viii. Cooperative learning activities
3. The viva-voce will be conducted individually for every candidate.
4. The each of the internal and external examiner will rate the candidates on pre-validated ten point scales on various components of performance
5. The external examiner will check to satisfy him/her that all the course-work is done by the candidate himself/ herself.



Constructivist Form of Education



### Rules of Passing and Certification:

In order to qualify for the e-B Ed program, a student is required to complete all courses and project work carrying 56 CPs. Success will be judged on 5-Point grading system and will include all the work and study components mentioned above. Improvement of grade is always possible during the study process. A student has to complete all the course-work including practicum component and field project to the satisfaction of the panel of examiners to get a degree..

The evaluation is done in terms of 5- Point Grade System, and a student will be awarded grade along with Cumulative Grade Point Average (CGPA) and will be issued a transcript indicating performance and achievements.

In the Transcript, along with statement of credit points, separate mention will be made about the collaborative and cooperative work contributed by the candidate and the project work completed to achieve developmental goals.

### Organizations and Senior Experts involved in the Program:

- Prof. Ram Takwale, former Vice-Chancellor, IGNOU and President, I-CONSENT, Maharashtra State
- Dr. Rajan Welukar, Vice-Chancellor, YCM Open University, Nashik, Maharashtra State
- Shree Vivek Sawant, MD, MKCL, Pune, Maharashtra State
- Prof. M. N. Deshmukh, Education Consultant and Secretary, I-CONSENT, Mumbai, Maharashtra State

- Prof. M. G. Takwale, Former Vice-Chancellor and Secretary, I-CONSENT, Pune, Maharashtra State
- Prof. Anant Joshi, Professor and Head, School of Education, YCM Open University, Nashik, Maharashtra State
- Prof. Sanjeev Sonawane, Prof and Head, Department of Education and Extension, University of Pune, Maharashtra State
- Prof. Veena Deshmukh, Hexaversity Chair, Department of Educational Technology, SNTD, Mumbai, Maharashtra State
- Prof. S C Agarkar, HBCSE, Mumbai, Maharashtra State
- Dr. Vandana Maheswari, Principal, K K College, Mumbai University, Maharashtra State
- Dr. Ambika Jain, Director, Center for Educational Studies, Indian Institute of Education, Pune, MS
- Mr. Lesan Azadi, Director, Bahai Academy, Panchgani, Maharashtra State

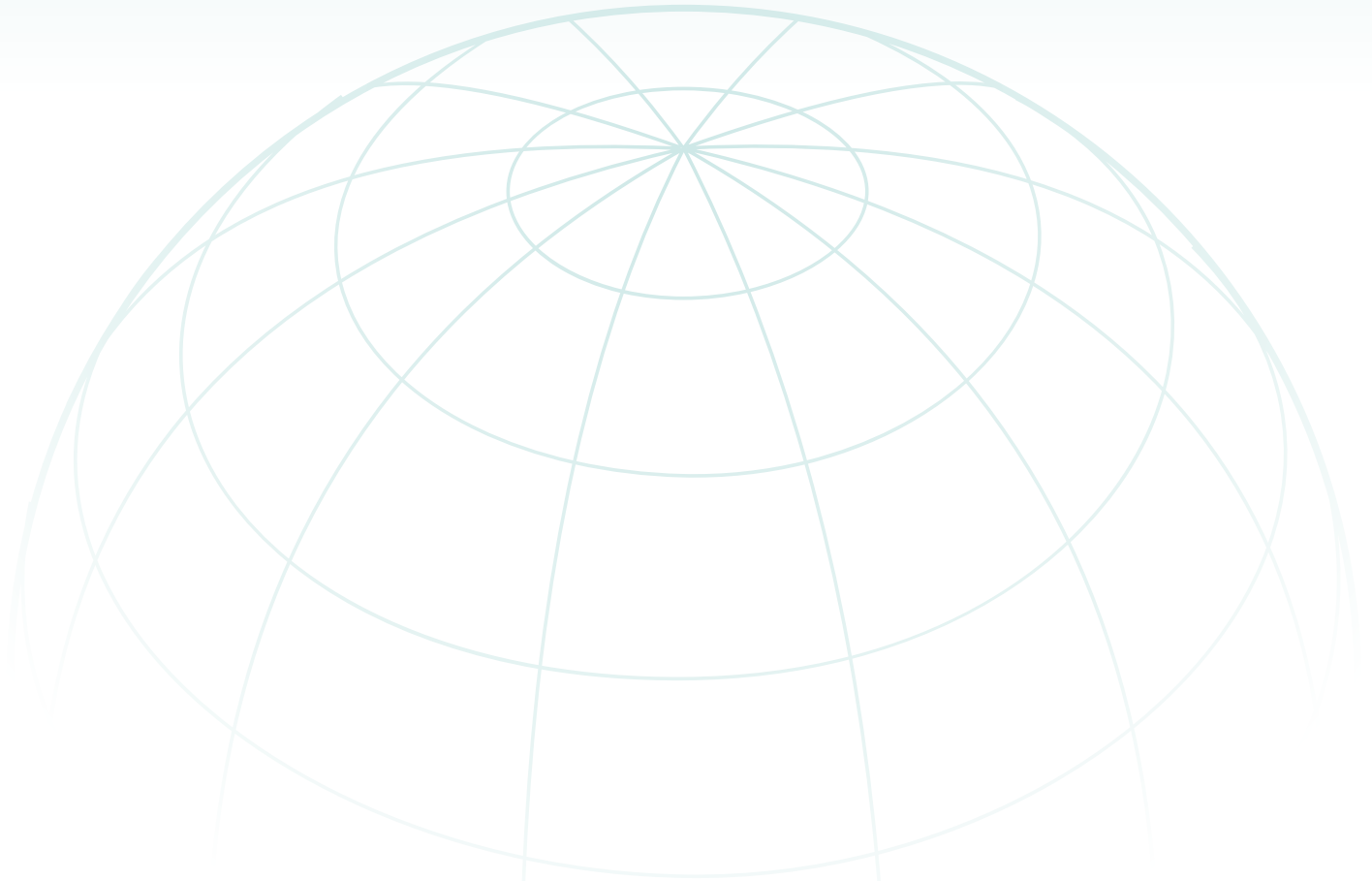
Prof. Som Naidu

- Prof. Mohan Menon
- Mrs. Madhavi Dharankar - Program Executive Officer (PEO)

The e-B.Ed program is designed and developed by I-CONSENT, and delivered by YCMOU as an academic nodal agency, and deployed by MKCL on its e-Platform

for a Development Centric Tomorrow





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