SRINIVAS UNIVERSITY
Mangalore-575001, Karnataka (India)

Research Centre for E-Learning and Semantic Web
Srinivas University

Prof. Panchajanyeswari Achar

E-Learning Technologies:
A new model on e-learning based on WAP and Wi-Fi technology is proposed. Here, the information between business school and the students is transacted on a variety of mobile devices such as cellular phones, personal digital assistance, intelligent information appliances, and even automobiles. The proposed model not only consider the technological platforms, but also take in to account the factors such as the desired educational outcomes, the nature of the medium, the profile of the users, the need to be cost effective, the need to cater for different types of learning and the importance of appropriate teaching strategies for online learning. This effective and classical model is based on an understanding of the complexities of the different users, the medium, the subject matter and many other factors. The strengths of online learning model are increased access, greater flexibility for learning, interactive functionality, possible cost savings, and greater opportunities for collaboration. In this research an agent-based platform for support of mobile online learning using wireless devices is proposed. The platform allows customization and adaptation of mobile learning services as well as pro-active processing and notification of important classes & events. The research also emphasizes the planning choices need to be made in online teaching systems regarding the choice of target group, choice of subject matter, choice of enrolment scale, choice of scheduling and the choice of media in an online learning system for global reach.

Online Education Models & Strategies: Emerging digital technologies and increasing interest in the computerized delivery of higher education have led to e-learning through electronic mail, the Internet, the World Wide Web (WWW), and multimedia. Issues such as the confidence with which college faculty integrate technology in their teaching, plagiarism and communication remain as important unresolved questions. Considering these, the marketplace of learners is not responding to e-learning as anticipated. Understanding the importance of information systems, and of efforts to ensure that faculty use technology, as well as recognition of the marketplace, a framework has to be developed for success with e-learning.
E-learning, one of the tools emerged from information technology, has been integrated in

many university programs. There are several factors that need to be considered while developing or implementing university curriculums that offer e-learning based courses. This research is intended to specify e-learning critical success factors (CSFs) as perceived by university students.

Working Papers:

1. Analysis on the working of BYJU's App for mobile learning
2. Analysis on semantic web in mobile learning

Publication :

1. Panchajanyeshwari M. Achar, Learner Centered Teaching in Higher Education using Information Technology, Curriculum Design and Development for Student – Centric Learning, PP. 284-289 (April 2016), ISBN No.: 978-81-929306-9-5

2. Panchajanyeswari M Achar, Recent Advances In Information Technology: Role of Semantic Web Technology In E-Learning Environment, International Journal of Management, IT and Engineering (IJMIE), Volume 5, Issue 7, pp. 761-770, (July 2015), ISSN: 2249-0558, I.F. 5. 299.

3. Panchajanyeswari M Achar, "Recent Advances in Information Technology: Role of Semantic Web Technology In E   -Learning Conference "Recent Advances in IT, Management and Social Sciences", Manegma - 2015, Mangalore on 23rd April, 2015,   ISBN No. 978-81-929306-6-4.

4. Panchajanyeswari M Achar, "A Study on Factors Affecting Knowledge Management for E-Learning Systems" in National Conference "E-Learning, E-Business and E-Governance" on 24th January, 2015 at Srinivas Institute of Management Studies, Pandeshwar, Mangalore. ISBN No. 978-81-929306-4-0

5. Panchajanyeshwari Achar, "Changing Trends in Information Technology: A Study on Building an Intelligent Agent for E-Learning Systems" in National conference on Changing Trends in Management, IT, and Social Sciences, Manegma 2014, Mangalore, 09/04/2014, ISBN No. 978-81-929306-0-2, (2014).

6. Panchajanyeswari Achar, presented a paper titled "Security in Wireless LAN 2009" at SDM College, Mangalore in Recent trends in Wireless Communication System on 20-03-2009.