

Course Module:

Module/Course Title : ICT Applications in Information Institutions					
Module course code	Student workload	Credits	Semester	Frequency	Duration
LM212	3x50 minutes	3	3	Every Odd Semester	1 Semester
1	Type of course		Contact hours	Independent study	Class size
	a) Theory		14x @ 150 minutes	100 minutes	90
2	Prerequisites for participation (if applicable)				
3	Learning outcomes <ul style="list-style-type: none"> - Mastering Library and Information Theories, Communication Theories, and Theories of Other Sciences Relevant to the Development of Libraries, Information, Archives, Documentation and Museums; - Students are able to apply logical, critical, systematic and innovative thinking in the context of the development or implementation of science and technology that notice and applies humanity's values in accordance with their field of expertise; - Students are able to use and design ICT applications in the operationalization of libraries, information, documentation, archives and museums 				
4	Subject aims/Content <ul style="list-style-type: none"> - Students are able to explain the principles of ICT application development in the library; - Students are able to develop ICT application development concepts in libraries with individual performance, quality and measurable; - Students are able to analyze various ICT applications in the library and interpret the results responsibly; - Students are able to design ICT applications in libraries and present them with individual performance, quality and measurable performance. 				
5	Teaching methods				
	Encounter 1 <ul style="list-style-type: none"> - Understand the concept of Information and Communication Technology - Lecturer - Brainstorm - Presentation 				
	Encounter 2 <ul style="list-style-type: none"> - Identifying the Scope of Information and Communication Technology - Lecturer - Brainstorm - Presentation 				

	<p>Encounter 3</p> <ul style="list-style-type: none"> - Understand the concepts and procedures for developing ICT Applications - Lecturer - Brainstorm - Presentation
	<p>Encounter 4</p> <ul style="list-style-type: none"> - Understand the concepts and procedures for developing OPAC applications - Lecturer - Brainstorm - Presentation
	<p>Encounter 5</p> <ul style="list-style-type: none"> - Understand the concepts and procedures for developing Digital Library Applications - Lecturer - Brainstorm - Presentation - Practical
	<p>Encounter 6</p> <ul style="list-style-type: none"> - Understand the concepts and procedures for developing Electronic Library Applications - Lecturer - Brainstorm - Presentation
	<p>Encounter 7</p> <ul style="list-style-type: none"> - Understand the concepts and procedures for Library Automation development - Lecturer - Brainstorm - Presentation - Practical
	<p><i>MIDTERM EXAM</i></p>
	<p>Encounter 9</p> <ul style="list-style-type: none"> - Understand the concepts and procedures of E-Book development - Lecturer - Brainstorm - Presentation - Practical
	<p>Encounter 10</p> <ul style="list-style-type: none"> - Understand the concept and procedure of E-Journal development - Lecturer - Brainstorm

	<ul style="list-style-type: none"> - Presentation
	<p>Encounter 11</p> <ul style="list-style-type: none"> - Understand the concept and procedure of E-Journal development - Lecturer - Brainstorm - Presentation - Practical
	<p>Encounter 12</p> <ul style="list-style-type: none"> - Understand the concepts and development procedures of the Repository Application - Lecturer - Brainstorm - Presentation
	<p>Encounter 13</p> <ul style="list-style-type: none"> - Understand the concepts and development procedures of the Repository Application - Lecturer - Brainstorm - Presentation - Practical
	<p>Encounter 14</p> <ul style="list-style-type: none"> - Understand the concepts and development procedures of Introduction to Desktop Plagiarism Software - Lecturer - Brainstorm - Presentation
	<p>Encounter 15</p> <ul style="list-style-type: none"> - Understand the concepts and development procedures of Introduction to Desktop Plagiarism Software - Lecturer - Brainstorm - Presentation
	<p>FINAL EXAMS</p>
6	<p>Assessment methods</p> <p>Encounter 1</p> <ul style="list-style-type: none"> - Paper / - report - & Discussion
	<p>Encounter 2</p> <ul style="list-style-type: none"> - Paper / - Report - & Discussion

Encounter 3 <ul style="list-style-type: none">- Paper /- Report- & Discussion
Encounter 4 <ul style="list-style-type: none">- Paper /- Report- & Discussion
Encounter 5 <ul style="list-style-type: none">- Paper /- Report- & Discussion
Encounter 6 <ul style="list-style-type: none">- Paper /- Report- & Discussion
Encounter 7 <ul style="list-style-type: none">- Paper /- Report- & Discussion
MIDTERM EXAM
Encounter 9 <ul style="list-style-type: none">- Paper /- Report- & Discussion
Encounter 10 <ul style="list-style-type: none">- Paper /- Report- Discussion- Case Method
Encounter 11 <ul style="list-style-type: none">- Paper /- Report- Discussion- Case Method
Encounter 12 <ul style="list-style-type: none">- Paper /- Report- Discussion- Case Method
Encounter 13 <ul style="list-style-type: none">- Paper /

	<ul style="list-style-type: none"> - Report - Discussion - Case Method
	<p>Encounter 14</p> <ul style="list-style-type: none"> - Paper / - Report - Discussion - Case Method
	<p>Encounter 15</p> <ul style="list-style-type: none"> - Paper / - Report - Discussion - Case Method
	<p>FINAL EXAMS</p>
7	<p>This module/course is used in the following study programme/s as well</p> <p>Yes</p>
8	<p>Responsibility for module/course</p> <ol style="list-style-type: none"> 1. Dr. Cepi Riyana, M.Pd. 2. Gema Rullyana, M.I.Kom.
9	<p>Other Information</p> <ol style="list-style-type: none"> 1. Behavioral Guidelines and IFLA. (TT). Digital reference guidelines." library & information science Research, 30 (2): 122-137. 2. R. B. Allen. (TT). Interface issues for interactive multimedia documents. in advances in digital libraries '95, 1995. 3. Sharma, P., Singh, M., & Kumar, P. (2009). Approach to ICT in Library Training, Education and Technology: issues and challenges. Proceedings of ICAL. 4. Saleem, A., Shabana, T. S. Z., & Batcha, M. S. (2013). Application and uses of Information Communication Technology (ICT) in academic libraries: an overview. International Journal of Library Science, 2(3), 49-52. 5. Adekoya, C. O. (2018). Research Skills, ICT Application and Sustainable Library Development. Library Philosophy & Practice. 6. Cepi, R. (2010). Aplikasi teknologi informasi dan komunikasi dalam pembelajaran. Rajawali: Bandung. 7. Supriyanto, Wahyu. (2008). Teknologi informasi perpustakaan: Strategi perancangan perpustakaan digital. Yogyakarta: Kanisius. 8. Batubara, Hamdan Husein. (2017). Teknologi informasi dan komunikasi (TIK). Yogyakarta : Deepublish. 9. Shachaf, P. and Sarah M.H. (2008). Virtual reference service evaluation. Bostwana: Adherence to RUSA 10. Hayes, M., & Whitebread, D. (2006). ICT in the Early Years. UK: McGraw-Hill Education.

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