JNTUH eLSDM - eContent Version 2.0 - Overall Improvements

eContent Enhancements

- Learning Module GUI with Animated Icons
- eContent View - Full screen / Normal View in Learning Module
- Navigate across slides with Keyboard for Next, Back, Volume Increase/Decrease, Play/Pause
- Increased No. of Quiz questions across all the subjects
- Increased Solved Examples across all the subjects
- Increased Glossary Terms across all the subjects
- II Year - Semester II subjects organized as per R13 Syllabus
- Better Presentation of Concepts with Images/Animations, wherever applicable
- Better Explanation to Quiz Questions, wherever applicable

Portal Enhancements

- Access to Live Session Archives - Recorded Lectures
- Feedback form for all users to share the feedback and inputs
- Review Comments at subject level
- 5 Ratings for each subject by Users
- Faculty IDs - Creating Bulk User IDs
- Question Bank Preparation with Difficulty Levels
- Colleges Coordinator and Globarena Customer Relationship Executive Profiles with Photo

eStudio Initiatives

- Organized Live Sessions by Industry Experts on Technical, Soft Skills Topics
- Two-way Interaction between College Students and Expert Faculty, Q & A
- Webcasting to colleges

Steps taken to enhance usage

- Regular visits to colleges to spread awareness, Training to Faculty and Students
- Appointed Colleges Coordinators in each college, uploaded their profile on the portal
- Monthly Reports to Principal/College Management on Usage

S.No.	Year - Sem	Branch	Subject	Regulation	Solved Examples		No. of Quiz Questions		Remarks
			JNTUH eLSDM - eContent - Version 1.0 vs Version 2.0 - II Year to IV Year Semester - II List of Subjects						
					V1	V2	V1	V2	
1	II - II	ECE	Principles of Electrical Engineering	R13	61	77	100	112	
2	II - II	ECE	Electronic Circuit Analysis	R13	3	13	150	150	
3	II - II	ECE	Pulse and Digital Circuits	R13	25	25	90	90	
4	II - II	ECE	Environmental Studies	R13	0	0	55	190	
5	II - II	ECE	Electromagnestic Theory and Transmission Lines	R13	4	0	50	0	
6	II - II	ECE	Digital Design using Verilog HDL (New Subject -R13)	R13					Development in progress
7	II - II	EEE	Manegerial Economics & Financial Analysis	R13	16	73	130	195	
8	II - II	EEE	Power Systems - I	R13	20	20	80	80	
9	II - II	EEE	Electronic Circuits	R13	0	0	0	0	
10	II - II	EEE	Switching Theory and Logic Design	R13	0	56	0	130	
11	II - II	EEE	Network Theory	R13	62	83	80	80	
12	II - II	EEE	Electrical Machines - II	R13	38	38	85	85	
13	II - II	Mech	Production Technology	R13	0	0	40	240	
14	II - II	Mech	Kinematics of Machinery	R13	9	47	85	350	
15	II - II	Mech	Thermal Engineering - I	R13	0	26	60	280	
16	II - II	Mech	Mechanics of Fluids and Hydraulic Machines	R13	20	41	65	250	
17	II - II	Mech	Machine Drawing	R13	0	0	25	70	
18	II - II	Mech	Mathematics - II	R13	220	220	40	40	

19	II - II	CSE	Computer Organization (New Subject -R13)	R13					Development in progress
20	II - II	CSE	Database Management Systems	R13	12	12	176	176	
21	II - II	CSE	Java Programming (New Subject -R13)	R13					Development in progress
22	II - II	CSE	Environmental Studies	R13	0	0	55	190	
23	II - II	CSE	Formal Languages and Automata Theory	R13	19	19	80	80	
24	II - II	CSE	Design and Analysis of Algorithms	R13	33	39	134	142	
25	III - II	ECE	Digital Communications	R10	0	20	80	320	
26	III - II	ECE	Microprocessors & Microcontrollers	R10	33	60	160	225	
27	III - II	ECE	Digital Signal Processing	R10	16	18	83	86	
28	III - II	EEE	Electrical Measurements	R10	32	65	186	201	
29	III - II	EEE	Power Semiconductor Drives	R10	17	17	98	98	
30	III - II	EEE	Computer Methods in Power Systems	R10	21	27	90	105	
31	III - II	EEE	Environmental Studies	R10	0	0	55	190	
32	III - II	Mech	Industrial Management	R10	29	85	140	235	
33	III - II	Mech	Finite Element Methods	R10	0	21	40	240	
34	III - II	Mech	Automobile Engineering	R10	0	0	55	170	
35	III - II	Mech	Refrigeration and Air Conditioning	R10	0	20	95	350	
36	III - II	Mech	Design of Machine Members - II	R10	0	12	45	250	
37	III - II	Mech	Heat Transfer	R10	0	5	40	240	
38	III - II	CSE	Network Security	R10	40	82	200	220	
39	III - II	CSE	Compiler Design	R10	14	24	92	102	
40	III - II	CSE	Object Oriented Analysis and Design	R10	10	59	100	178	
41	III - II	CSE	Web Technologies	R10	0	0	80	0	
42	III - II	CSE	VLSI Design	R10	0	4	10	10	
43	III - II	CSE	Managerial Economics and Financial Analysis	R10	16	73	130	195	
44	III - II	CSE	Computer Graphics	R10	20	65	115	191	

45	III - II	CSE	Data Ware Housing and Data Mining	R10	20	68	100	220	
46	III - II	CSE	Embedded Systems	R10	0	0	80	320	
47	IV - II	EEE	HVDC Transmission	R10	22	22	100	100	
48	IV - II	Mech	Production Planning and Control	R10	20	20	80	95	
49	IV - II	CSE	Management Science	R10	30	80	150	230	
			TOTAL		**882**	**1636**	**3984**	**7501**	
			Percentage (%) Improvement			**85%**		**88%**	