UNDERGRADUATE STUDIES
(LEVEL I)

ENGINEERING MANAGEMENT

CURRICULUM

BOR, 2013.

FIRST YEAR - I SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
1	OIM1I1	Informatics I	2+0	4	AO
2	Elective Course I		3+3	8	TM
2.1	OIM1M1	*Mathematics I*			
2.2	OIM1M1M	*Mathematics I M*			
3	OIM1OEP	Basics of Business Economics	3+3	8	TM
4	OIM1OS	Basics of Sociology	3+1	4	TM
5	OIM1OM	Basics of Management	3+0	4	TM
6	OIM1EJ1	English Language I	1+1	2	AO
		Total	15+8	30	

FIRST YEAR - II SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
7	OIM1EJ1	English Language I	1+1	2	AO
8	OIM1I2	Informatics II	2+2	6	AO
9	OIM1OTE	Basicss of Market Economics	3+3	8	TM
10	OIM1OO	Basics of Organization	3+3	6	TM
11	Elective Course II		2+2	8	AO
11.1	OIM1KK	*Culture of Communications*			
11.2	OIM1OJ	*Public Relations*			
		Total	11+11	30	

SECOND YEAR – III SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
12	OIM2S	Statistics	3+3	9	TM
13	OIM2OM	Basics of Marketing	3+3	8	NS
14	OIM2P	Entrepreneurship	3+3	9	NS
15	OIM2EJ2	English Language II	1+1	4	AO
		Total	10+10	30	

SECOND YEAR – IV SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
16	OIM2EJ2	English Language II	1+1	2	AO
17	OIM2OP	Organizational Behavior	2+2	8	SA
18	OIM2OTPR	Basics of Technology and Merchandising	3+3	8	SA
19	OIM2FMR	Financial Management and Accounting	2+2	4	NS
20	OIM2UP	Production Management	3+3	8	SA
		Total	11+11	30	

THIRD YEAR – V SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
21	OIM3OI1	Operations Research I	3+3	8	NS
22	OIM3TO	Decision Theory	3+3	8	NS
23	OIM3TP	Reliability Theory	2+2	4	SA
22	Elective Course III		2+2	8	NS
24.1	OIM3MLjR	*Human Resource Management*			
24.2	OIM3RK	*Career Development*			
25	OIM3EJ3	English Language III	1+1	2	AO
		Total	11+11	30	

THIRD YEAR – VI SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
26	OIM3EJ3	English Language III	1+1	2	AO
27	OIM3UK	Quality Management	3+3	6	NS
28	OIM3TS	Theory of Systems	3+3	8	NS
29	OIM3OI2	Operations Research II	2+2	6	SA
30	Elective Course IV		2+2	8	NS
30.1	OIM3TOP	*Technology of Companies Organization*			
30.2	OIM3JUPR	*Management Of Work Processes*			
		Total	11+11	30	

FOURTH YEAR – VII SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
31	OIM4UP	Project Management	3+3	8	SA
32	OIM4PEJ	Business English Language	3+3	6	SA
33	OIM4PP	Business Law	2+0	4	AO
MODULE 1: PM*					
34	OIM4UNTI	Management of New Technologies and Innovations	3+2	6	SA
35	OIM4UIR	Management of Research and Development	3+0	6	NS
		Total	14+8	30	
MODULE 2:IM*					
34	OIM4NIT	Advanced Information Technologies	2+2	6	SA
35	OIM4MIS	Management Information Systems	2+2	6	NS
		Total	12+10	30	

FOURTH YEAR – VIII SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
36	OIM4SM	Strategic Management	3+3	4	NS
37	OIM4UR	Risk Management	2+2	2	NS
MODULE 1: PM*					
38	OIM4PKT	Planning And Cost Control	3+3	4	NS
39	Elective Course V		2+0	6	SA
39.1	OIM4PE	*Business Ethics*			
39.2	OIM4EM	*Business Ethics*			
40	Elective Course VI		2+0	6	SA
41.1	OIM4ISM	*Integrated Management Systems*			
41.2	OIM4UPR	*Change Management*			
42	OIM4SP	Professional Practice	0+0+0+0+4***	2	
43	OIM4ZR	Final Paper	0+0+0+0+6***	6	SA
		Total	12+8	30	
MODULE 2: IM*					
38	OIM4PI	Business Informatics	2+2	4	NS
39	Elective Course V		2+2	6	SA
39.1	OIM4RBP	*Relational Databases*			
39.2	OIM4ASB	*Algorithms and Data Structures*			
40	Elective Course VI		2+2	6	SA
41.1	OIM4PWD	*Business Web Design*			
41.2	OIM4RM	*Computer Networks*			
42	OIM4SP	Professional Practice	0+0+0+0+4***	2	
43	OIM4ZR	Final Paper	0+0+0+0+6***	6	SA
		Total	11+11	30	

*) PM- Business Management

**) IM- Information Management

***) other forms of classes are not counted in the weekly load.

Legend of Course group:

AO- Academic general educational;

TM- Theoretical methodological;

NS- Scientific and Professional;

SA- Professional applicative.