



PATNA UNIVERSITY
Dept. of Education
E-CONTENT
COURSE S.C 5

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Educational Technology & ICT
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Unit IV : Modern Technologies in Education

Resource centres for E.T (UGC, IGNOU, NOS)

Objectives : *After going through this topic, students will be able to understand:*

- Improve the online communications ability for individuals and groups associated with the School of Education.
- Expand and enhance technology support tools to meet the School of Education's current needs and expectations.
- Obtain feedback from users on satisfaction levels of current services, as well as, new services and implement changes accordingly.

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1 UGC(University grants commission)[2]

The UGC-INSAT educational television project also known as ‘country wide classroom’ was inaugurated on August 15, 1984. The planning and production of the programme are actively managed by the university Grants Commission(UGC)

- Under this programme, the one hour programme in English is a miscellany of subjects presented with the objective of general enrichment for undergraduates, educated public and the teachers as well.
- These programmes are aimed at improving the quality of higher education to create a dynamic classroom situation.
- A mass communication has been set up in the UGC and six Audio-visual Media/Mass communication Research Centres have been set up at different institutions in the country.
- Besides producing programmes at these centres, some programmes are imported from other countries, and are edited to suit the requirements of the Indian students.
- Presently a one hour programme is telecast daily between 12.45pm and 1.45 barring holidays and Sundays.
- These programmes are produced in English by Mass communication Research centres set up by the UGC at various universities such as Jamia Millia Islamia, New Delhi; Gujarat Vidyapeeth, Ahmedabad; Roorkee etc.
- The programmes produced by various production institutions are pooled by the UGC for reviewing their quality and handling them over to Doordarshan for telecast.

2 IGNOU(Indira Gandhi National Open University)

2.1 Introduction

- IGNOU is a distance learning national university located in New Delhi.
- it was established under the act of IGNOU 1985 with the budget of 20.

2.2 Objectives of IGNOU

In order to fulfil the vision of democratising higher education and providing access to all citizens of this country the University Act(1985)states that university shall:

- Advance and disseminate learning and Knowledge by diversity of means, including the use of any communication technology.;

- Provide opportunities for higher education to a large segment of the population and promote the educational well being of the community general;
- Encourage the Open university and distance education system in the educational pattern of the country;and
- Coordinate and determine the standards in such systems.
- Besides the printed text and occasional face-to-face contact sessions, IGNOU course-materials include audio video cassettes, which are available for use at study centres and also on sale for home study.
- For optimum utilisation of these audio-video components, IGNOU telecast its video programmes for half and hour, thrice a week, from 6.30 a.m.to 7.00 a.m. on Mondays, Wednesdays and Fridays for those IGNOU students who would otherwise not have an opportunity to take advantage of these programmes.
- Most of the IGNOU programmes supplement the printed texts-the master medium of learning-and cater to a specific group of learners.
- IGNOU programmes is also available/view for general public.

3 NOS(National Open School)[1]

NIOS is "Open School" to cater to the needs of a heterogeneous group of learners up to pre-degree level. It was started as a project with in-built flexibilities by the Central Board of Secondary Education (CBSE) in 1979. In 1986, the National Policy on Education suggested strengthening of Open School System for extending open learning facilities in a phased manner at secondary level all over the country as an independent system with its own curriculum and examination leading to certification.

- Usage of ICT for facilitating learning definitely is a thrust area for enhancing the quality of courses offered by the National Institute of Open Schooling (NIOS). The focus in recent years has been a transition from print-based instruction system to the ICT supported instruction dissemination.
- NIOS took a significant step of providing the facility of On-line Registration for admissions and on-demand examinations under the NIOS Online (Ni-On) Project.
- The NIOS Project, a unique initiative in the field of school education, which is conceptualised to enable NIOS to move in the direction of e-governance so that it could provide better educational services to its learners as a service provider and also improve efficiency, transparency, accountability and cost effectiveness with high quality.
- Such an e-governance initiative has not only helped to bring about a structural transformation of NIOS to a higher level of openness in education but also allows NIOS to play a lead role in the horizontal transfer of this technology

to other State Open Schools and Open and Distance learning institutions of developing world.

- Consequently, the Ministry of Human Resource Development (MHRD), Government of India set up the National Open School (NOS) in November 1989.
- The pilot project of CBSE on Open School was amalgamated with NOS.
- Through a Resolution (No. F.5-24/90 Sch.3 dated 14 September 1990 published in the Gazette of India on 20 October 1990), the National Open School (NOS) was vested with the authority to register, examine and certify students registered with it up to pre-degree level courses.
- In July 2002, the Ministry of Human Resource Development amended the nomenclature of the organisation from the National Open School (NOS) to the National Institute of Open Schooling (NIOS) with a mission to provide relevant continuing education at school stage.
- Up to pre-degree level through Open Learning system to prioritized client groups as an alternative to formal system, in pursuance of the normative national policy documents and in response to the need assessments of the people, and through it to make its share of contribution:
 - To universalisation of education,
 - To greater equity and justice in society, and
 - To the evolution of a learning society.

3.1 Function of NIOS

- To take steps for developing strategy plans for promoting and up scaling the Open Schooling programme in India;
- To provide technical and financial support to State Governments in India for setting up and up scaling of State Open Schools (SOSs);
- To develop needed action plan for making education equitable and inclusive for the marginalized and disadvantaged groups like girl/women, minorities, differently- able (physically and mentally challenged) etc.;
- To offer a wide spectrum of courses of study in general, vocational and continuing education and life enrichment courses up to pre-degree level;
- To develop need based Curricula and Self Learning Materials for (I) Open Basic Education (OBE), (II) Secondary and Senior Secondary Education, and (III) Vocational Education and Training (VET) Programmes with focus on skill development;
- To develop multi-media and multi-channel delivery modes for effective transaction of courseware to support courses and programmes;

- To provide effective student support services for facilitating learners by establishing study centres in agencies, organizations and institutions in India abroad;
- To conduct examinations and issue certificates to successful learners;
- To partner with National Literacy Mission under the Equivalency Programme for providing education/certification to neo-literates;
- To promote quality of learning in ODL through Monitoring, Supervision and Evaluation, maintaining equivalence of standards with the formal education system, while retaining its own distinct character;
- To undertake research, innovation and development activities in the area of Open Schooling and disseminate the findings to all stakeholders;
- To establish a data base on Open Schooling;
- To act as Resource Organization and Capacity Building Centre in open schooling at national as well as international level;
- To collaborate with national and international organizations for promotion of Open schooling;
- To partner with Government schemes and programmes at school sector for achieving the national goals and objectives;
- To provide professional/technical consultation in field of ODL to institutions/organizations/agencies in India and abroad.

References

- [1] I.R. Shaikh. *Introduction to Educational Technology & ICT*. Tata McGraw-Hill Education. ISBN: 9781259098093. URL: <https://books.google.co.in/books?id=Pf02AwAAQBAJ>.
- [2] R.A. Sharma. *Technological Foundation of Education: Theory, Practice & Research*. Surya Publication, 2001. URL: <https://books.google.co.in/books?id=GrdhGwAACAAJ>.

Self check questions

1. Write brief notes on UGC, IGNOU, NOS.
2. How these resources are helpful in education.

Topics for next class

State ET cells

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