DEVI AHILYA VISHWAVIDYALAYA, INDORE

International Institute of Professional Studies (IIPS)

1.1.2
Minutes of the Meetings and Changes in Syllabus

Minutes of the workshop of Syllabus revision of B. Com. (Hon.) held on July 07, 2018.

* The present scheme of B. Com. (H) (adopted w.e.f. academic session 2015-16) will continue. There is no change, in the scheme.

* Syllabus of the subject Indirect Taxes revised, in light of the introduction of GST. in india.

* Syllabus of Indirect Taxes of B. Com (H) will be implemented in MBA (ms) 5 yr SEM V for Indirect Taxes subject.

S. Prasiddh.   Rahul Jain 7.7.18   7/7/18   7/7/18

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Scheme of Undergraduate Course B. Com. (Hons.) w.e.f. Academic Session 2015-16

Semester I

Code	Subject	Credits
IB-105	Micro Economics	4
IB-107	Computer Fundamental	4
IB-102	Business Maths	4
IB-105A	Principles and Practices of Management	4
IB-103A	Business Communication and Personality Development	4
IB-101	Financial Accounting –I	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

SEM -II

Code No.	Subject	Credits
IB-201	Financial Accounting-II	4
IB-202	Business Statistics	4
IB-203	Business Law	4
IB-203C	Hindi	4
IB-205	Organisational Behavior	4
IB-206A	Programming with C++	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

Semester III

CODE	SUBJECT	Credits
IB-302	Cost Accounting	4
IB-304A	Marketing Management	4
IB-312	Operations Research	4
IB-301	Corporate Accounting	4
IB-310A	RDBMS	4
IB-311	Indirect Taxes	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

SEM -IV

Code No.	Subject	Credits
IB-401	Income Tax	4
IB-404	Company Law	4
IB-412	Human Resource Management	4
IB- 408	Entrepreneurship	4
IB-411	Accounting Information System and Packages	4
IB-403	Management Accounting	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

Semester V

Code no.	Subjects	Credits
IB505	Banking and Insurance	4
IB504A	E-Business	4
IB510	Macro Economics	4
IB501A	Advanced Accounting	4
IB502A	Indian Financial System	4
IB503A	Secretarial Practice	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

SEM-VI

Code No.	Subject	Credits
IB- 610	International Business	4
IB-605	Financial Management	4
IB-603A	Public Finance And Treasury	4
IB-602	Auditing	4
IB-611	Management Information System	4
IB-601A	Corporate Tax Planning	4
	Comprehensive Viva-Voce	4
	Lab Viva	1
	Seminar	1

INDIRECT TAXES

Course Objective: To acquaint students with various provisions of Indirect taxation laws after implementation of Goods and Service Tax Act, 2017. Level of Knowledge required is Working Knowledge.

Course Contents:

1. **Goods and Services Tax Act, 2017:**
    Introduction of GST:- Fundamentals of GST ,Constitution [101st Amendment] Act, 2016 , What is GST, Advantages of GST, Need for GST in India, One Nation - One Tax, Dual GST Model, Introduction of Central Goods and Services Tax Act, 2017 (CGST), State Goods and Services Tax Act, 2017 (SGST), Union Territory Goods and Services Tax Act, 2017 (UTGST) , Integrated Goods and Services Tax Act, 2017, (IGST) Goods and Services Tax Network [GSTN] ,GST Council, Important Definitions under CGST Law.

2. **Levy and Collection of Tax :-** Meaning of Supply , Scope of Supply, Composite and Mixed Supplies , Levy and Collection, Composition Levy, Person Liable to pay GST. Time of Supply and Value of Supply.

3. **Input Tax Credit :-** Introduction and Meaning of Input Tax Credit , Eligibility to avail Input Tax Credit (ITC)

4. **Registration, Accounts and Records under GST:-** Introduction, Persons not liable for Registration , Compulsory Registration in Certain Cases, Procedure for Registration , Cancellation of Registration , Revocation of Registration, Tax Invoice Credit and Debit Notes, Accounts & Records, Audit under GST, Types of Audit, Compulsorily Audit , Period for Retention of Accounts.

5. **Payment of Tax and Returns under GST:-** Computation of Tax Liability and Payment of Tax, Interest on Delayed Payment of Tax, Furnishing of Returns , First Return , Revision of Returns , Penalty and Late Fee.

6. **Refund-** Manner of processing of refund claim, interest payable on delayed refund, cases in which refund on import duty/export duty is made, principle of doctrine of unjust enrichment.

7. **GST: Customs**
    Origin & Introduction of custom Duty, Types of Custom duty, Exemption from custom duty, valuation of goods (imported & exported) , levy of custom duty. Introduction to Custom Procedures (Import Procedures and Export Procedure), Brief outline to baggage, Warehousing, Duty Drawback.

Suggested Readings:-

1. **Study Material : Material issued by ICAI and the Institute of Cost Accountants of India.**
2. **Indirect Taxes, GST Ready Reckoner-V.S. Datey**
3. **Basics of GST by Taxmann**
4. **Websites: www.icmai.com www.icai.org**

Scheme of Undergraduate Course B. Com. (Hons.)

Semester I

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IB-105	Micro Economics	4
IB-107	Computer Fundamental	4
IB-102	Business Maths	4
IB-105A	Principles and Practices of Management	4
IB-103A	Business Communication and Personality Development	4
IB-101	Financial Accounting –I	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

SEM -II

Code No.	Subject	Credits
IB-201	Financial Accounting-II	4
IB-202	Business Statistics	4
IB-203	Business Law	4
IB-203C	Hindi	4
IB-205	Organisational Behavior	4
IB-206A	Programming with C++	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

Semester III

CODE	SUBJECT	Credits
IB-302	Cost Accounting	4
IB-304A	Marketing Management	4
IB-312	Operations Research	4
IB-301	Corporate Accounting	4
IB-310A	RDBMS	4
IB-311	Indirect Taxes	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

SEM -IV

Code No.	Subject	Credits
IB-401	Income Tax	4
IB-404	Company Law	4
IB-412	Human Resource Management	4
IB-408	Entrepreneurship	4
IB-411	Accounting Information System and Packages	4
IB-403	Management Accounting	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

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de no.	Subjects	Credits
505	Banking and Insurance	4
504A	E-Business	4
510	Macro Economics	4
501A	Advanced Accounting	4
502A	Indian Financial System	4
503A	Secretarial Practice	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

M-VI

de No.	Subject	Credits
610	International Business	4
605	Financial Management	4
603A	Public Finance And Treasury	4
602	Auditing	4
611	Management Information System	4
601A	Corporate Tax Planning	4
	Comprehensive Viva-Voce	4
	Lab Viva	1

s per directives of Hou'ble V. C., Seminars and
resentations will not be counted in faculty
eaching load and will be treated over and
above. Hence, this revision in scheme.

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24/07/18 24/07/18

IIPS, DAVV

Proposal for Departmental Committee

Sub:- Approval of new specialization schemes for MBA(MS) 5yrs PG and MBA(MS) 2yrs

A workshop was conducted at IIPS in June 2015 to review the course structure, curriculum and course content of various programs. Opinion was gathered from industry experts, subject experts, faculty, alumni and students. The outcome of this workshop is to offer the new scheme of specialization from July 2015.

- The scheme of Dual specialization and Single specialization is proposed to be offered to students in Marketing, Finance and HR
- The credits in each semester are proposed to be in accordance with new Ordinance 31.
- This being the introductory year for this new scheme, it is possible that less number of students opt for any particular option. Therefore, it is proposed that the present scheme will be offered even if there are minimum 5 students in a group.
- The proposed scheme has been approved by the expert panel.
- The proposed scheme has also been approved by Program Incharges of all programs of IIPS.
- The Schemes approved by Expert Panel and Minutes of PI Meeting are enclosed

Submitted for approval.

Program Incharge
MBA(MS) 5yrs PG

Program Incharge
MBA(MS) 2yrs

International Institute of Professional Studies
MBA(MS) 2yrs
Scheme Proposed From July'15 onwards

As per the revisions proposed in the course review workshop at IIPS, the structure of MBA(MS) program needs to b reviewed keeping in mind the following objectives :-

- Enrich the course in terms of quality
- Reduce the number of hours spent for theoretical teaching so that practical exposure can be added by the students.
- Increase academic flexibility.

Changes Proposed

- Break up of credits Present and Proposed (Over Two Years)

S.No	Type of subject /Area	Number of subjects		Credits per subject		Total Credits	
		Present	Proposed	Present	Proposed	Present	Proposed
1	Core	20	16	4	4	80	64
2	Electives	12	12	4	4	48	48
3	DMS /MRP	4	4	4	4	4	4
4	Seminar / Industrial Training / Field Study	0	2	0	2	0	4
	Total	38	36	4	4	132	120
	Average Credit per semester					33	30
	CV	4	4	4	4	16	16

Electives and specialization scheme to be offered from July 2015

> ## Sem I and II - Proposed Scheme

The students joining MBA(MS) program are primarily from two backgrounds- Technical and Non Technical in terms of their graduation. The students from technical background are well versed with basics of IT and CS. Whereas, the students from Non Technical background are well versed with basics of accounting. Therefore, it is proposed that an elective option may be added from the first semester itself. This will increase the academic flexibility

Subjects offered	Choice	Credits
Core 1	Compulsory	4
Core 2	Compulsory	4
Core 3	Compulsory	4
Core 4	Compulsory	4
Core 5	Compulsory	4
Core 6	Compulsory	4
Elective 1	Select Any one	4
Elective 2		4
Seminar / Industrial Visit	Compulsory	2
Total Subjects -7,	Total Credits - 30	

1

> Sem III and IV -Proposed Scheme

In order to increase academic flexibility, without reducing the richness and quality of course, following structure is proposed. The student can select as per following scheme

Core / Elective / Specialisation	Semester III & IV sem (Group A is for Dual specialization and Group B is for Super Specialisation)			
	Code	Subject	Code	Subject
Core (Compulsory)	1) Subject 1 , 2) MRP /DMS (Only in III Sem)			
Elective Marketing	GROUP MA		GROUP MB	
	MA-1		MA-4	
	MA-2		MA-5	
	MA-3		MA-6	
Elective Finance	GROUP FA		GROUP FB	
	FA-1		FA-4	
	FA-2		FA-5	
	FA-3		FA-6	
Elective HR	GROUP HA		GROUP HB	
	HA-1		HA-4	
	HA-2		HA-5	
	HA-3		HA-6	
Total Subjects – 7 + 1 MRP / DMS, Total Credits 30				

The student will have the following options :-

1)	Dual Specialisation –	a) MA+FA	b) MA +HA	c) FA +HA
2)	Single Specialisation –	a) MA +MB	b) FA +FB	c) HA+HB

1) One core subjects will be offered it will be compulsory
2) Three specialization area will be offered – Marketing, Finance and HR
3) The student will have to choose any one –
   - A Dual Specialisation - The student will choose any set of electives from Group A. Group B will NOT be available as a choice.
   - A Super Specialisation – The student will choose any one set of electives from Group A and second set of electives from Group B of SAME specialization.
4) The choice of "Dual specialization" or "Super Specialisation" will be chosen by the student at the beginning of third semester and will remain same in fourth semester. It will not be changed under any circumstances.

Advantages of New Scheme

- Almost Same Number of Total Subjects being offered (Present scheme -20 , Proposed Scheme -19)
- More academic flexibility to students (Present scheme – Major and Minor, Proposed scheme – Dual or Super, Present – 3 combinations, Proposed – 6 combinations)
- Reduced Credits (Present 148, proposed 132) – More time for out of class activities
- Reduced number of classroom hours each day (Time tables can be squeezed in short time due to NON overlap of specializations)
- Same Class room resources are utilized (three rooms – but for lesser hours)
- Electives in Sem I and II also
- More Electives (Present 32 / 56, proposed 28 /54)
- Seminar / Field Visit / Industrial Training will improve the learning

2

Subjects to be Offered from July 2015

Core / Elective	Semester I		Semester II	
Core	FT - 101	Principles and Practices of Management	FT 201	Principles of Marketing Mgt.
Core	FT - 105	Human Resource Management	FT 202	Interpersonal & Org. Behaviour
Core	FT – 107 D	Managerial Economics	FT 203	Macro Economics
Core	FT-112 A	Business Laws	FT 207	Production & Operations Mgt.
Core	FT - 113	Business Mathematics and Statistics	FT 206B	Quantitative Techniques
Core	FT -114	Soft Skills for Managers	FT 208	Research Methodology
Elective*	FT – 104B	IT for Managers – I	FT204A	IT for Managers-II
Elective*	FT – 102 A	Business Accounting	FT 205	Financial Management
Compulsory		Seminar / Industrial Training / Internship		Seminar / Industrial Training /Internship

- 6 Core subjects will be compulsory in each semester. Any 1 Elective will be chosen in each semester

3

Core / Elective / Specialisation	Semester III (Group A is for Dual specialization and Group B is for Single Specialisation)				
	Code	Subject		Code	Subject
Core (Compulsory)		1) Strategic Management , 2) MRP / DMS			
Elective Marketing		**GROUP MA**			**GROUP MB**
		Integrated marketing Communication			Digital Marketing
		Sales and Distribution Management			Rural and Retail Marketing
		Consumer Behaviour			Global Marketing
Elective Finance		**GROUP FA**			**GROUP FB**
		Security Analysis and Portfolio Management			Taxation for Managers
		Financial Markets and Financial Services			Corporate Financial Analysis
		Insurance and Banking			Financial Engineering and Risk Management
Elective HR		**GROUP HA**			**GROUP HB**
		HRD			Strategic HRM
		Training and Development			HR Planning and Audit
		Managing People			Compensation and Reward Management

Core / Elective / Specialisation	Semester IV (Group A is for Dual specialization and Group B is for Single Specialisation)				
	Code	Subject		Code	Subject
Core (Compulsory)		Business Ethics and Corporate Governance			
Elective Marketing		**GROUP MA**			**GROUP MB**
		Product and Brand Management			Industrial Marketing
		Strategies and Modeling in Marketing			Logistic and Supply Chain Management
		Service Marketing			Marketing Research
Elective Finance		**GROUP FA**			**GROUP FB**
		International Finance			Bank Management
		Financial Planning and Wealth Management			Strategic Financial Management
		Project Finance			Financial Research
Elective HR		**GROUP HA**			**GROUP HB**
		Performance Planning and Appraisal			International HRM
		Industrial Relations and Labour Laws			Managing Diversity
		Organisation Development			HR Based Business Process Transformation

MBA MS 2 Yrs, IIPS, DAVV Indore

Scheme Revision and Syllabus Upgradation workshop 2018 minutes

Scheme Revision and Syllabus Upgradation workshop for MBA MS 2 yrs was organised on 6.07.18 and 10.7.18 . Following faculty and experts were present to participate in the workshop.

Dr. Geeta Sharma
Dr. Geeta Nema
Dr. Jyoti Sharma
Dr. Manish Sitlani
Dr. S.C. Patidar
Dr. Ravindra Yadav
Dr. Anshu Bhati
Dr. Pooja Jain
Dr. Jyoti Jain
Mr Kapil Tarey
Dr Ramesh Thakur

Dr. Sujata Parwani
Dr Muskan Karamchandani
Mr. Surendra Malviya
Dr. Kapil Jain
Dr. Manminder Singh Saluja
Ms. Nirmala Sawan
Ms. Navneet Bhatia
Mr. Naresh Dembla
Ms. Neha Chouhan
Mr Hemant Ramchandani

Existing scheme for program was reviewd for credit requirement as per revised ordinance 31.
Two new courses were introduced considering employment need.
Detail document for existing and proposed scheme is attached herewith.
Syllabuss were also revised considering industry need and a revised copy of syllabus is attached herewith.

Dr Geeta Sharma
Program Incharge
MBA MS 2yrs .

18

International Institute of Professional Studies, DAVV, Indore
MBA (MS) 2 Years Program Scheme

Core / Elective	Existing Semester I FT 2K 17		Credit	Proposed Semester I FT 2K 18 onwards		Credit
Core	FT - 101	Principles and Practices of Management	4	FT - 101	Principles and Practices of Management	4
Core	FT - 105	Human Resource Management	4	FT - 105	Human Resource Management	4
Core	FT - 107 D	Managerial Economics	4	FT – 107 D	Managerial Economics	4
Core	FT-112 A	Business Law	4	FT-112 A	Business Law	4
Core	FT - 113	Business Mathematics and Statistics	4	FT - 113	Business Mathematics and Statistics	4
Core	FT -114	Soft Skills for Managers	4	FT -114	Soft Skills for Managers	4
Elec 1	FT – 102A	Business Accounting	4	FT – 102A	Business Accounting I	4
Elec 2	FT – 104 B	IT for Managers – I		FT 1***	Production & Operations Mgt.	
Compulsory	FT - 115	Seminar	2	FT 2***	Lab:Data Visualisation (using excell or/and tableau etc.	2
		Total Valid Credit	30		Total Valid Credit	30
		Comprehensive Viva-Voce	04		Comprehensive Viva-Voce	04
		Total Semester Credits	34		Total Semester Credits	34

Core /Elec	Existing Semester II till FT 2K 17		Credit	Proposed Semester II FT 2K 18 onwards		Credit
Core	FT 201	Principles of Marketing Mgt.	4	FT 201	Principles of Marketing Mgt.	4
Core	FT 202A	Interpersonal & Org. Behaviour	4	FT 202A	Interpersonal & Org. Behaviour	4
Core	FT 203B	Business Economics (Macro)	4	FT 203B	Business Economics (Macro)	4
Core	FT 210	Research Methods	4	FT 2**	Research Methodology	4
Core	FT 205	Financial Management	4	FT 205	Financial Management	4
Core	FT 206B	Quantitative Techniques For Business	4	FT 2**	Business accounting II	4
Elective 1	FT 207A	Production & Operations Mgt.	4	FT 206B	Quantitative Techniques For Business	4
Elective 2	FT204A	IT for Managers-II		FT 2**	IT for Business	
Compulsory	FT 214	Seminar	2		Lab: Research Tools -SPSS or/and SAS or/and Excell or/and R	2
		Total Valid Credit	30		Total Valid Credit	30
		Comprehensive Viva-Voce	04		Comprehensive Viva-Voce	04
		Total Semester Credits	34		Total Semester Credits	34

Existing Credit
Valid Credit- Core 8 + Elective 12 + Elective 12 = Total 32 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 36
Proposed Credit
Valid Credit- Core subject 1 (4) + Elective Subject 3(12) + Elective subject 3 (12) = Total 28 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 32

Semester IV (Group A is for Dual specialization and Group A plus B is for Single Specialisation)

	Existing Semester III till FT 2k 16		Credit	Proposed Semester III Revised for FT 2K 17 onwards		Credit
ore	FT-301D	Strategic Management	4	FT-301D	Strategic Management	3
ective 1	FT302D	Decision Making Skills	4	FT302D	Decision Making Skills	3
	FT 3***	MRP		FT 3***	Dessertation	
	GROUP A				**GROUP A**	
	FT-304MA	Integrated Marketing Communication	4	FT-304MA	Integrated Marketing Communication	4
larketing	FT-305MA	Consumer Behaviour	4	FT-305MA	Consumer Behaviour	4
	FT-307MA	Sales and Distribution Management	4	FT-307MA	Sales and Distribution Management	4
	FT-314FA	Security Analysis and Portfolio Management	4	FT-314FA	Security Analysis and Portfolio Management	4
Finance	FT-315FA	Financial Markets and Financial Services	4	FT-315FA	Financial Markets and Financial Services	4
	FT-316FA	Insurance and Banking	4	FT-316FA	Insurance and Banking	4
	FT-314HA	Human Resource Development	4	FT-314HA	Human Resource Development	4
HR	FT-315HA	Training and Development	4	FT-315HA	Training and Development	4
	FT-316HA	Managing People	4	FT-316HA	Managing People	4
	GROUP B				**GROUP B**	
	FT-311MB	Digital Marketing	4	FT-311MB	Digital Marketing	4
Marketing	FT-312MB	Global Marketing	4	FT-312MB	Global Marketing	4
	FT-313MB	Rural and Retail Marketing	4	FT-313MB	Rural and Retail Marketing	4
	FT-309FB	Corporate Financial Analysis	4	FT-309FB	Corporate Financial Analysis	4
Finance	FT-310FB	Financial Engineering and Risk Management	4	FT-310FB	Financial Engineering and Risk Management	4
	FT-312FB	Taxation for Managers	4	FT-4***	**Financial Planning and Wealth Management**	4
	FT 311 HB	Strategic HRM	4	FT 311 HB	Strategic HRM	4
HR	FT 312 HB	HR Planning and Audit	4	FT 312 HB	HR Planning and Audit	4
	FT 313 HB	Compensation and Reward Management	4	FT 313 HB	Compensation and Reward Management	4

Existing Credit
Valid Credit- Core 8 + Elective 12 + Elective 12 = Total 32 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 36

Proposed Credit
Valid Credit- Core subject 2(6) + Elective Subject 3(12) + Elective subject 3 (12) = Total 30 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 34

2

Semester IV (Group A is for Dual specialization and Group A plus B is for Single Specialisation)

	Existing till FT 2k 16			Proposed for FT 2k 17 onwards		
Core	FT-402B	Business Ethics and Corporate Governance	4	FT-402B	Business Ethics and Corporate Governance	4
		GROUP A			**GROUP A**	
Marketing	FT-416MA	Product and Brand Management	4	FT-416MA	Product and Brand Management	4
	FT-417MA	Strategies and Modeling in Marketing	4	FT-417MA	Strategies and Modeling in Marketing	4
	FT-418MA	Service Marketing	4	FT-418MA	Service Marketing	4
Finance	FT-416FA	International Finance	4	FT-416FA	International Finance	4
		Financial Planning and Wealth Management	4	FT-***	**Taxation for Managers**	4
	FT-418FA	Project Finance	4	FT-418FA	Project Finance	4
HR	FT-416HA	Performance Planning and Appraisal	4	FT-416HA	Performance Planning and Appraisal	4
	FT-417HA	Industrial Relations and Labour Law	4	FT-417HA	Industrial Relations and Labour Law	4
	FT-418HA	Organisation Development	4	FT-418HA	Organisation Development	4
		GROUP B			**GROUP B**	
Marketing	FT-416MB	Industrial Marketing	4	FT-416MB	Industrial Marketing	4
	FT-417MB	Logistic and Supply Chain Management	4	FT-417MB	Logistic and Supply Chain Management	4
	FT-418MB	Marketing Research	4	FT4***	**Data Analytics**	4
Finance	FT-416FB	Bank Management	4	FT-416FB	Bank Management	4
	FT-417FB	Strategic Financial Management	4	FT-417FB	Strategic Financial Management	4
	FT-418FB	Financial Research	4	FT4***	**Data Analytics**	4
HR	FT-416 HB	International HRM	4	FT-416 HB	International HRM	4
	FT-417 HB	Managing Diversity	4	FT4***	**Data Analytics**	4
	FT-418HB	HR Based Business Process Transformation	4	FT-418HB	HR Based Business Process Transformation	4

Existing Credit
Valid Credit- Core 4 + Elective 12 + Elective 12 = Total 28 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 32

Proposed Credit
Valid Credit- Core subject 1 (4) + Elective Subject 3(12) + Elective subject 3 (12) = Total 28 Credit
Virtual Credit Comprehensive Viva-voce 4
Total Credit for Semester = 32

<u>Minutes – Scheme & Course Revision 2015</u>

In one week workshop conducted on "syllabus and scheme revision" MBA (APR) program scheme and syllabus review was done at IIPS, DAVV:

Following are the highlights of the meeting:

1. Scheme of the APR program is revised.
2. Number of subjects are made to seven (7) from eight (8) in each semester, keeping in mind ordinance and industry requirements.
   2.1 To bring the above change in program scheme, rural and retail marketing are clubbed, and AFM I and AFM II are also clubbed.
   2.2 Sales promotion is clubbed into with Integrated Marketing Communication and on the same lines management of Ad Agency is clubbed with Advertising Management.
   2.3 CRM and entrepreneurship are dropped from course, as per experts suggestion.
3. A new subject "Seminar/ Internship presentations" is introduced in every semester. The subject is of Two (2) credits.
4. Major Research Project subject is made an elective subject with Decision Making Skills.
5. Scheme and content are attached.

Following experts attended the meeting –

1. Mr. Atul Bhatia
2. Mr. Amit Sakunia
3. Ms. Rahul Pandey
4. Dr. Jyoti Sharma
5. Dr. Manish Sitlani
6. Dr. Geeta Nema
7. Dr. Geeta Sharma
8. Dr. Suresh Patidar
9. Dr. Pooja Jain
10. Dr. Anshu Bhati
11. Dr. Surendra Malviya

International Institute of Professional Studies
DAVV, Indore

MBA (APR) 2 YRS

WEF July 15

Semester I		Semester II	
APR-101B	Principles of Advertising Management	APR-201A	Public Relations
APR-102	Principles of Marketing Management	APR-202	Marketing Research
APR-109	Computer Application	APR-203	Creative Writing
APR-112	Integrated Marketing Communications	APR-209	Mass Communication
APR-113	Fundamentals of Management	APR-201	Media Planning
APR-106	Business Statistics & Quantitative Techniques	APR-206A	Business Communication and Personality Development
APR-110	Organizational Behavior	APR-212	Client Servicing & Account Planning
APR-114	Seminar	APR-213	Presentation on internship/ Field Work
APR-108	Comprehensive Viva	APR-208	Comprehensive Viva

Semester III		Semester IV	
APR-306B	Computer Graphics	APR-415	Audio -Visual Production
APR-308	Service Marketing.	APR-402B	Marketing Strategies
APR-302	Commercial Designing	APR-403	Direct Marketing & Event Management
APR-301C	Corporate Communication	APR-408	Brand Management
APR-302B	Consumer Behaviour	APR-401A	Rural & Retail Marketing
APR-312/ APR-314	Decision Making Skills/MRP	APR-401B	Accounting and Finance for Managers
APR-313	Presentation on internship /Field Work	APR-414	Seminar
APR-307	Comprehensive Viva	APR-406	Comprehensive Viva

Minutes – Scheme & Course Revision 2018

MBA (APR)

First meeting of scheme revision and course revision was held on 12/07/18.

On concluding (VII) day of one week workshop on syllabus and scheme revision at IIPS, DAVV, APR scheme and syllabus review was done:

Following are the highlights of the meeting:

1. Scheme of the APR program is revised.
2. Content revision and upgradation took place.
3. A new subject "Digital Marketing" is introduced and syllabus for the same is prepared.
4. Scheme and content and attached.

Following experts attended the meeting –

1. Mr. Shishir Somani
2. Ms. Sonali Gupta
3. Ms. Rewa Nandedkar
4. Mr. Manish Dhane
5. Dr. Jyoti Sharma
6. Dr. Geeta Nema
7. Dr. Geeta Sharma
8. Dr. Suresh Patidar
9. Dr. Manminder Singh
10. Dr. Kapil Jain
11. Dr. Pooja Jain
12. Dr. Anshu Bhati
13. Dr. Surendra Malviya
14. Dr. Jyoti Jain

Second meeting of course revision was held on 24/07/2018.

As per directives of Hon'ble Vice Chancellor of D.A.V.V, Indore, presentations and seminars not to be counted in faculty teaching load was to be treated over and above actual credits.

This was concluded in the final meetings.

Following experts were present:

1. Dr. Anand Sapre
2. Dr. Jyoti Sharma
3. Dr. Geeta Nema

International Institute of Professional Studies
Course curriculum scheme for MBA (APR) 2 Yrs PG Batch 2018

Subject Code	Sem I	Subject Code	Sem II
APR-101 B	Principles of Advertising Management	APR-201	Media Planning
APR-102	Principles of Marketing Management	APR-201A	Public Relations
APR-106	Business Statistics & Quantitative Techniques	APR-2**	Advertising and PR Research
APR-110	Organizational Behavior	APR-203	Creative Writing
APR-112	Integrated Marketing Communications	APR-206 A	Business Communication and Personality Development
APR-113	Fundamentals of Management	APR-209	Mass Communication
APR – 1**	Accounting and Finance for Managers	APR-212	Client Servicing & Account Planning
APR- 108	Comprehensive Viva	APR- 208	Comprehensive Viva
	7 subjects * 4 credits = 28 credits		**7 subjects * 4 credits = 28 credits**

Subject Code	Proposed For 2K18 onwards Sem. III	Subject Code	Proposed For 2K18 onwards Sem. IV
APR-301C	Corporate Communication.	APR-401A	Rural & Retail Marketing
APR-302	Commercial Designing	APR-402B	Marketing Strategies
APR-302B	Consumer Behavior	APR-403	Direct Marketing & Event Management
APR-306B	Computer Graphics	APR-408	Brand Management
APR-308	Service Marketing.	APR-415	Audio -Visual Production
APR-3**	Decision Making Skills/ Dissertation	APR – 4**	Digital Marketing
APR-307	Comprehensive Viva	APR- 406	Comprehensive Viva
	6 subjects * 4 credits = 24 credits		**6 subjects * 4 credits = 24 credits**

Total Credits (For Batch 2018 onwards)   104 credits
Virtual credits of CV in I,II, III and IV = 4*4 = 16 credits   **GRAND TOTAL = 120 Credits**

On 7th day of one week workshop on syllabus and scheme revision, APR scheme and syllabus review was done:

Following are the highlights of the meeting:

① Scheme of the APR program is ~~modified~~ revised.

② Content revision and upgradation took place.

③ A new subject "Digital Marketing" is introduced and syllabus for the same is prepared.

④ Schemee and contents are attached.

Following experts attended the meeting —

Sonal.
12/7/18

SHISHIR
12.07.2018

12.7.18

REWA
12/7/18

Jyotiken
12.07.2018

Minutes

Attendance of 7th day of one week workshop on syllabus and scheme revision of various program of management.

External Experts

Mr. Shishir Somani   12.07.2018

Ms. Sonali Gupta

Ms. Rewa Nandedkar

Internal Experts

Dr. A. K. Sapre

Dr. Geeta Sharma

Dr. Geeta Nema

Dr. Kapil Jain   12.7.18

Dr. Manminder Singh

Dr. Pooja Jain

International Institute of Professional Studies
Course curriculum scheme for MBA (APR) 2 yrs PG
w.e.f. Batch 2018-2020

Subject Code	Existing APR -I	Subject Code	Proposed For 2K18 onwards Sem. I
APR -101B	Principles of Advertising Management	APR-101 B	Principles of Advertising Management
APR – 102	Principles of Marketing Management	APR-102	Principles of Marketing Management
APR-106	Business Statistics & Quantitative Techniques	APR-106	Business Statistics & Quantitative Techniques
APR -109	Computer Application	APR-110	Organizational Behavior
APR-110	Organizational Behavior	APR-112	Integrated Marketing Communications
APR-112	Integrated Marketing Communications	APR-113	Fundamentals of Management
APR-113	Fundamentals of Management	APR – 1**	**Accounting and Finance for Managers**
APR -114	Seminar		
Credits	7 subjects * 4 credits = 28 credits 1 subject*2credit=2 credit Total 30 Credits		7 subjects * 4 credits = 28 credits

International Institute of Professional Studies
Course curriculum scheme for MBA (APR) 2 yrs PG

Subject Code	Existing APR -II	Subject Code	Proposed For 2K18 onwards Sem. II
APR-201	Media Planning	APR-201	Media Planning
APR-201A	Public Relations	APR-201A	Public Relations
APR-202	Marketing Research	APR-2**	**Advertising and PR Research**
APR-203	Creative Writing	APR-203	Creative Writing
APR-206 A	Business Communication and Personality Development	APR-206 A	Business Communication and Personality Development
APR-209	Mass Communication	APR-209	Mass Communication
APR-212	Client Servicing & Account Planning	APR-212	Client Servicing & Account Planning
APR -214	Presentation on Internship/Field Work/ Seminar		
Credits	7 subjects * 4 credits = 28 credits 1 subject*2credit=2 credit Total 30 Credits		7 subjects * 4 credits = 28 credits

As per directives of Hon'ble Vice Chancellor, Presentation and Seminars will not be counted in faculty teaching load and will be treated over and above actual credits.

Batch 2k15 → Sem I onwards
Batch 2k14 – Sem III onwards

MBA (Tourism) 2 year

Sem I		Sem II		Sem III		Sem IV	
Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Fundamentals of Tourism.	Fundamentals of Tourism.	Geography of International Tourism.	Geography of International Tourism.	Cargo Management,	Cargo Management.	Conference, Convention & Event Management	Conference, Convention & Event Management
Geography of Indian Tourism.	Geography of Indian Tourism	Tourism Products of India.	Tourism Products of India.	International Ticketing.	International Ticketing.		
Airline Management I		Travel Agency Management	Travel Agency Management	Hotel Operations and Management.	Hotel Operations and Management.		
				Airline Management II	Airline Management		
Fundamentals of Management.	Fundamentals of Management.	Consumer Behavior	Consumer Behavior	Service Marketing Strategies	Service Marketing Strategies		
Principles of Tourism Marketing	Principles of Tourism Marketing						
Accounting and Finance for Tourism I	Accounting and Finance for Tourism	Accounting and Finance for Tourism II					
Quantitative and Statistical Techniques	Quantitative and Statistical Techniques	Research Methodology	Research Methodology			Major Research Project	Major Research Project/DMS E-commerce for Tourism
Fundamentals of Computer Application	Fundamentals of Computer Application			E-commerce for Tourism			
		Business Communication and Personality Development	Business Communication and Personality Development	Organization Behavior	Organization Behavior		
		French I	French I	French II	French II	French III	
		(foreign language)		(foreign language)		Entrepreneurship.	Entrepreneurship.
						Economics for Tourism.	Economics for Tourism.
				Hotel work/ Internship Seminar Presentation		Legal Aspects of Tourism	Legal Aspects of Tourism
Internship Seminar	Fieldwork/ Internship/Seminar/Presentation(2 credit)		Fieldwork/ Internship/ Seminar/Presentation (2 credit)				

32 CV   30 CV   32 CV   30 CV   32 CV   28 CV   32 CV   24
30 CV   30   32   30   32   28 & 2   24   24
                   30   32   30   32   24   6   6

MBA (T) 2 Years

Subject Scheme

(2015-2017)

Code	-Subject Name
TA-106C	Principles of Tourism Marketing
TA-104B	Geography of Indian Tourism
TA-101	Fundamentals of Tourism
TA-103C	Quantitative and Statistical Tech.
TA-102B	Fundamentals of Management
TA-112B	Accounting and Finance for Tourism
TA- 109B	Fundamentals of Computers Application
TA-114	Internship/Seminar/Presentation
Code	Subject Name
TA-201A	French- I
TA-205	Tourism Product of India
TA-211	Research Methodology
TA-213	Business Communication and Personality Development
TA-214	Geography of International Tourism
TA-215	Travel Agency Management
TA-215A	Consumer Behavior
TA-216	Internship/Seminar/Presentation
Code	Subject Name
TA-313	Airline Management
TA -304	International Ticketing
TA-316	Cargo Management

Meeting of all program – incharges and invited subject experts was held on 25.07.18 & 26.7.18 at 11 AM. Following decisions related to Subject scheme of MBA (Entrepreneurship) 2 Years course were taken.These changes are to be implemented in 2017 and 2018 batch.

For 2018 Batch -

1. The number of subjects reduced from 8 to 7 subjects
2. The credits of subects of I semester increased from 3 to 4.
3. 4 subjects of 2 credits are introduced.
4. Total Credits for each semester will be -
   6 subects * 4 valid credits= 24
   1 subject* 2 valid credits= 2
   Comprehensive viva voce= 4 virtual credits
   Total Credits per semester = 30
5. The syllabus of introduced subjects of I semester.
   1. Principles and Practices of Management   and

   2. Entrepreneurial Decision making was also prepared
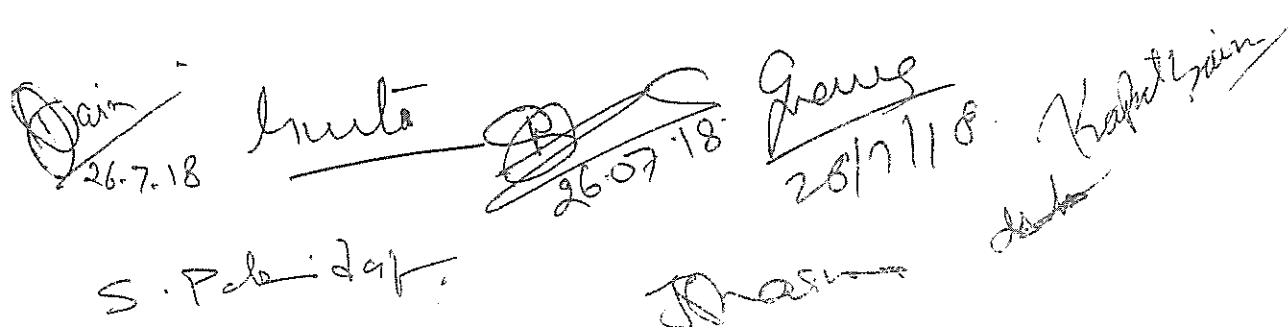
(Detailed scheme and syllabus is attached)

For the running 2017 batch –

1. It is decided to retain the old approved scheme

2. It was decided that the scheme of marks for following subjects will be 40 marks –Internal assessment and 60 marks – external assessment.

i) Writing Business Plan (III SEM)

ii) Business Start –up Practicum /Incubation (IV SEM)

Syllabus of both the subjects is also prepared.

(Old Detailed scheme and syllabus is attached)

International Institute of Professional Studies
DAVV, Indore

A workshop is being organized on 2nd July 2018 for preparation of curriculum of M.B.A. (Entrepreneurship) course III semester .Following were the experts partipated—

External Experts-

Dr. Kapil Sharma, Associate Professor IMS, DAVV _(signature)_ 02/07/2018

Dr.Aaradhna Chouksey, Head, Entrepreneurship Cell, SAGE University, Indore

Mr.Younus Shakir, Entrepreneur- Owner of Sparkle Advertising Agency, Indore

Ms.Kavita Kasliwal, Social Entrepreneur, Arihant College, Indore _Kavita Kasliwal_

In-House Experts -

Finance Area:

Dr.Geeta Sharma _(signature)_

Dr.Manish Sitlani _(signature)_

Dr.Suresh Patidar _S. Patidar (signature)_

Dr.Sujata Parwani _(signature)_

Dr.Manminder Singh

Dr.Navneet Bhatia _(signature)_

Dr.Kapil Jain _Kapil Jain (signature)_

Marketing Area:

Dr.Anand Sapre _A Sapre (signature)_

Dr.Geeta Nema _(signature)_

Dr.Anshu Bhati _(signature)_

Dr.Pooja Jain

Dr.Prerna Kumar _(signature)_

Dr. Shilpa Bagdare _(signature)_

Dr. Muskan Karamchandani _(signature)_

→ contents of subject- Project Finance (sem II) Fundamentals of Finance (sem I) also revised.

contents of subject- Financing New Ventures and Business also revised

Human Resource Area *f. of General Management*

Dr.B.K.Tripathi

Dr.Jyoti Sharma

Dr.Ravindra Yadav

Dr.Jyoti Jain

Computer / Mathematics/Statistics/Other subjects

Dr.Shaligram Prajapat

Dr.Nirmala Sawan

Dr.Surendra Malviya

Mr. Naresh Dembla

Mr.Ravi Bunkar

Dr.Neha Chouhan

Dr.Pooja Jain

Program Incharge

M.B.A.(Entrepreneurship)

Director

International Institute of Professional Studies
Devi Ahilya University, Indore (M.P.)
MBA (Entrepreneurship)
--New Academic Programme 2 Years Degree Course (New Scheme effective from July-18)

	I st SEMESTER	II nd SEMESTER	IIIrd SEMESTER	IVth SEMESTER
Subject - 1	Fundamentals of Entrepreneurship	Social Entrepreneurship	Financing New Ventures and Business	Legal Aspects of Business
Credit =4				
Subject - 2	Creativity and Innovation	Business Environment	Managing Startups Strategic Framework for SMEs	Rural and Industrial Marketing
Credit =4				
Subject - 3	PPM	Fundamentals of Finance- II	Introduction to Taxation	Business Ethics and Corporate Governance
Credit =4				
Subject - 4	Fundamentals of Finance- I	Business Communication	Contemporary Issues in Strategy	International Business /EXIM Management
Credit =4				
Subject - 5	HRM	Service Management	Production & Operations	HRD
Credit =4				
Subject - 6	Principles of Marketing Management	E -Business	OB	Logistics and SCM
Credit =4				

Subject - 7	Entrepreneurial Decision Making	Digital Marketing	ERP-I	ERP-II
Credits = 2				
Comprehensive Viva	Comprehensive Viva	Comprehensive Viva	Comprehensive Viva	Comprehensive Viva
Credits=4				

Valid credits per semester= 26

Comprehensive Viva Virtual Credit = 4

Total Credits per Semester = 30

- Credits for each subject shall be as per the ordinance 31 of the University.
- The Scheme may be revised as per the changing requirements of Industry and Business .

26/3/18

26/7/18 S. Gaur Rajatgun S. Prodap 26/7/18 Mogina Mulk

DEVI AHILYA VISHWAVIDYALAYA, INDORE

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

CURRICULUM (SCHEMES)
&
COURSE OF CONTENTS

2016

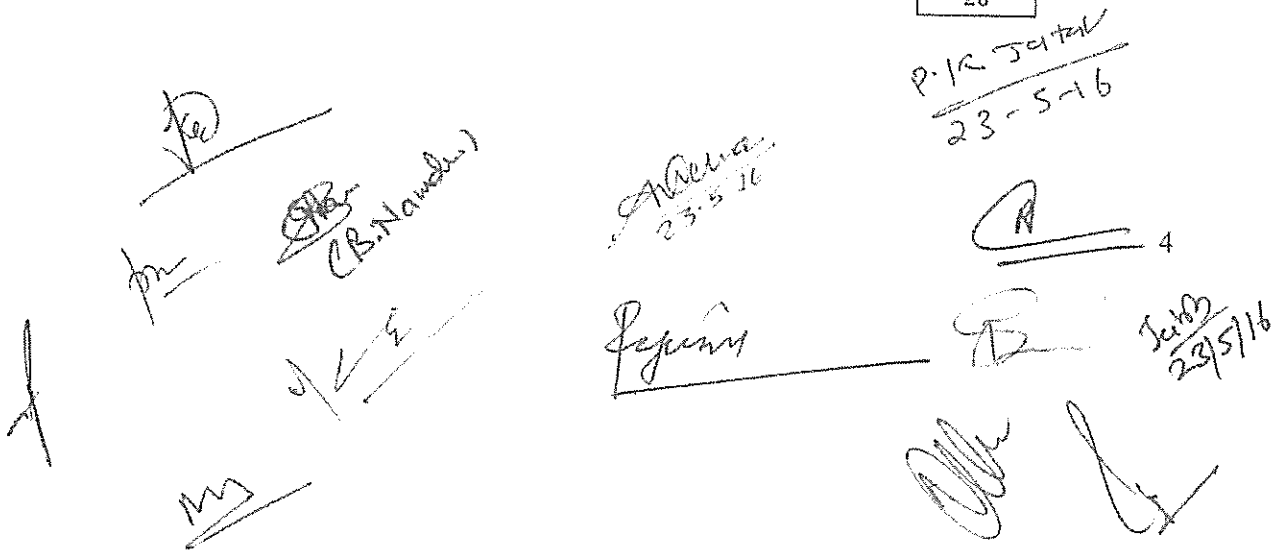MCA 6 YEAR (BCA 3Yrs + MCA 3Yrs)

PROGRAMME

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEMES OF EXAMINATION FOR MCA 6 Yrs (BCA I yr) PROGRAMME
(Subject to Revision)

Semester I

Code	Subject	L	T	P	C
IC-101	Mathematics – I	3	1	0	4
IC-102	Physics – I	3	1	0	4
IC-103	Fundamentals of programming using C	3	1	0	4
IC-104	English & Communication Skills	3	1	0	4
IC-105	Computer Fundamentals	3	1	0	4
IC-106	C Programming Lab	0	0	4	2
IC-107	Fundamental of computer Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester II

Code	Subject	L	T	P	C
IC-201	Mathematics – II	3	1	0	4
IC-202	Chemistry & Environmental Science	3	1	0	4
IC-203	Basic Electronics	3	1	0	4
IC-204	Object Oriented Programming Using C++	3	1	0	4
IC-205	Hindi Language	3	1	0	4
IC-206	Basic Electronics Lab	0	0	4	2
IC-207	Object Oriented Programming Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28
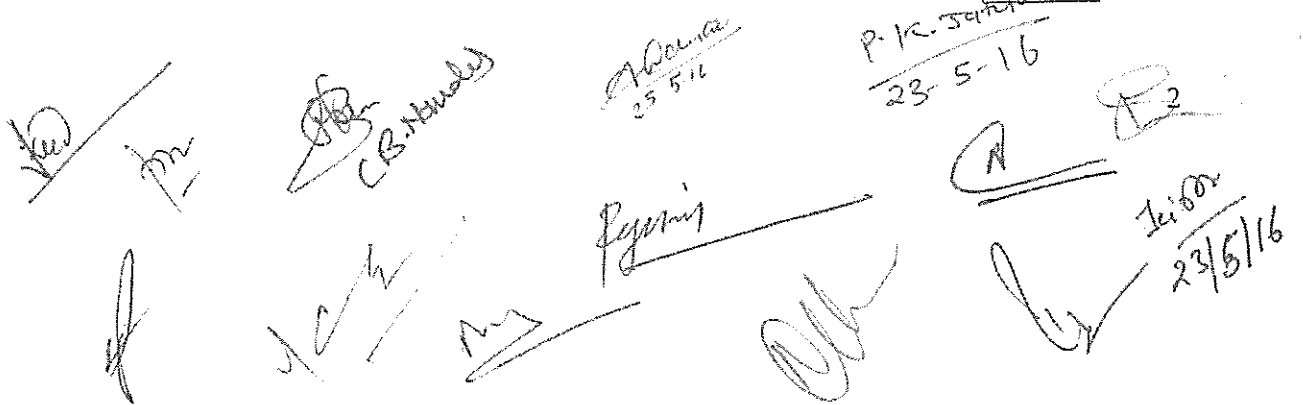
Semester III

Code	Subject	L	T	P	C
IC-301	Probability and Statistics	3	1	0	4
IC-302	Financial Accounting	3	1	0	4
IC-304	Digital Electronics	3	1	0	4
IC-305	Data Structure and Algorithms	3	1	0	4
IC-306	Digital Computer Organization	3	1	0	4
IC-307	Digital Electronics Lab	0	0	4	2
IC-308	Data Structure and Algorithms Lab using C++	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester IV

Code	Subject	L	T	P	C
IC-401	Data & Computer Communication	3	1	0	4
IC-402	Discrete Mathematics	3	1	0	4
IC-404	Microprocessor and Assembly Language Programming	3	1	0	4
IC-405	Data Base Management Systems	3	1	0	4
IC-406	Mini Project				4
IC-407	Data Base Management System Lab	0	0	4	2
IC-408	Microprocessor Assembly Language Programming Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEMES OF EXAMINATION FOR MCA 6 Yrs (BCA III yr) PROGRAMME
(Subject to Revision)

Semester V

Code	Subject	L	T	P	C
IC-501	Internet and Web Programming	3	1	0	4
IC-502	System Programming	3	1	0	4
IC-503	JAVA Programming	3	1	0	4
IC-504	Computer oriented Numerical Methods	3	1	0	4
IC-505	Organization Behavior	3	1	0	4
IC-506	Internet and Web Programming Lab	0	0	4	2
IC-507	JAVA Programming Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester VI

Code	Subject	L	T	P	C
IC-601	Computer Graphics	3	1	0	4
IC-602	Human Computer interface	3	1	0	4
IC-603	UNIX and shell Programming	3	1	0	4
IC-604	System Analysis & Design	3	1	0	4
IC-605	Project				4
IC-606	UNIX and shell Programming lab	0	0	4	2
IC-607	Computer Graphics Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

3

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEMES OF EXAMINATION FOR MCA 6 Yrs (IV yr) PROGRAMME
(Subject to Revision)

Semester VII

Code	Subject	L	T	P	C
IC-701	Computer Networks	3	1	0	4
IC-702	Computer Architecture	3	1	0	4
IC-703	Advance Java	3	1	0	4
IC-704	Operating System	3	1	0	4
IC-705	Bioinformatics	3	1	0	4
IC-706	Advance Java Lab	0	0	4	2
IC-707	Computer Network Lab	0	0	4	2
	Comprehensive Viva				4
					28

Semester VIII

Code	Subject	L	T	P	C
IC-801	Design & Analysis of Algorithms	3	1	0	4
IC-802	Theory of Computation	3	1	0	4
IC-803	Advance Database Technology	3	1	0	4
IC-804	Software Engineering	3	1	0	4
IC-805	Optimization Techniques	3	1	0	4
IC-806	Design & Analysis of Algorithm Lab	0	0	4	2
IC-807	Advance Database Lab	0	0	4	2
	Comprehensive Viva				4
					28

P. R. Jatav
23-5-16

C.B.Nandle

4

23/5/16

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEMES OF EXAMINATION FOR MCA 6 Yrs(V yr)PROGRAMME
(Subject to Revision)

Semester IX

Code	Subject	L	T	P	C
IC-901	Object Oriented Analysis and Design	3	1	0	4
IC-902	Compiler Design	3	1	0	4
IC-903	Elective I	3	1	0	4
IC-904	Artificial Intelligence	3	1	0	4
IC-905	Mobile and Wireless Computing	3	1	0	4
IC-906	Project				4
IC-907	Artificial Intelligence Lab	0	0	2	1
IC-908	Object Oriented Analysis and Design	0	0	2	1
	Comprehensive Viva				4
					30

Elective I

Semester X

Code	Subject	L	T	P	C
IC-1001	Cryptography and Information Security	3	1	0	4
IC-1002	Parallel Algorithms	3	1	0	4
IC-1003	Enterprise computing Technique	3	1	0	4
IC-1004	Principals of programming language	3	1	0	4
IC-1005	Elective II	3	1	0	4
IC-1006	Enterprises Computing Technique Lab	0	0	4	2
	Comprehensive Viva				4
					26

Elective II

P.K. Jertey
23-5-16.

25-5-16

23/5/16

5

Semester XI

Code	Subject	L	T	P	C
IC-1101	Information Technology Project Management	3	1	0	4
IC-1102	Enterprise Resources Planning	3	1	0	4
IC-1103	Cloud Computing	3	1	0	4
IC-1104	Elective III	3	1	0	4
IC-1105	Research Methodology	2	0	0	2
IC-1106	Project	0	0	6	6
IC-1107	Research Methodology & Practices	0	0	8	4
	Comprehensive Viva				4
					32

Elective III

Semester XII

Code	Subject	L	T	P	C
IC-1201	Project				12

Members of Curriculum (Schemes) & Course of Contents Revision Committee

6

Order

A two day workshop on syllabus of newly introduced subjects of M.Tech(IT) and MCA programs , is scheduled on 5th and 6th January 2018.

Ms. Manju Suchdeo and Dr. Shaligram Prajapat will be coordinator of the workshop.

Director

Order

A two day workshop on syllabus of newly introduced subjects of M.Tech(IT) and MCA programs, is scheduled on 5th and 6th January 2018. Following members are nominated for the workshop.

External Experts

1. Dr. Vindra Tokekar.
2. Dr. Sanjay Tanwani.
3. Dr. Maya Ingle.
4. Dr. Suresh Jain.
5. Dr. Meena Sharma.
6. Dr. Manish Sitlani.
7. Dr. Preeti Saxena.
8. Dr. Vaibav Jain.

Internal members

1. Dr. Kirti Mathur.
2. Dr. Ramesh Thakur.
3. Dr. Shaligram Prajapat.
4. Mr. Jugendra Dongre
5. Ms. Manju Suchdeo.
6. Dr. Yasmin Shaikh.
7. Dr. Rahul Singhai
8. Ms. Poonam Mangwani
9. Mr. Rajesh Verma
10. Mr. Basant Namdeo
11. Ms. Shraddha Soni
12. Mr. Nitin Nagar
13. Ms. Kirti Vijayvergiya
14. Mr. Rupesh Sendre
15. Dr. Vivek Shrivastava
16. Mr. Pradeep Jatav

Director

D. Records of External Experts Opinion of the designed curriculum.

E. Records of External Experts Feedback of the designed curriculum.

Opinion and Feedback on existing curriculum was taken from following external experts on each course:

Course	List of External Experts	Major Suggestions
MCA (6 Years) M. Tech. (IT) 5 ½ Yrs	1. Dr. D. K. Banerjee 2. Dr. Geeta Sharma 3. Dr. Kapil Jain 4. Dr. Nirmala Sawan 5. Dr. Meena Sharma 6. Dr. V. V. S. Murty 7. Dr. Nagendra Sohani 8. Dr. Abhay Kumar	• More lab sessions should be included • Numbers of Electronics subjects are many. Few advanced subjects like Control Systems, VLSI design etc. should be eliminated • Advanced subjects on software and IT need be introduced. • Sequence of subjects is inappropriate in many cases. • Contents need to be updated. • Engineering Drawing is not required as a subject. • Latest topics must be added in Physics. • More papers should be mathematics, communication and soft skills development. • Electives must be offered in the course. • Practical oriented contents is required in syllabus
MBA (MS) 5 Years (UG)	1. Dr. Nagnedra Sohani 2. Dr. Deepak Shrivastav 3. Mr. Namit Dehariya 4. Dr. Sanjay Saxena 5. Dr. Shabnam Khan 6. Ms. Nisha Siddiqui	• More case studies must be added. • Change sequence of subjects like QT, OR, HRM, Labor law, Marketing Management etc. • Business Maths & Business Statistics may be divided into two papers.

Devi Ahilya Vishwavidyalaya, Indore

International Institute of Professional Studies

External Expert's Feedback Form for Review of Syllabus

Date:- 06|01|2018

Dear Ma'am/Sir

Please give your valuable opinion about the content of syllabus for the subject ___I·T· Act and Cyber___ _____ taught in _____ course _____ Semester.

Please tick (✓) in the relevant cell

S. No.	Particulars	A Need Improvement	B Good
1.	Fulfillment of Objectives of Course		
2.	Coverage of Fundamentals in Course		
3.	Depth of the course content		✓
4.	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)	Assignment per Units to be added.	
5.	Clarity and relevance of textual reading material		✓

Any Suggestions / Remarks:

⊖ Case Study should be introduced in The Syllabus.

(-) _____

_____

_____

_____

Name of Expert: Dr· Nidhi Kumar Tiwari   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Devi Ahilya Vishwavidyalaya, Indore

International Institute of Professional Studies

External Expert's Feedback Form for Review of Syllabus

Date:-_____

Dear Ma'am/Sir _Natural Language processing_
Image processer

Please give your valuable opinion about the content of syllabus for the subject _____
_____ taught in _Multimedia content_ course _____ Semester.
Cloud computing
Please tick (✓) in the relevant cell _Information security_

S. No.	Particulars	A Need Improvement	B Good
1.	Fulfillment of Objectives of Course		
2.	Coverage of Fundamentals in Course		
3.	Depth of the course content		
4.	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)		
5.	Clarity and relevance of textual reading material		

Any Suggestions / Remarks:

subject included in the scheme of MTech & MCA will enhance required skillset of the students to meet at industry Need. The syllabus is designed as per the need.

Name of Expert:___Dr Suresh Jain___ Signature_____

Name of Expert:_____ Signature_____

Name of Expert:_____ Signature_____

Name of Expert:_____ Signature_____

Name of Expert:_____ Signature_____

Devi Ahilya Vishwavidyalaya, Indore

International Institute of Professional Studies

External Expert's Feedback Form for Review of Syllabus

Date:- 6/1/2018

Dear Ma'am/Sir

Please give your valuable opinion about the content of syllabus for the subject _____
_____ taught in _____ course _____ Semester.

Please tick (✓) in the relevant cell

S. No.	Particulars	A Need Improvement	B Good
1.	Fulfillment of Objectives of Course		✓
2.	Coverage of Fundamentals in Course		✓
3.	Depth of the course content		✓
4.	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)		✓
5.	Clarity and relevance of textual reading material		✓

Any Suggestions / Remarks:

— Include case-studies in subjects related to Ethics in computing, Network & Information Security
— Always suggest one or two text books for each subject
2) Mention Prerequisites if required.

Name of Expert: Dr. Preeti Saxena   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Name of Expert: _____   Signature _____

Devi Ahilya Vishwavidyalaya, Indore

International Institute of Professional Studies

External Expert's Feedback Form for Review of Syllabus

Date:-_____

Dear Ma'am/Sir

Design pattern ✗ M·Tech
Software Testing & QA ✗ MCA

Please give your valuable opinion about the content of syllabus for the subject ____ *✗ M·Tech*
_____ taught in *Information Tech & P Project ✗ M·Tech* course _____ Semester.
Human Computer Interface

Please tick (✓) in the relevant cell

S. No.	Particulars	A Need Improvement	B Good
1.	Fulfillment of Objectives of Course		✓
2.	Coverage of Fundamentals in Course		✓
3.	Depth of the course content		✓
4.	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)		✓
5.	Clarity and relevance of textual reading material		✓

Any Suggestions / Remarks:

Satisfactory Course Content, which are good for overall industry and academic gap.

Name of Expert: Dr. Meena Sharma   Signature _____

Name of Expert: Dr Suresh Jain   Signature _____

Name of Expert:_____   Signature _____

Name of Expert:_____   Signature _____

Name of Expert:_____   Signature _____

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE
M. Tech. (5 ½ Years) VI Semester
IT-814: Advanced Computer Architecture

Aim of Course: To understand the concepts of design and analysis of the hardware of a Parallel pipeline and distributed computing system and its components such as processing element, memory.

Objectives:

The course is designed to make students:

* Learn concept of parallel processing.
* Understand various model of parallel computing
* Understand the concept of pipelining

Course Contents:

Unit I

Introduction to Parallel Processing. Parallelism in Uniprocessor system, Parallel Processing mechanism, Parallel Computer Structure, Flynn's Classification , Handler's Classification, Structural Classification, Classification Based on Grain Size, Bernstein Conditions for Detection of Parallelism, Parallel Processing Applications.

Unit II

Levels of Parallel Processing, Pipeline design, Synchronous & Asynchronous Pipeline conflicts: Resource conflict, Data dependency, and Branch difficulties. Solutions to deal with pipelining: Hardware interlocks, Operand forwarding, Delayed load, Pre fetch target instruction, Branch target buffer, Loop buffer, Branch prediction, and Delayed branch.

Unit III

Classification of Pipeline Processor, Super scalar design: Super pipelining, and VLIW processors, Reservation table, Interleaved memory organization, Principals of designing of Pipeline Processor, Vector Processing requirements.

Unit IV

SIMD Array Processor, SIMD interconnection Networks, Parallel Algorithm for Array Processors, Matrix Multiplication, sorting, Parallel Software issues.

Unit V

Multiprocessor Architectures, loosely and tightly coupled multiprocessors, Parallel algorithms for multiprocessors, classification of parallel algorithm, performance of parallel algorithms, Operating systems for multiprocessors systems, Muticore architectures, Introduction to GPU architecture, latest trends.

Reference Books:

1. Computer Architecture and Parallel Processing Kai Hwang and Faye A. Briggs, McGraw-Hill.

2. Computer Architecture and Organisation John P. Hays, McGraw-Hill

changed as per suggestions of externals

International Institute of Professional Studies, IIPS, DAVV
M.Tech X semester
Wireless and Mobile Computing ~~Communications~~

②

Objective:
To learn and understand basic concepts of cellular system, wireless propagation and the techniques used to maximize the capacity of cellular network.
To learn and understand architecture of GSM and CDMA system. To understand mobile management, voice signal processing and coding in GSM and CDMA system.
To understand mobile devices connectivity to Internet.

Prerequisites: Computer Networks

Unit I
Introduction: Overview of the emerging field of mobile computing: Historical perspectives (mainly from the perspective of radio). Land mobile vs. Satellite vs. In-building communications systems, RF vs. IR. Characteristic of Cellular Systems. Mobility support in cellular telephone networks. Mobile applications. Limitations. Health Concerns.

Unit II
Mobile communication: Fiber or wire based transmission. Wireless Transmission: Frequencies. Antennas and Signal Propagation path loss of radio signals. Additional signal propagation effect. Multipath propagation. Spread Spectrum- DSSS and FHSS.
Modulation Techniques. Multiplexing techniques. Coding techniques. CDMA. Multiple Radio Access Introduction Contention based protocols. Channel Allocation

Unit III
The Cellular Concept Introduction. Cell Area. signal strength and cell parameters. capacity of a cell. Frequency reuse. Co-channel Interference. Cell splitting. Cell Sectoring.
Mobile Communication System : Introduction. Cellular System Infrastructure. Registration. Handoff support. Multicasting. Authentication & security. frequency hopping.
Introduction Contention based protocols. Channel Allocation.
GSM- System architecture of GSM. protocols. localization and calling. handover, security.

Unit IV
IEEE 802.11: Protocol architecture. layers. Information bases and networking.
Case Study on Wireless LAN infrastructure and Bluetooth.
Mobile IP. goals. assumptions requirements. entities & terminology. IP packet delivery. tunnelling and encapsulation. Feature & formate IPv6. DHCP. TCP over Wireless.

Unit V
Characteristic of Ad Hoc networks. Applications. need for routing. routing classification. Wireless sensor networks. classification & Fundamental of MAC protocol for wireless sensor networks. Introduction to IOT

Text Books:-
1. Mobile Communications author Jochen Schiller. publication John Willy & Sons, Ltd.
2. Wireless And Mobile Systems author D P Agrawal & Qing-An zeng. publication Thomson.

Reference Books:-

1. Wireless Networks author P Nicopotidis. publication Addision Wesley-An zeng publication
2. Mobile Computing author Dr Rajkamal. publication Oxford University Press.

changed after entered suggestions

Objective:
To learn and understand basic concepts of cellular system, wireless propagation and the techniques used to maximize the capacity of cellular network.
To learn and understand architecture of GSM and CDMA system. To understand mobile management, voice signal processing and coding in GSM and CDMA system.
To understand mobile devices connectivity to Internet.

Prerequisites: Computer Networks

Unit I

Introduction: Overview of the emerging field of mobile computing: Historical perspectives (mainly from the perspective of radio), Land mobile vs. Satellite vs. In-building communications systems, RF vs. IR, Characteristic of Cellular Systems, Mobility support in cellular telephone networks, Mobile applications, Limitations, Health Concerns.

Unit II

The Cellular Concept : Introduction, Cell Area, signal strength and cell parameters, capacity of a cell, Frequency reuse, Co-channel Interference, Cell splitting, Cell Sectoring.
Mobile Communication System : Introduction, Cellular System Infrastructure, Registration, Handoff support, Multicasting, Authentication & security, frequency hopping.
Introduction Contention based protocols, Channel Allocation.
Case study - GSM, 3GSM, 4G LTE, VoLTE (GSM in full detail)

Unit III

Mobile communication: Fiber or wire based transmission, Wireless Transmission: Frequencies, Antennas and Signal Propagation path loss of radio signals, Additional signal propagation effect, Multipath propagation, Spread Spectrum- DSSS and FHSS, MIMO
Modulation Techniques, Multiplexing techniques, Coding techniques, CDMA, Multiple Radio Access
Introduction Contention based protocols, Channel Allocation.

Unit IV

IEEE 802.11: Protocol architecture, layers, Information bases and networking.
Case Study on Wireless LAN infrastructure and Bluetooth.
Mobile IP: goals, assumptions requirements, entities & terminology, IP packet delivery, tunnelling and encapsulation, Feature & formate IPv6, DHCP, TCP over Wireless.
Satellite Systems: History, Application, and Basics of Satellite Systems: LEO, MEO, GEO, Routing, Handover, VSAT, installation & Configuration.

Unit V

Characteristic of Ad Hoc networks, Applications, need for routing, routing classification, Wireless sensor networks, classification & Fundamental of MAC protocol for wireless sensor networks, IOT
Mobile operating System, file system, Process, Task, Thread, Algorithms and types of process migration
Android - Basic android features, XML, JSON Processing CODA Architecture (375), WAP
MIMO

Text Books:-
1. Mobile Communications author Jochen Schiller, publication John Willy & Sons, Ltd.
2. Wireless And Mobile System author D P Agrawal & Qing-An zeng, publication Thomson

Reference Books:-

1 Wireless Networks author P Nicopolidis, publication Addision Wesley-An zeng publication
2 Mobile Computing author Dr. Rajkamal, publication Oxford University Press.

International Institute of Professional Studies
Devi Ahilya University, Indore
MCA X semester
Parallel and Distributed Systems

(4)

Course Objective:

The course is designed to make students:

- To understand the concepts of design hardware of a Parallel systems and its components.
- Learn concept of parallel processing.
- Understand various model of parallel computing.
- To understand distributed computing systems.

Unit I	Introduction Parallel Computing, Parallel Architecture, Architectural Classification Scheme, Classification Based on Grain Size, Bernstein Conditions for Detection of Parallelism, Performance Metrics for Processors
Unit II	Design aspect of pipelining, ways to improve performance of pipeling, Job sequencing and collision, MAL, Advance pipelining techniques. SIMD Architecture and Programming Principles, SIMD Parallel Algorithms, Data Mapping and memory in array processors, interconnection network for SIMD, Memory interleaving, Case studies of SIMD parallel Processors.
Unit III	Multiprocessor Architectures, Study and Comparison of loosely and tightly coupled multiprocessors, Crossbar switch, Multiport Memory Model, Memory contention and arbitration techniques, Cache coherency and bus snooping.
Unit IV	Introduction to Distributed Systems Definition, Issues, Goals, Types of distributed systems, Distributed System Models, Hardware concepts, Software Concept, Models of Middleware, Services offered by middleware, Client Server model.
Unit V	Desirable Features of global Scheduling algorithm, Task assignment approach, Load balancing approach, load sharing approach, Introduction to process management, process migration, Threads, Virtualization, Code Migration.

Text Books

1. Computer Architecture and Parallel Processing Kai Hwang and Faye A. Briggs, McGraw-Hill

2. Andrew S. Tanenbaum and Maarten Van Steen, "Distributed Systems: Principles and Paradigms, 2nd edition, Pearson Education, Inc., 2007, ISBN: 0-13-239227-5.

COURSE OBJECTIVES

- To provide a clear understanding on the basic concepts, Building Blocks of Embedded Systems
- To teach the fundamentals of Embedded processor Modeling , Bus Communication inprocessors, Input/output interfacing.
- To introduce on processor scheduling algorithms , Basics of Real time operating system.
- To expose the students to the fundamentals of embedded Programming.
- To study basic concepts of embedded C , Embedded OS
- To Introduce the GNU C Programming Tool Chain in Linux.

UNIT I INTRODUCTION TO EMBEDDED SYSTEMS

Introduction to Embedded Systems –Structural units in Embedded processor, selection of processor & memory devices- DMA, Memory management methods- memory mapping, cache replacement concept, Timer and Counting devices, Watchdog Timer, Real Time Clock

UNIT II EMBEDDED NETWORKING AND INTERRUPTS SERVICE MECHANISM

Embedded Networking: Introduction, I/O Device Ports & Buses– Serial Bus communication protocols - RS232 standard – RS485 –USB – Inter Integrated Circuits (I2C) – interrupt sources , Programmed-I/O busy-wait approach without interrupt service mechanism- ISR concept–- multiple interrupts – context and periods for context switching, interrupt latency and deadline - Introduction to Basic Concept Device Drivers.

UNIT III RTOS BASED EMBEDDED SYSTEM DESIGN

Introduction to basic concepts of RTOS- Task, process & threads, interrupt routines in RTOS, Multiprocessing and Multitasking, Preemptive and non-preemptive scheduling, Task communication- shared memory, message passing-, Interprocess Communication – synchronization between processes-semaphores, Mailbox, pipes, priority inversion, priority inheritance-comparison of commercial RTOS features - RTOS Lite, Full RTOS, VxWorks, µC/OS-II, RT Linux,

UNIT IV EMBEDDED PROGRAMMING

C and Assembly - Programming Style - Declarations and Expressions - Arrays, Qualifiers and Reading Numbers - Decision and Control Statements - Programming Process - More Control

Statements - Variable Scope and Functions - C Preprocessor - Advanced Types - Simple Pointers - Debugging and Optimization – In-line Assembly.

UNIT V. C PROGRAMMING TOOL CHAIN IN LINUX

C preprocessor - Stages of Compilation - Introduction to GCC - Debugging with GDB - The Make utility - GNU Configure and Build System - GNU Binary utilities - Profiling - using gprof - Memory Leak Detection with valgrind - Introduction to GNU C Library

EMBEDDED C Adding Structure to 'C' Code: Object oriented programming with C, Header files for Project and Port, Examples. Meeting Real-time constraints: Creating hardware delays - Need for timeout mechanism - Creating loop timeouts - Creating hardware timeout.

TEXT BOOK

1. Rajkamal, 'Embedded system-Architecture, Programming, Design', TMH,2011.
2. Michael J Pont, "Embedded C", Pearson Education, 2007.
3.

REFERENCES

1. Peckol, "Embedded system Design",JohnWiley&Sons,2010
2. Shibu.K.V, "Introduction to Embedded Systems", TataMcgraw Hill,2009
3. Lyla B Das," Embedded Systems-An Integrated Approach",Pearson2013
4. Elicia White,"Making Embedded Systems",O'Reilly Series.SPD,2011
5. Bruce Powel Douglass,"Real-Time UML Workshop for Embedded Systems,Elsevier,2011
6. Steve Oualline, 'Practical C Programming 3rd Edition', O'Reilly Media, Inc, 2006.

Course Objectives

To gain understanding of principles and practices of computer system security including operating system security, network security, software security and web security.

Prerequisites:

Data Structures & Algorithms. Computer Networks

Course Contents

Unit I Information security and Cryptography:

Block and stream ciphers, Cryptographic hash functions, Message Authentication Codes (MAC), Public and private key systems, Message digests. Approximate strength of ciphers, Authentication, Password system. Secure design principles (Least-privilege, fail-safe defaults, complete mediation, separation of privilege), TCB and security kernel construction ,System defense against memory exploits, UNIX security and Security-Enhanced Linux (SELinux), Windows security.

Unit II Data Security Integrity, Vulnerability Exploitation:

Vulnerability auditing, penetration testing, Sandboxing .Control flow integrity

Unit III Network and Web Security:

TCP/IP security issues. DNS security issues and defenses, TLS/SSL, Network Intrusion detection and prevention systems, Firewalls, User authentication, authentication-via-secret and session management, Cross Site Scripting, Cross Site Request Forgery, SQL Injection .

Unit IV Resource Protection models, Side channel attacks, Authentication models:

Authentication methods , various side channels and methods of encoding information, the tradeoffs of side-channel protection and system usability.

Unit V Trusted Computing, Legal and Ethical Issues:

Cybercrime and computer crime. Intellectual property, copyright, patent, trade secret, Hacking and intrusion, Privacy, identity theft.

Text Readings

1. ~~Computer Security :Art and Science(2nd version)~~ — Author Hook ? Recommend one or Two text books

References :

1. W.Stallings, "Cryptography and Network Security – Principles and Practices", Pearson Education, 2003.
2. Mann, Mitchell, Krell, "Linux System Security", 2nd Edition, Pearson Education, 2003.
3. Robert, C. Newman, "Enterprise Security", Pearson Education, 2003.
4. Kaufman, Perlman and Speciner, "Network Security, Private Communication in a Public Network", Prentice Hall of India, 2003.
5. Nortcutt & Judy Novak, "Network Intrusion Detection", 3rd Edition, Pearson Education, 2003.

Web Sites:

1. www.infosecuritymag.com
2. www.list.gmu.edu

also include Info security topics as discussed.
Unit V may be ...

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE
M.tech (5 1/2 Years) VIII SEMESTER
IT-811: Information Security

Course Objectives

Objectives of this course is to gain understanding of principles and practices of computer system security including operating system security, network security, software security and web security.

UNIT-1

Internet Ethics, Browser Security,Downloads, e-Mail Security and guidelines for using e-mail safely, Malware, Mobile Security ,Online Banking Risks, Online Scams, Password Threats

UNIT-2

Social Engineering, Desktop Security, Copyrights, Instant messengers, security risks, Data Security, Importance of securing data, Different methods of securing data, Identity theft, Online predators, Phishing and vishing scams,SPAM

UNIT-3:

Introduction to Cryptography: History of cryptography ,Basic principles and theorem, Block and stream ciphers, Cryptographic Algorithms :DES, 3DES, RC-4, Twofish,Blowfish and AES ,RSA ,hash functions, Public and private key systems,

UNIT -4:

Approximate strength of cyphers, Authentication, Password system, Secure design principles (Least privilege, fail-safe defaults, complete mediation, separation of privilege) ,TCB and security kernel construction, System defence against memory exploits Windows security,

UNIT-5

Data Security and Network security, Network Intrusion detection and prevention systems, Firewalls, User authentication, authentication-via- secret and session management,SQL Injection, Resource Protection models, Side channel attacks ,Authentication models, Authentication methods ,Trusted Computing ,Legal and Ethical Issues

References :

1. W.Stallings, "Cryptography and Network Security   Principles and Practices", Pearson Education, 2003.
2. Mann, Mitchell, Krell, "Linux System Security", 2nd Edition, Pearson Education, 2003.
3. Robert. C. Newman, "Enterprise Security", Pearson Education, 2003.
4. Kaufman, Perlman and Speciner, "Network Security, Private Communication in a Public Network", Prentice Hall of India, 2003.
5. Norcutt & Judy Novak, "Network Intrusion Detection", 3rd Edition, Pearson Education, 2003.
6. Computer Security :Art and Science(2nd version)

Web sites

1. www.infosecuritymag.com
2. www.list.gmu.edu

e-resources

1.
2.
3.
4.

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This version of Chrome is no longer supported. Please upgrade to a

from.Shaligram.prajapat@gmail.com (9)

Click here to enable desktop notifications for Gmail. Learn more

Gmail

updated : Research in Computing (From Text Book)

Shaligram Prajapat
to me, Poonum

Research in Computing

Unit-1 The Information Systems and Computing disciplines. Evidence-based
Definition and characteristics of Research. Evaluating research. Rigour. and re
The purpose and products of research: Reasons for doing research. possible
Finding and choosing research topics. Evaluating the purpose and products of

Unit-2 Overview of the Research: A model of the research process. alternative
Evaluating the Research process Need, types and implications of simulators

UNIT-3 Reviewing the literature. Purpose and resources of literature review. T
conducting a literature review Evaluating literature review Evaluating literature r
Surveys. Defining surveys. Planning and designing surveys. Grounded theory
Examples of surveys in IS and computing research. Evaluating survey-based
Questionnaire

UNIT-4. Design and Creation: Defining design and creation. planning and
research Creative computing and digital art the internet and design and creatic
creation research in IS and computing. Evaluating design and creation research
Experiments Case studies. Action Research. Ethnography Documents

UNIT-5 Internet Research Background to the internet and WWW. Internet #
review The internet and research strategies and methods. Internet research
Ethics: The law and research. Rights of people directly involved. Responsibilit
creation of Project and ethics. Evaluating research ethics.

My changed after external suggestions

No recent chats

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from:Shaligram.prajapat@gmail.com

Click here to enable desktop notifications for Gmail.   Learn more

Gmail

conducting a literature review Evaluating literature review Evaluating literature
Surveys. Defining surveys. Planning and designing surveys. Grounded theory.
Examples of surveys in IS and computing research. Evaluating survey-based
Questionnaire

UNIT-4 Design and Creation. Defining design and creation: planning and cond
research.Creative computing and digital art.the internet and design and creatic
creation research in IS and computing. Evaluating design and creation researc
Experiments. Case studies. Action Research. Ethnography. Documents.

UNIT-5 Internet Research. Background to the internet and WWW. Internet Re
review The internet and research strategies and methods. Internet research la
Ethics: The law and research. Rights of people directly involved. Responsibilit
creation of Project and ethics. Evaluating research ethics.

Text Book:

Briony J Oates. Researching information systems and computing. SAGE Sou
759-0

Reference Materials:

1 Research Design. Qualitative. Quantitative. and Mixed Methods Approache
SAGE Publication. 2014
2 The Craft of Research. By Wayne C. Booth. Gregory G. Colomb. Joseph N
FitzGerald. Third Edition. The University of Chicago Press. 2008
3. The Elements of Style. William Strunk Jr. and E. B. White. Fourth Edition.
4. Research Methodology By Panneerselvam R. 2nd Edition. PHI. 2014
5. Selecting Empirical Methods for Software Engineering Research. Steve Eas
Storey. D. Damian. Book Chapter in Guide to Advanced Empirical Software E
and Dag I K. Sjoberg. Springer 2008
6 Statistical Design and Analysis of Experiments With Applications to Engine

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE

M. Tech. (5 ½ Years) VIII Semester
IT-813: Ethics in Computing

COURSE OBJECTIVES

- To understand the concepts of computer ethics in work environment.
- To understand the threats in computing environment
- To understand the intricacies of accessibility issues
- To ensure safe exits when designing the software projects

UNIT I COMPUTER ETHICS INTRODCUTION AND COMPUTER HACKING

A general Introduction – Computer ethics: an overview – Identifying an ethical issue – Ethics and law – Ethical theories - Professional Code of conduct – An ethical dilemma – A framework for ethical decision making - Computer hacking – Introduction – definition of hacking – Destructive programs – hacker ethics - Professional constraints – BCS code of conduct – To hack or not to hack? – Ethical positions on hacking.

UNIT II ASPECTS OF COMPUTER CRIME AND INTELLECTUAL PROPERTY RIGHTS

Aspects of computer crime - Introduction - What is computer crime · computer security measures – Professional duties and obligations - Intellectual Property Rights – The nature of Intellectual property – Intellectual Property – Patents, Trademarks, Trade Secrets. Software Issues, Copyright - The extent and nature of software piracy – Ethical and professional issues – free software and open source code

UNIT III REGULATING INTERNET CONTENT, TECHNOLOGY AND SAFETY

Introduction – In defence of freedom expression – censorship · laws upholding free speech – Free speech and the Internet - Ethical and professional issues - Internet technologies and privacy – Safety and risk – assessment of safety and risk – risk benefit analysis – reducing risk.

UNIT IV COMPUTER TECHNOLOGIES ACCESSIBILITY ISSUES

Introduction – Principle of equal access – Obstacles to access for individuals – professional responsibility - Empowering computers in the workplace – Introduction – computers and employment – computers and the quality of work – computerized monitoring in the work place – telecommuting · social, legal and professional issues - Use of Software. Computers and Internet-based Tools - Liability for Software errors - Documentation Authentication and Control – Software engineering code of ethics and practices · IEEE-CS · ACM Joint task force

UNIT V SOFTWARE DEVELOPMENT AND SOCIAL NETWORKING

Software Development – strategies for engineering quality standards – Quality management standards – Social Networking – Company owned social network web site – the use of social networks in the hiring process – Social Networking ethical issues · Cyber bullying · cyber stalking – Online virtual world – Crime in virtual world - digital rights management - Online defamation – Piracy – Fraud.

REFERENCES:

1. Penny Duquenoy, Simon Jones and Barry G Blundell, "Ethical, legal and professional issues in computing", Middlesex University Press, 2008
2. George Reynolds, "Ethics in Information Technology", Cengage Learning, 2011
3. Caroline Whitback," Ethics in Engineering Practice and Research ", Cambridge University Press, 2011
4. Richard Spinello, "Case Studies in Information and Computer Ethics", Prentice Hall, 1997.
5. John Weckert and Douglas Adeney, Computer and Information Ethics, Greenwood Press, 1997.
6. Sara Baase, "A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet",3rd Edition,Prentice Hall, 2008 7.
http://www.infosectoday.com/Articles/Intro_Computer_Ethics.htm

Mention one or two text books, Reference the syllabus as per the structure of text books, and include some case-studies.

International Institute of Professional Studies
Devi Ahilya University, Indore
MCA – VIII Sem
HUMAN COMPUTER INTERACTION

UNIT - I Introduction- Importance of user Interface – definition, importance of good design. Benefits of good design. A brief history of Screen design.

UNIT - II The graphical user interface – popularity of graphics, the concept of direct manipulation, graphical system, Characteristics, Web user – Interface popularity, characteristics- Principles of user interface.

UNIT - III Design process – Human interaction with computers, importance of human characteristics human consideration, Human interaction speeds, understanding business junctions.

UNIT - IV Screen Designing : Design goals – Screen planning and purpose, organizing screen elements, ordering of screen data and content – screen navigation and flow Visually pleasing composition – amount of information – focus and emphasis · presentation information simply and meaningfully -- information retrieval on web - statistical graphics Technological consideration in interface design.

UNIT - V Windows -- New and Navigation schemes selection of window, selection of devices based and screen based controls. Components – text and messages, Icons and increases – Multimedia, colors, uses problems, choosing colors.

UNIT - VII

Software tools -- Specification methods, interface – Building Tools.

Interaction Devices – Keyboard and function keys – pointing devices -- speech recognition digitization and generation -- image and video displays -- drivers. Case Study 1- Multi-Key press Hindi Text Input Method on a Mobile Phone. Case Study 2 - GUI design for a mobile phone based Matrimonial application. Case Study 3 - Employment Information System for unorganised construction workers on a Mobile Phone.

TEXT BOOKS : 1. The essential guide to user interface design, Wilbert O Galitz. Wiley DreamaTech. 2. Designing the user interface. 3rd Edition Ben Shneidermann . Pearson Education Asia.

REFERENCES : 1. Human – Computer Interaction. ALAN DIX, JANET FINCAY, GRE GORYD, ABOWD, RUSSELL BEALG, PEARSON. 2. Interaction Design PRECE. ROGERS, SHARPS. Wiley Dreamtech, 3. User Interface Design, Soren Lauesen . Pearson Education.

Distribute syllabus in IV
units .

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE
M. Tech. (IT) 5½ Years, X SEMESTER
IT-1009B: Information Technology Project Management

Aim of Course: To make the students familiar with design of a good quality project to industries and academia.

Objectives:

The course is designed to make students:

- To present basic concepts of ITPM
- Understand the concepts of project management, project integration, project quality management etc.

UNIT I

Project, Project Management, Role of the Project Manager, Project Management and Information Technology Context. A system view of Project Management. Understanding the Organization. Stakeholder Management. Project Phases and the Project Life Cycle. Context of Information Technology Projects. Project Management Process Groups. Mapping Process Groups to Knowledge Areas.

UNIT II

Project Integration Management. Strategic Planning and Project Selection. Preliminary Scope statements. Project Scope Management. Scope Planning and Scope Management Plan. Scope Definition and the Project Scope Statement.

UNIT III

Project Time Management. Activity Definition and Sequencing. Activity Resource and Duration Estimating. Schedule Development and Control. Project Cost Management. Cost Estimating. Cost Budgeting. Cost Control.

UNIT IV

Project Quality Management. Quality Planning. Quality Assurance, Quality Control. Project Human Resource Management. Keys to Managing People. Human Resource Planning. Acquiring the Project Team. Developing the Project Team. Managing the Project Team.

UNIT V

Project Communication Management. Communication Planning. Information Distribution. Performance Reporting. Managing Stakeholders. Project Risk Management. Risk Management Planning. Risk Response Planning .Risk Monitoring and Control. Project Procurement Management. Planning Purchasing and Acquisitions. Planning Contracting. Requesting Seller Responses. Selecting Sellers. Administering the Contract. Closing the Contract

Text Book:

1. Information Technology Project Management. Kathy Schwalbe. 6th Edition. Thomson Course technology.

International Institute of Professional Studies, DAVV, Indore
Design Pattern
M.Tech (5 yrs/ $5^{1/2}$ yrs) X Semester

Learning Objectives: To strengthen the knowledge of Object Oriented Design and development by understanding various design patterns for object oriented reusable Software.

Pre requisites: Knowledge of object oriented system concepts, object oriented analysis and Modeling and object oriented programming using Java.

COURSE CONTENTS

I Review of Object Orientation
Introduction to Software Patterns, Overview of UML, Class Diagrams, Collaboration Diagrams, State chart Diagram, Deployment Diagram,

II Introduction
Introduction to design pattern, describing design pattern, design Pattern for solving problem, selection of design pattern, use of design pattern. Fundamental Design Patterns: Delegation, Interface, Abstract Super-class, Interface and Abstract class, Marker Interface.

II Creational Pattern
Simple Factory pattern, Factory Method, Abstract Factory, Builder, Prototype, Singleton

III Structural Pattern
Adaptor, Bridge, Composite, Façade, Flyweight, Decorator, Proxy Pattern

IV Behavioral Pattern I
Chain of Responsibility, Command, Interpreter, Mediator, Memento Pattern

V Behavioral Pattern II
Observer, State, Strategy, Template Method, Visitor, Iterator Pattern
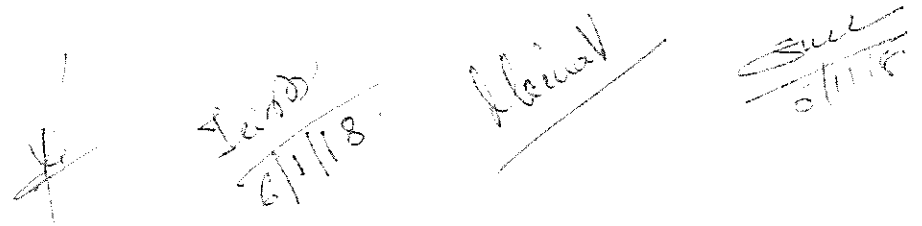
Text Book
1. Gamma, Helm, Johnson, Vlissides, Design Patterns, Elements of Reusable Software., Pearson Education 2006

Reference Book
1. Cooper, J. W., Java Design Patterns, A Tutorial, Pearson Education, 2000.
2. Freeman, Freeman, Head First Design Patterns, O'Reilly Pub. 2007
3. Mark Grand, Patterns in Java Vol. 1, Wiley 2002
4. Mark Grand, Patterns in Java Vol. 2, Wiley 2002
5. Mark Grand, Patterns in Java Vol. 3, Wiley 2002

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE
M. Tech. (IT) 5 ½ Years IX SEMESTER
IT-918: Cloud Computing

Aim of Course: To enable the students to have a thorough understanding of the activities associated to Cloud computing, its architecture, virtualization technology etc.

Course Contents:

Unit-I

Introduction: Historical development ,Vision of Cloud Computing, Characteristics of cloud computing as per NIST , Cloud computing reference model ,Cloud computing environments. Cloud services requirements, Cloud and dynamic infrastructure, Cloud Adoption and rudiments .Overview of cloud applications: ECG Analysis in the cloud, Protein structure prediction, Gene Expression Data Analysis ,Satellite Image Processing ,CRM and ERP .Social networking .

Unit-II

Cloud Computing Architecture: Cloud Reference Model, Types of Clouds, Cloud Interoperability & Standards, Scalability and Fault Tolerance, Cloud Solutions: Cloud Ecosystem, Cloud Business Process Management, Cloud Service Management. Cloud Offerings: Cloud Analytics, Testing Under Control, Virtual Desktop Infrastructure.

Unit –III

Cloud Management & Virtualization Technology: Resiliency, Provisioning, Asset management, Concepts of Map reduce , Cloud Governance, High Availability and Disaster Recovery. Virtualization: Fundamental concepts of compute ,storage, networking, desktop and application virtualization .Virtualization benefits, server virtualization, Block and file level storage virtualization Hypervisor management software, Infrastructure Requirements . Virtual LAN(VLAN) and Virtual SAN(VSAN) and their benefits .

Unit-IV

Cloud Security: Cloud Information security fundamentals, Cloud security services, Design principles, Secure Cloud Software Requirements, Policy Implementation, Cloud Computing Security Challenges, Virtualization security Management. Cloud Computing Security Architecture .

Unit-V

Market Based Management of Clouds , Federated Clouds/Inter Cloud: Characterization & Definition . Cloud Federation Stack . Third Party Cloud Services . Case study : Google App Engine

Recommended Text:

1. Buyya, Selvi ," Mastering Cloud Computing ",TMH Pub
2. Kumar Saurabh, "Cloud Computing" , Wiley Pub
3. Krutz , Vines, "Cloud Security " , Wiley Pub
4. Velte, "Cloud Computing- A Practical Approach" .TMH Pub
5. Sosinsky, " Cloud Computing" , Wiley Pub

More case studies or practicals can be included AWS, Azure, Digital Ocean .

contents of Buyya should is taken as standard & distributed to five units (Saas, Paas, Ious)

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES, DAVV, INDORE
MCA (6 Years) X SEMESTER
IC-1003- Elective: Software Testing & Quality Assurance

Objective

To understand the impact of Software Bugs and the importance of Software Testing.
To develop the skills to effectively plan the tests, communicate the bugs and measure your success as a software tester.

Pre –Requisites

System Analysis & Design, Software Engineering

Unit I
Introduction to Software Testing

Overview of Software development Process, Testing Definition & Objectives, Verification Vs Validation, Types of software bugs, cost of Bugs, Responsibilities and Qualities of Software Tester, Testing lifecycle, Testing axioms, Software Testing terms& Definitions.

Unit II
Software Testing Fundamentals and Process :

Examining the specification: Black Box Vs White Box Testing. Static black box testing: high /low level review of specifications and test techniques. Dynamic black box techniques: data testing, state testing, other black box test techniques. Static White box techniques: Examining the design and code, Formal reviews, Coding standards and guidelines, Generic Code Review Checklist. Dynamic White box techniques: Testing the pieces: Unit & Integration testing, Data coverage code coverage.

Unit III:
Types Of Testing:

Unit Testing, Integration Testing, System Testing: Performance, Load, Stress, Security, and Recoverability. Regression testing, Installation testing, Usability, Acceptance testing: Alpha & Beta testing, Configuration Testing , Compatibility Testing ,Web Site Testing ,Documentation testing, Foreign language Testing ,etc.

Unit IV:
Working with Test Documentation :

Planning your Test efforts: Test Phases, Test Strategy, Test schedule, Metrics and statistics, Risk and issues. Writing and Tracking Test cases: Test Design, Test Procedures, Bug Tracking systems and Reporting.

Unit V

Software Quality Assurance Fundamentals : Definition of Quality, Quality Assurance , QC, SQA, Software Quality Metrics, SQA Activities , Process Improvement- Process and Product Qual
Automated Testing and Test Tools
Benefits of Automation and tools, Test tools ,Software test Automation
Case Study: Testing the Software using manual and Automated Testing Tools.

Text Books :
1. Software Testing By Ron Patton, TechMedia Pub.

Aim of Course: To make students know about the basic concepts of Natural Language Processing.

Objectives:
The course is designed to make students:

- Understand basic concepts of natural language processing.
- Understand NLP problems and survey the literature about that problem
- Design an innovative application using NLP components.
- Implement a rule based system to tackle morphology/syntax of a Language.

Prerequisites:
Formal Language Theory, Artificial Intelligence, Data Structures and Algorithms

Course Contents

Unit I Introduction:
NLP tasks in syntax, semantics, and pragmatics. Applications such as information extraction, question answering, and machine translation. The problem of ambiguity. The role of machine learning. Brief history of the field.

Unit II N-gram Language Models:
The role of language models. Simple N-gram models. Estimating parameters and smoothing. Evaluating language models.
Part of Speech Tagging and Sequence Labeling: Lexical syntax. Hidden Markov Models (Forward and Viterbi algorithms and EM training).

Unit III Syntactic parsing:
Grammar formalisms and treebanks. Efficient parsing for context-free grammars (CFGs). Statistical parsing and probabilistic CFGs (PCFGs). Lexicalized PCFGs. Neural shift-reduce dependency parsing.
Semantic Analysis: Lexical semantics and word-sense disambiguation. Compositional semantics. Semantic Role Labeling and Semantic Parsing.

Unit IV Information Extraction (IE):
Named entity recognition and relation extraction. IE using sequence labeling.
Machine Translation (MT): Basic issues in MT. Statistical translation, word alignment, phrase-based translation, and synchronous grammars.

Unit V Words, Word Forms and Meaning:
Morphology fundamentals, Morphological Diversity of Indian Languages, Wordnet Theory, Indian Language Wordnets and Multilingual Dictionaries.

Text Book

1. Jurafsky, Dan and Martin, James, Speech and Language Processing, Second Edition, Prentice Hall, 2008.
2. P. J. Antony, K. P. Soman Natural Language Processing For Indian Languages: A Literature Survey, LAP LAMBERT Academic Publishing, 2012
   by (Author)

References:

1. Allen, James, Natural Language Understanding, Second Edition, Benjamin/Cumming, 1995.
2. Charniack, Eugene, Statistical Language Learning, MIT Press, 1993.
3. Manning, Christopher and Heinrich, Schutze, Foundations of Statistical Natural Language Processing, MIT Press, 1999.
4. http://www.cfilt.iitb.ac.in/
5. https://anoopkunchukuttan.github.io/indic_nlp_library/

International Institute of Professional Studies, Devi Ahilya University, Indore.

Master of Computer Applications(MCA 6 Yers)

Multimedia Computing (IC-1005)

Objective: To give exposure to the students on latest development in the field of Multimedia and related fields.

Prerequisite: Computer Graphics and fundamentals of Information Theory.

Course of Contents

Unit-I Multimedia: Introduction and Applications
Introduction to Multimedia, Motivation and Applications, Signals and Waves, Analog and Digital Data, Components of multimedia , Sampling and Quantization; Fundamentals of Information theory, Multimedia Authoring tools. Basics of Data Compression: - Run-length, Huffman, Arithmetic.

Unit-II Fundamentals of Image
Image Data Representation, Colour Models: RGB, YCbCr; Main Image File Formats: Bitmap Files; Halftonning, Dithering; Lossless Image Compression: Run-length Coding (pcx), Lossy Image Compression, Cosine Transform Based Coding (jpeg).

Unit-III Basics of Digital Audio
Introduction to Digital Audio, Representing Audio Data, WAV Audio Format, Audio Data Compression, MP3, MIDI concepts, Audio memory representation.

Unit-IV Basics of Video
Video: Digitization of video, Video capturing , Video transmission standards; EDTV, CCER, CIF, SIF, HDTV, Video formats: H-261, H-263. MPEG Video compression. Video streaming. Study and analysis of video formats, compression and streaming.   JPEG

Unit-V Multimedia Network Communication
Multimedia Communication and applications, Study of Multimedia networking, Quality of data transmission, Multimedia over IP, Media on Demand.
Applications: Media Entertainment, Media consumption, web-based applications, e-learning and education, Different Multimedia applications, Analysis and development of Multimedia application

Books Recommended:
Text → [1] Ralf Steinmetz & Klara Nahrstedt, Multimedia: Computing, Communications &
Book   Applications, Pearson Education Asia (Reference) →
[2] Tay Vaughan, Multimedia: Making It Work, McGrawhill,Osborne Media
[3] Jerry D. Gibson, Multimedia Communications, Directions and Innovations
[4] J.Jeffcoate, Multimedia in practice, Technology & Application, PHI 1995.
[5] Ze-Nian-Li, Fundamentals of Multimedia, Pearson Education
[6] S. Annadurai & R. Shanmugalakshmi, Fundamentals of Digital Image Processing Pearson Education

Master of Technology(IT)($5^{1/2}$ Yers)

Image Processing (IT-805)

UNIT I DIGITAL IMAGE FUNDAMENTALS
Introduction – Origin – Steps in Digital Image Processing – Components – Elements of Visual Perception – Image Sensing and Acquisition – Image Sampling and Quantization – Relationships between pixels - color models

UNIT II IMAGE ENHANCEMENT
Spatial Domain: Gray level transformations – Histogram processing – Basics of Spatial Filtering–Smoothing and Sharpening Spatial Filtering – Frequency Domain: Introduction to Fourier Transform – Smoothing and Sharpening frequency domain filters – Ideal, Butterworth and Gaussian filters

UNIT III IMAGE RESTORATION AND SEGMENTATION
Noise models – Mean Filters – Order Statistics – Adaptive filters – Band reject Filters – Band pass Filters – Notch Filters – Optimum Notch Filtering – Inverse Filtering – Wiener filtering Segmentation: Detection of Discontinuities–Edge Linking and Boundary detection – Region based segmentation- Morphological processing- erosion and dilation

UNIT IV WAVELETS AND IMAGE COMPRESSION
Wavelets – Subband coding - Multiresolution expansions - Compression: Fundamentals – Image Compression models – Error Free Compression – Variable Length Coding – Bit-Plane Coding – Lossless Predictive Coding – Lossy Compression – Lossy Predictive Coding – Compression Standards

UNIT V IMAGE REPRESENTATION AND RECOGNITION
Boundary representation – Chain Code – Polygonal approximation, signature, boundary segments – Boundary description – Shape number – Fourier Descriptor, moments- Regional Descriptors –Topological feature, Texture - Patterns and Pattern classes - Recognition based on matching.

Text books:
1.Digital Image Processing and Computer Vision, Sonka, lavac, Boyle, Cenage Learning.
2.Digital Image Processing, R.C. Gonzalez, R.R. Woods(TMH)
3.Digital Image Processing And Analysis, PHI, B. Chanda, D.Datta Mujumdar.
References Books:
1.Anil Jain, "Fundamentals Of Digital Image Processing", Anil Jain PHI, ISBN-81- 203-0929-4
2.Digital Image Processing using MATLAB, R.C. Gonzalez, R.R. Woods(Person), 2nd Edition.
3. Digital Image Processing, S.Jayaraman, T. Veerakumar (Mc Graw Hill).
4.Introduction to Digital Image Processing with MATLAB, Alasdair McAndrew, Cenage Learning

International Institute of Professional Studies, DAVV, Indore

ORDER

Two day Syllabus design workshop from 21-07 to 22-07-2018 is being organized for design of syllabus of following subject of MCA (6 Yrs). Dr Ramesh Thakur is Convener for the workshop

Sno	Subject Code & Name	Semester	Faculty
1	IC-1102 Enterprise Resources Planning	XI MCA	Dr Ramesh Thakur
			Ms Manju Sachdeo
			Invited Experts
			Dr Maya Ingle
			SCS & IT
2	IC-504 Organization Behavior	V MCA	Dr Joyti Sharma
			Dr R Yadav

Director

DEVI AHILYA VISHWAVIDYALAYA, INDORE
INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

CURRICULUM (SCHEMES)

2015

M.Tech.(IT) 5 ½ Year Integrated Programme

Effective from July 2015

DEVI AHILYA VISHWAVIDYALAYA, INDORE
INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
CURRICULUM (SCHEMES)
&
COURSE OF CONTENTS
2015
M.Tech. (IT) 5 1/2 years
PROGRAMME
Scheme for M.Tech. (IT) effective from July 2015

Semester I

Code	Subject	L	T	P	C
11-101	Mathematics-I	3	1	0	4
11-102	Statistics Methods-I	3	1	0	4
11-103	Physics	3	1	0	4
11-104	C Programming	3	1	0	4
11-105	PC Software	3	1	0	4
11-106	C programming Lab	0	0	4	2
11-107	PC Software lab	0	0	4	2
11-108	Comprehensive Viva	0	0	0	4
					28

Semester II

Code	Subject	L	T	P	C
11-201	Mathematics-II	3	1	0	4
11-202	Statistical Methods-II	3	1	0	4
11-203	Interpersonal communication	3	1	0	4
11-204	Basic Electronics	3	1	0	4
11-205	Programming with C++	3	1	0	4
11-206	C++ programming Lab	0	0	4	2
11-207	Basic Electronics Lab	0	0	4	2
11-208	Comprehensive	0	0	0	4
					28

Semester III

Code	Subject	L	T	P	C
IT-301	Linear Algebra	3	1	0	4
IT-302	Internet Tools	3	1	0	4
IT-303	Digital Electronics	3	1	0	4
IT-304	DS with C++	3	1	0	4
IT-305	Engineering Drawing	3	1	0	4
IT-306	Digital Elex. Lab	0	0	4	2
IT-307	DS Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester IV

Code	Subject	L	T	P	C
IT-401	Principles & Practices of Management	3	1	0	4
IT-402	Digital computer organization	3	1	0	4
IT-403	Data Base Management System	3	1	0	4
IT-404	Data & Computer Communication	3	1	0	4
IT-405	UNIX	3	1	0	4
IT-406	Data Base Management System Lab	0	0	4	2
IT-407	Unix Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester V

Code	Subject	L	T	P	C
IT-501	AEM	3	1	0	4
IT-502	Micro Processor and Assembly Language	3	1	0	4
IT-503	Core Java	3	1	0	4
IT-504	System Analysis and Design	3	1	0	4
IT-505	Discrete structures	3	1	0	4
IT-506	Java programming Lab	0	0	4	2
IT-507	Micro Processor and Assembly Language Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester VI

Code	Subject	L	T	P	C
11-601	Computer Architecture	3	1	0	4
11-602	System Programming	3	1	0	4
11-603	Computer Graphics	3	1	0	4
11-604	Numerical Analysis & Design	3	1	0	4
11-605	Analog Electronics	3	1	0	4
11-606	Computer Graphics Lab	0	0	0	2
11-607	Project	0	0	0	4
11-608	Comprehensive Viva	0	0	0	4
					30

Semester VII

Code	Subject	L	T	P	C
11-701	Computer Networks	3	1	0	4
11-702	Theory of Computation	3	1	0	4
11-703	Advanced Java	3	1	0	4
11-704	Operating System	3	1	0	6
11-705	Bio-Informatics	3	1	0	4
11-705	Advanced Java Lab	0	0	4	2
	Comprehensive Viva				4
					28

Semester VIII

Code	Subject	L	T	P	C
11-801A	Advanced Computer Architecture	3	1	0	4
11-802	Design & Analysis of Algorithm	3	1	0	4
11-803	Artificial Intelligence	3	1	0	4
11-804	Software Engineering	3	1	0	4
11-805	Elective 1 Ethics in computer 2 Image Processing 3 Cyber laws 4 Information Security	3	1	0	4
11-806	Organizational Behavior	3	1	0	4
11-807	Comprehensive Viva	0	0	0	4

Semester IX | | | | | 28

Code	Subject	L	T	P	C
IT-901	Advanced Database Management Systems	3	1	0	4
IT-902	Optimization Techniques	3	1	0	4
IT-903	Elective: 1 Cloud computing 2 Parallel processing 3 Embedded Systems	3	1	0	4
IT-904	Object Oriented Analysis and Design	3	1	0	4
IT-905	Advanced Database Management Systems lab	0	0	4	2
IT-906	Project	0	0	0	4
	Comprehensive Viva	0	0	0	4
					26

Semester X

Code	Subject	L	T	P	C
IT-1001	Design patterns	3	1	0	4
IT-1002	Data mining and warehousing	3	1	0	4
IT-1003	Research in computing	3	1	0	4
IT-1004	Wireless & mobile communications	3	1	0	4
IT-1005	Elective 1 Natural language processing 2 Distributed computing 3 Information Technology and Project management 4 Simulation and Modeling	3	1	0	4
IT-1006	Project	0	0	0	4
IT-1007	Comprehensive Viva	0	0	0	4
					28

Semester XI

Code	Subject	L	T	P	C
IT-1101	Project	0	0	0	12

Members of Curriculum (Schemes) & Course of Contents Revision Committee

DEVI AHILYA VISHWAVIDYALAYA, INDORE
INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

CURRICULUM (SCHEMES)

2016

M.Tech.(IT) 5 Year Integrated Programme
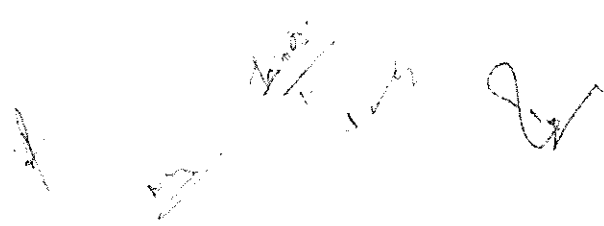
Effective from July 2016

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEME OF EXAMINATION FOR FOR M.TECH. (IT) 5 YEARS
EFFECTIVE FROM JULY 2016
(SUBJECT TO REVISION)

Semester I

Code	Subject	L	T	P	C
IT-101	Mathematics	3	1	0	4
IT-102	Communication Skills	3	1	0	4
IT-103	Physics	3	1	0	4
IT-104	C Programming	3	1	0	4
IT-105	PC Software	3	1	0	4
IT-106	C programming Lab	0	0	4	2
IT-107	PC Software lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester II

Code	Subject	L	T	P	C
IT-201	Chemistry and Environmental Sciences	3	1	0	4
IT-202	Probability and Statistical Methods	3	1	0	4
IT-203	Digital Computer Organization	3	1	0	4
IT-204	Basic Electronics	3	1	0	4
IT-205	Programming with C++	3	1	0	4
IT-206	C++ programming Lab	0	0	4	2
IT-207	Basic Electronics Lab	0	0	4	2
	Comprehensive	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHEME OF EXAMINATION FOR FOR M.TECH. (IT) 5 YEARS
EFFECTIVE FROM JULY 2016
(SUBJECT TO REVISION)

Semester III

Code	Subject	L	T	P	C
IT-301	Linear Algebra	3	1	0	4
IT-302	French	3	1	0	4
IT-303	Digital Electronics	3	1	0	4
IT-304	DS with C++	3	1	0	4
IT-305	Engineering Drawing	3	1	0	4
IT-306	Digital Elex. Lab	0	0	4	2
IT-307	DS Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester IV

Code	Subject	L	T	P	C
IT-401	IT Act and Cyber Law	3	1	0	4
IT-402	Numerical Analysis & Design	3	1	0	4
IT-403	Data Base Management System	3	1	0	4
IT-404	Data & Computer Communication	3	1	0	4
IT-405	UNIX Operating System	3	1	0	4
IT-406	Data Base Management System Lab	0	0	4	2
IT-407	Unix Operating System Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
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SCHEME OF EXAMINATION FOR FOR M.TECH. (IT) 5 YEARS
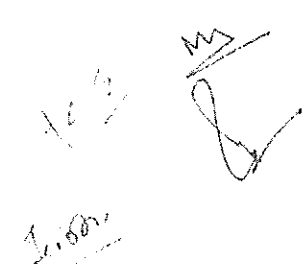EFFECTIVE FROM JULY 2016
(SUBJECT TO REVISION)

Semester V

Code	Subject	L	T	P	C
IT-501	Computer Architecture	3	1	0	4
IT-502	Micro Processor and Assembly Language	3	1	0	4
IT-503	Programming in Java	3	1	0	4
IT-504	System Analysis and Design	3	1	0	4
IT-505	Discrete Structures	3	1	0	4
IT-506	Programming in Java Lab	0	0	4	2
IT-507	Micro Processor and Assembly Language Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Semester VI

Code	Subject	L	T	P	C
IT-601	Computer Networks and Security	3	1	0	4
IT-602	System Programming	3	1	0	4
IT-603	Advanced Java	3	1	0	4
IT-604	Web Technology	3	1	0	4
IT-605	Analysis and Design of Algorithms	3	1	0	4
IT-606	Advanced Java Lab	0	0	4	2
IT-607	Web Technology Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
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SCHEME OF EXAMINATION FOR FOR M.TECH. (IT) 5 YEARS
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Semester VII

Code	Subject	L	T	P	C
IT-701	Advanced Database Management Systems	3	1	0	4
IT-702	Theory of Computation	3	1	0	4
IT-703	Computer Graphics and Multimedia	3	1	0	4
IT-705A	Operating System	3	1	0	4
IT-706	Computer Graphics and Multimedia Lab	0	0	0 4	2
IT-707	Project	0	0	4	4
	Comprehensive Viva				4
					28

Semester VIII

Code	Subject	L	T	P	C
IT-801A	Principles of Programming Language	3	1	0	4
IT-802	Mobile and Wireless Computing	3	1	0	4
IT-803	Artificial Intelligence	3	1	0	4
IT-804	Software Engineering	3	1	0	4
IT-805	Elective I	3	1	0	4
IT-806	Cloud Computing	3	1	0	4
	Comprehensive Viva	0	0	0	4
					28

Elective I
1. Bioinformatics.
2. Image Processing.
3. Simulation and Modeling.
4. Information Security.
5. Real Time System.

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SCHEME OF EXAMINATION FOR FOR M.TECH (IT) 5 YEARS
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Semester IX

Code	Subject	L	T	P	C
IT-901	Data Mining and Warehousing	3	1	0	4
IT-902	Object Oriented Analysis and Design	3	1	0	4
IT-903	Elective II	3	1	0	4
IT-904	IT Project Management	3	1	0	4
IT-905	Research Methodology	2	0	0	2
IT-906	Project Phase 1	0	0	4	4
IT-907	Object Oriented Analysis and Design Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28

Elective II
1. Optimization Techniques
2. Parallel Processing
3. Information Extraction
4. Design Pattern
5. Distributed System

Semester X

Code	Subject	L	T	P	C
IT-1101	Project Phase 2	0	0	0	12

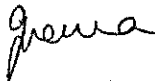Members of Curriculum (Schemes) & Course of Contents Revision Committee

IIPS, DAVV

Proposal for Departmental Committee

Sub:- Approval of new specialization schemes for MBA(MS) 5yrs PG and MBA(MS) 2yrs

A workshop was conducted at IIPS in June 2015 to review the course structure, curriculum and course content of various programs. Opinion was gathered from industry experts, subject experts, faculty, alumni and students. The outcome of this workshop is to offer the new scheme of specialization from July 2015.

- The scheme of Dual specialization and Single specialization is proposed to be offered to students in Marketing, Finance and HR

- The credits in each semester are proposed to be in accordance with new Ordinance 31.

- This being the introductory year for this new scheme, it is possible that less number of students opt for any particular option. Therefore, it is proposed that the present scheme will be offered even if there are minimum 5 students in a group.

- The proposed scheme has been approved by the expert panel.

- The proposed scheme has also been approved by Program Incharges of all programs of IIPS.

- The Schemes approved by Expert Panel and Minutes of PI Meeting are enclosed

Submitted for approval.

Program Incharge
MBA(MS) 5yrs PG

Program Incharge
MBA(MS) 2yrs

Course name	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI
Accounting	Financial Accounting	Cost Accounting	Management Accounting			
Management	PPM OR Directing & Staffing	Organisational Mgmt	Marketing Mgmt I	Marketing Mgmt II	Entrepreneurship	
Law	Law	Business Law	Income Tax Law	Economics		
Economics / Tax	Economics	Managerial Economics	Macro Economics			
Mathematical Ability	Business Maths I	Business Maths II	Business Statistics I	Business Statistics II	Quantitative Techniques	OR Production & Operation Management
				Purchase & Materials Management	Project Management	
Personality / Communication	Language Proficiency I (Hindi)	Language Proficiency II (English)	Soft Skills / Business Communication	Language Proficiency III (French)	Language Proficiency IV (Hindi)	Language Proficiency V (English / French)
Internship / Project / field work / Seminar						Internship / Project / Seminar
Credit	CY		28	124	28	

Total Credit

15 + 6 + 24 = 180
28 × 5 = 180
15 + 24 = 180

Scanned with CamScanner

International Institute of Professional Studies
Following academic plan is proposed for MBA (MS) 5 yrs PG for IM 2K12 batch and existing IM2K11 batch

	IM-VII	IM-VIII	IM-IX	IM-X	IM2K11 IX sem (July –Dec 2015)
Core	Research Methods	Quality Management DMS/MRP	Strategic Management	MRP	Business Env. (C)
			Bus. Engir Business Ethics and Corporate governance MRP/DMS		
MKT A (DUAL)	Integrated Marketing Communication	Product & Brand Mgt.	Mktg. Decisions		Strategic Management(C)
	Sales & Distribution Management	Strategies & Modeling in Marketing	CRM Mktg. Research		Mktg. Decisions (Mj)
	Consumer Behavior	Service Mktg.			Log. & SCM (Mj)
MKT B (SINGLE)	Rural & Retail Marketing	Industrial Marketing	Direct Marketing and Event Mgt.		Mktg. Research (Mj)
	Global Marketing	Logistics and SCM	Advertising and Sales Promotion Mgt.		Industrial Mktg. (E)
	Digital Marketing	Marketing Research / CRM			International Mktg (E)
FIN A (DUAL)	SAPM	International Finance	Multinational Financial Management		Project Finance (Mj)
	FMFS	Financial Planning and wealth mgt	Investment Mgt.		Fin. Research (Mj)
	Insurance and Banking cash technique	Project Finance			SFM (Mj)
FIN B (SINGLE)	Corporate Taxation	Financial Derivatives	Financial Risk Mgt.		Project Finance (E)
	Corporate Financial Analysis	Bank Management	Corporate Restructuring		Int. Fin. Mkts and instruments (E)
	Financial Research	Strategic Financial Mgmt.			HR Planning and Audit (Mj)
HR A (DUAL)	Managing People	Performance Planning & Appraisal	HR for business excellence		Compensation & Reward Mgt.(Mj)
	HRD	IR and Labour Laws	HR and Per. planning		HR Based BPT (Mj)
	T & D	OD			
HR B (SINGLE)	Strategic HRM	International HRM	HR Skills		Compensation & Reward Mgt .(E)
	HR Planning and Audit	Managing Diversity	Advanced Industrial Psychology		HR Based BPT (E)
	Compensation & Reward Mgt.	HR Based BPT			
Credits	7 subjects * 4 credits = 28 credits	7 subjects * 4 credits = 28 credits	7 subjects * 4 credits = 28 credits	12 credits	
Total Credits	96 credits				
	virtual credits of CV in VII, VIII, IX sem = 4*3 = 12 credits GRAND TOTAL: 96+12=108				
Dual Specialization	1 core ;6 from two streams of Group A : TOTAL SUBJECTS: 7 in each semester				
Single Specialization	1 core ; 3 from one stream of Group A and 3 from same stream of Group B				

Pooja Jain   7.7.15   3/3/15   A Sapre 7.7.15   8/3/15

International Institute of Professional Studies
Following academic plan is proposed for MBA (MS) 5 yrs PG for IM 2K12 batch and existing IM2K11 batch

	IM- VII	IM- VIII	IM- IX	IM- X	IM2K11 IX sem (July –Dec 2015)
Core	Research Methods	Quality Management	Strategic Management	MRP	Business Env. (C)
			Bus. Env./ Business Ethics and Corporate governance		
			MRP/DMS		
MKT A (DUAL)	Integrated Marketing Communication	Product & Brand Mgt.	Mktg. Decisions		Strategic Management(C)
	Sales & Distribution Management	Strategies & Modeling in Marketing	CRM		Mktg. Decisions (Mj)
	Consumer Behavior	Service Mktg.			Log. & SCM (Mj)
MKT B (SINGLE)	Rural & Retail Marketing	Industrial Marketing	Direct Marketing and Event Mgt.		Mktg. Research (Mj)
	Global Marketing	Logistics and SCM	Advertising and Promotion Mgt.		Industrial Mktg. (E)
	Digital Marketing	Marketing Research			International Mktg (E)
FIN A (DUAL)	SAPM	International Finance	Multinational Financial Management		Project Finance (Mj)
	FMFS	Financial Planning and wealth mgt	Investment Mgt. Corporate		Fin. Research (Mj)
	Insurance and Banking	Project Finance			SFM (Mj)
FIN B (SINGLE)	Corporate Taxation	Financial Research Derivatives	Financial Risk Mgt.		Project Finance (E)
	Corporate Financial Analysis	Bank Management	Corporate Restructuring Restructuring		Int. Fin. Mkts and instruments (E)
	Financial Research Derivative	Strategic Financial Mgmt.			HR Planning and Audit (Mj)
HR A (DUAL)	Managing People	Performance Planning & Appraisal	HR for business excellence		Compensation & Reward Mgt.(Mj)
	HRD	IR and Labour Laws	HR and Per. planning		HR Based BPT (Mj)
	T & D	OD			
HR B (SINGLE)	Strategic HRM	International HRM	HR Skills		Compensation & Reward Mgt .(E)
	HR Planning and Audit	Managing Diversity	Advanced Industrial Psychology		HR Based BPT (E)
	Compensation & Reward Mgt.	HR Based BPT			
Credits	7 subjects * 4 credits = 28 credits	7 subjects * 4 credits = 28 credits	7 subjects * 4 credits = 28 credits	12 credits	
Total Credits	96 credits				
Dual Specialization	virtual credits of CV in VII, VIII, IX sem = 4*3 = 12 credits GRAND TOTAL: 96+12=108				
	1 core ;6 from two streams of Group A : TOTAL SUBJECTS: 7 in each semester				
Single Specialization	1 core ; 3 from one stream of Group A and 3 from same stream of Group B				

⊗ → Latest Trends in HRM

Scanned with CamScanner

3/Aug/15

A meeting of the _____ discharge of _____ records proposals held on _____ results at 12:30 _____ in _____ Director's cabin

The following were present:

1. _____
2. _____
3. _____
4. _____

The members discussed the matter of less number of students in MBA (2015) 2 for 3 syps. _____ option for core finance/Market plus specialisation under new scheme. After due discussion, the members unanimously agreed that being first year of new scheme, the core specialisation shall be offered to interested students.
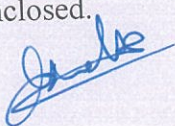
(Neeta)
3/8/15

3/8/15

MINUTES OF THE WORKSHOP OF SYLLABUS REVISION OF MBA(MS) 5 YRS HELD ON 6TH AND 7TH JULY 2018

1. The revision was discussed and approved for 2K18 Batch Onwards for I to VI Semester.
2. The revision was done with addition and deletion of subjects as below:-
   a) MBA (MS) 5 Yrs. I Semester Fundamentals of Computer and Language Proficiency – I (Hindi) is replaced with Fundamentals of Computer and Web Technology, and with Language Proficiency - I (English).
   b) In MBA (MS) 5 Yrs. II Semester Language Proficiency - II (English) is replaced with Business Communication.
   c) In MBA (MS) 5 Yrs. III Semester Soft Skills For Managers is replaced with Language Proficiency - II (French).
   d) Fundamentals of Web & Information Technology and Financial Management – I were deleted in MBA (MS) 5 Yrs. IV Semester, while E-Business Fundamentals and Purchase & Material Management were added.
   e) Financial Management – I, Indirect Taxes and Project Management were introduced in MBA (MS) 5 Yrs. V Semester. Financial Management – II, Business Environment and Production & Operations Management were removed.
   f) In MBA (MS) 5 Yrs. VI Semester, Fundamentals of Machine Learning and Artificial Intelligence, Business Environment, Forecasting Techniques, Production & Operations Management and Financial Management – II were introduced. E-Business Fundamentals, International Business, Purchase & Material Management, Project Management and Business Communication were removed. A new Lab Subject of 2 credits for Data Visualisation was introduced in this semester.
3. Seminar of 2 Credits in previous scheme was altogether removed from new scheme.
4. I to V Semester of the program will comprise of 24 valid credits and 04 virtual credits of comprehensive viva totaling 28 credits per semester.
5. VI Semester will be having 26 valid credits (including 4 credits of 6 theory subjects and 2 credits of Lab) and 04 virtual credits of comprehensive viva totaling 30 credits for the semester.
6. The syllabus of Indirect Taxes subject of MBA (MS) 5 Yrs. V Semester Batch is approved same as for Indirect Taxes in B.Com (Hons) 3rd Semester. It can be revised individually from time to time as required.
7. The scheme duly signed is enclosed.

MINUTES OF THE WORKSHOP OF SYLLABUS REVISION OF MBA(MS) 5 YEARS HELD ON 9TH JULY 2018 ALONG WITH REVISION OF OTHER PROGRAMS HELD ON SAME DATE

1. The revision of scheme was discussed and approved for 2k16 Batch from V semester onwards and for 2k17 Batch from III semester onwards.
2. The revision was done with addition and deletion of subjects for **2k16 Batch** as follows:
   a) Business Environment was removed and Indirect taxes was introduced.
   b) In VI semester of this Batch International Business, and Business Communication were replaced with Business Environment, and Forecasting Techniques. Seminar was replaced by Lab of 2 credits for subject named Data Visualisation.
3. The revision for **2k17 Batch** was done as follows:-
   a) After discussion no change was proposed for current III semester.
   b) In IV semester E-Business Fundamentals, Purchase & Materials Management and Language Proficiency-III (French) was introduced. Fundamentals of Web & Information, FM-I and Seminar were removed. The total credits of semester will be 32 (i.e. 28 valid+4 virtual).
   c) In V semester Financial Management – I, Indirect Taxes and Project Management were added and Financial Management – II, Business Environment, Production & Operations Management and Seminar were deleted.
   d) In the VI semester of 2k17 Batch E-Business Fundamentals, International Business, Purchase & Materials Management, Project Management, Business Communication and Seminar were replaced with Fundamentals of Machine Learning and Artificial Intelligence, Financial Management–II, Business Environment, Forecasting Techniques, Production & Operations Management and Lab-Data Visualisation (2 credit).
4. For both the Batches total credits from I to VI semester will remain same as 180.
5. Currently detailed syllabus of Indirect Taxes as approved for IB-311 in B.Com (Hons.) will be adopted and later on will be modified individually from time to time as required.
6. The Scheme duly signed is enclosed.

MINUTES OF THE WORKSHOP OF SYLLABUS REVISION OF MBA(MS) 5 YEARS HELD ON 24TH JULY 2018 ALONG WITH REVISION OF OTHER PROGRAMS HELD ON SAME DATE

1. In this workshop scheme revision was discussed in light of the directives of Hon'ble Vice Chancellor for presentation and seminar not to be counted in faculty teaching load and will be treated over and above actual credits.
2. The Seminar was thus removed from scheme for **2k16 Batch** from current V Semester and for **2k17 Batch** from current III Semester.
3. All the other revisions made in above-mentioned workshops were duly signed and accepted by the panel as enclosed.

All the supporting documents along with these duly signed printed copy of minutes are enclosed for kind perusal of and ratification by Departmental Committee of International Institute of Professional Studies, Devi Ahilya University Indore.

Minutes of the workshop of syllabus revision of MBA(ms) 5 Yrs held on 6th and 7th July 2018

1) The revision was discussed and approved for 2K18 Batch onwards for Ist to Xth semester

2) The revision was done with addition and deletion of subjects as below:-

a) MBA (ms) 5 Yrs. I semester Fundamentals of Computer and Language Proficiency - I (Hindi) is replaced with Fundamentals of Computers and web Technology, and with ~~Soft Skills and Thought~~ Language Proficiency - I (English) ~~added~~

b) In MBA (ms) 5 Yrs. II semester Language Proficiency - II is replaced with Business Communications ~~and Soft Skills~~
The corrections in point a and b were after taking consensus of all.

c) In MBA (ms) 5 Yrs. III semester Soft Skills for manager is replaced with Language Proficiency II French

d) Fundamental of web & Information Technology and FM-I were deleted in MBA(ms) 5 Yrs IV semester, while E-Business Fundamental and Purchase & materials Management were added

e) Financial management - I, Indirect Taxes and Project management were introduced in MBA(ms) 5 Yrs Vth semester. FM-II, Business Environment and Production & operations Management were removed.

f) In MBA (ms) 5 Yrs. VIth semester Fundamentals of machine learning and Artificial Intelligence, Business environment, Forecasting Techniques, Production and operations Management and FM-II were introduced. ~~in MBA and~~ E-Business Fundamentals, International Business, PMB, Project management and Business Communication were removed.
A new subject of 2 credits for Data Visualisation Lab was introduced in this semester.

seminar of 2 credits in previous scheme was altogether removed from new scheme

I^st of IVth semester of the programme will comprise of 24 valid credits and 4 virtual credits of CV totalling 28 credits per semester

) VIth semester will be having 26 valid credits (including 4 credits of 6 subjects and 2 credits of Lab) and 4 virtual credits of CV totalling 30 credits.

6) The syllabus of Indirect Taxes subject of MBA (ms) 5 Yrs. IVth semester Batch is approved same as for Indirect Taxes in B.Com (Hons') 3rd semester. It can revised individually from time to time as required.

7) The scheme duly signed is enclosed.

7/7/18   7/7/18   7/7/18   7.7.18   7/7/18

07/07/18   S. President   9/7/18   7/7/18

International Institute of professional Studies, DAVV Indore MBA (MS) 5 Years Course Structure

From Batch IM 2K 15 Existing continued for IM 2K 17 Batch

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology		E-Business Fundamentals
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt-II	
Management	-PPM. -IP&OB		Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship
Law / Economics / Tax		Business Law	-Managerial Economics	-Income Tax -Macro Economics	Econometrics	International Business
Mathematical/ Operations Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	-Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt	-Purchase & Materials Mgmt -Project Mgmt
Personality / Communication	Language Proficiency I (Hindi)	Language Proficiency II English/French (Elective)	Soft Skills for Managers		Business Environment	Business Communication
Internship/ Project/ field work/seminar/Lab	2	2	2	2	2	2
Credit	26	26	26	26	26	26
CV	4	4	4	4	4	4
	30	30	30	30	30	30
Total Credit	156+24=180					

Batch IM 2K 18 onwards Proposed

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computers and Web Technology	Programming using C++	RDBMS	E- Business Fundamentals		Fundamentals of Machine Learning and Artificial Intelligence
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting		Financial Mgmt- I	-Financial Mgmt- II
Management	-PPM. -IP&OB		Marketing Mgmt	HRM	Marketing Strategies (case oriented)	Entrepreneur-ship
Law / Economics / Tax		Business Law	Managerial Economics	-Income Tax -Macro Economics	- Econometrics - Indirect Taxes	Business Environment
Mathematical/ Operations Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	Business Statistics II	-Quantitative Techniques -Purchase & Materials Mgmt	-OR -Project Mgmt	- Forecasting Techniques -Production & Operation Mgmt
Personality / Communication	Soft Skills for Managers / language proficiency-I English	Business Communication	Language Proficiency II - French			
Internship/ Project/ field work/seminar/Lab						Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits
Credit	24	24	24	24	24	26
CV	4	4	4	4	4	4
	28	28	28	28	28	30
Total Credit	146+24=170					

Minutes of the workshop of syllabus revision of MBA (MS) 5 Yrs held on 9th July 2018 along with revision of other Programs held on same date

) The revision of scheme was discussed and approved for 2k16 Batch from IVth semester onwards and 2K17 Batch from IIIrd semester onwards

) The revision was done with addition and deletion of subjects for 2k16 Batch as follows:-

a) Business Environment was removed and Indirect taxes was introduced

) In VIth Semester of this batch International Business, and Business Communication were replaced with Business Environment, and Forecasting Techniques. Seminar was replaced by Lab of 2 credits.

) The revision for 2K17 Batch was done as follows:-

a) After discussion no change was proposed for current IIIrd semester

b) In IVth semester E-Business Fundamentals, Purchase & materials management and Language Proficiency—III (French) was introduced. Fundamentals of web & Information Technology, FM-I and seminar were removed. The total credits of sem will be 32 (i.e. 28 Valid + 4 Virtual)

c) In Vth semester FM-I, Indirect Taxes and Project management were added and FM-II, POM, and Business Environment and Seminar were deleted.

5/7/18 9/7/18

09/07/18

9/7/18 9/7/18 9/7/18 09/07/18 09/07/18 9/7/18 9/7/18

A-Sc/r Nirmala S.Pandey

In the VIth semester of 2K17 Batch E-Business Fundamentals, International Business, PMM, Project Mgmt, Business Communication and Seminar were replaced with Fundamentals of Machine Learning and Artificial Intelligence, FM-II, Business Environment, Forecasting Techniques, Production & Operations Management and Lab-Data Visualisation (2 credit for both the batches total credits from Ist to VIth semester will remain same as 180

) Currently detailed syllabus of Indirect Taxes as approved for IB-311 in B.Com (Hons) will be adopted and later on will be modified individually from time to time as required.

) The scheme duly signed is enclosed.

Professional Studies, DAVV Indore MBA (MS)-5-Years Course Structure

From Batch IM 2K 15

Batch IM 2K 15

Sem->	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E- Business Fundamentals	
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt- II	
Management	-PPM. -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship	
Law / Economics / Tax		Business Law	-Managerial Economics -Macro Economics	-Income Tax	Econometrics International Business	
Mathematical / Operations' / Maths -I / Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	-Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt -Project Mgmt	-Purchase & Materials Mgmt -Project Mgmt
Personality / Communication	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers		Business Environment	Business Communication
Internship/ Project/ field work/seminar/ Lab	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)
Credit(Valid)	26	26	26	26	26	26
CV Credit (Virtual)	4	4	4	4	4	4
Total Credit	30	30	30	30	30	30

156+24=180

Batch IM 2K 16 Proposed from July 2018 Onwards

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E- Business Fundamentals	
	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt- II	
	-PPM. -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship	
		Business Law	-Managerial Economics -Macro Economics	-Income Tax	-Econometrics -Indirect Taxes	-Business Environment -Forecasting Techniques
	- Business Maths -I -Business Statistics I	- Business Maths-II -Business Statistics I	-Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt	-Purchase & Materials Mgmt -Project Mgmt
	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers			-Project Mgmt
	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits
Credit(Valid)	26	26	24	26	26	26
CV Credit (Virtual)	4	4	4	4	4	4
Total Credit	30	30	30	30	30	30

156+24=180

IM 2K15 (SUMMER 2K15)

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E- Business Fundamentals	
Accounting/Finance (Fin.)	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt- II	
Management	-PPM. -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship	
Law / Economics / Tax		Business Law	-Managerial Economics -Macro Economics	-Income Tax Economics	Econometrics International Business	
Mathematical / Business Ability; Operations Ability		- Business Maths-I -Business Statistics I	- Business Maths-II -Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt -Project Mgmt	-Purchase & Materials Mgmt
Personality / Communication		Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers	Business Environment	Business Communication
Project field work/seminar/ Lab		Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)
Internship						
Credit (Valid)	26	26	26	26	26	26
CV Credit (Virtual)	4	4	4	4	4	4
Total Credit	30	30	30	30	30	30

Total Credit: 156+24=180

Batch IM 2K17 Proposed from July 2018 Onwards

Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Fundamental of Computer	Programming using C++	RDBMS	E- Business Fundamentals		Fundamentals of Machine Learning and Artificial Intelligence
Fin. Accounting	Cost Accounting	Management Accounting		Financial Mgmt- I	-Financial Mgmt- II
-PPM. -IP&OB	Marketing Mgmt	HRM	Marketing Strategies (case oriented)	Marketing Entrepreneur-ship	-Entrepreneur-ship
	Business Law	-Managerial Economics -Macro Economics	-Income Tax -Macro Economics	-Econometrics - Indirect Taxes	Business Environment
	- Business Maths-I -Business Statistics I	-Business Maths-II -Business Statistics II	-Quantitative Techniques -Purchase & Materials Mgmt	-OR -Project Mgmt	- Forecasting Techniques -Production & Operation Mgmt
	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Mangers	Language Proficiency III French	Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits
	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	
26	26	26	28	24	26
4	4	4	4	4	4
30	30	30	32	28	30

Total Credit: 156+24=178-180

National Institute of professional Studies, DAVV Indore MBA (MS) 5 Years Course Structure

From Batch IM 2K 15

	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E-Business Fundamentals	
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	Financial Mgmt-II	
Management	-PPM. -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship	
Law / Economics / Tax			Business Law	-Managerial Economics -Macro Economics	-Income Tax -Econometrics	International Business
Mathematical / Operations Ability	-Business Maths-1	-Business Maths-II -Business Statistics I	-Business Statistics II	-Quantitative Techniques	-OR -Production & Operation Mgmt	-Purchase & Materials Mgmt -Project Mgmt
Personality / Communication	Language Proficiency 1 (Hindi)	Language Proficiency II English	Soft Skills for Managers		Business Environment	Business Communication
Internship/ Project/ field work/seminar/ Lab	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)
	30	30	30	30	30	30
Credit(Valid)	26	26	26	26	26	26
CV Credit (Virtual)	4	4	4	4	4	4
Total Credit	156+24=180					

Batch IM 2K 16 Proposed from July 2018 Onwards

	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E-Business Fundamentals	
Accounting	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt-II	
Management	-PPM. -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	Entrepreneur-ship	
Law / Economics			Business Law	-Managerial Economics -Macro Economics	-Income Tax -Econometrics - Indirect Taxes -Business Environment -Forecasting Techniques -Purchase &	
Mathematical / Operations	- Business Maths -I	- Business Maths-II -Business Statistics I	-Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt -Materials Mgmt -Project Mgmt	
Personality	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers		Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits	
Internship/ Project work	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar	
	30	30	30	30	30	
Credit(Valid)	26	26	24	26	24	
CV Credit	4	4	4	4	4	
Total Credit	154+24=178				28	

Note:- As per directives of Hon'ble Vice Chancellor Presentation and Seminar will not be counted in faculty teaching load and will be treated over and above actual credits.

24/7/18

S. Paridat 24/7/18

24/7/18

From Batch IM 2K 15

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Technology	E- Business Fundamentals	
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I		
Management	-PPM -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented) -Financial Mgmt-II	-Entrepreneurship	
Law / Economics / Tax	Business Law	-Managerial Economics -Macro Economics	-Income Tax	Econometrics	International Business	
Mathematical/ Operations Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	-Business Statistics II	Quantitative Techniques	-OR -Production & Operation Mgmt	-Purchase & Materials Mgmt -Project Mgmt
Personality / Communication	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers		Business Environment	Business Communication
Internship/ Project/ field work/seminar/ Lab	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)
Credit(Valid)	26	26	26	26	26	26
CV Credit (Virtual)	4	4	4	4	4	4
Total Credit	30	30	30	30	30	30

156+24=180

Batch IM 2K 17 Proposed from July 2018 Onwards

	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	E- Business Fundamentals		Fundamentals of Machine Learning and Artificial Intelligence
	Fin. Accounting	Cost Accounting	Management Accounting	Financial Mgmt-I	Financial Mgmt- II	
	-PPM. -IP&OB	Marketing Mgmt	HRM	Marketing Strategies (case oriented)	Entrepreneur-ship	
	Business Law	-Managerial Economics -Macro Economics	-Income Tax -Indirect Taxes	-Econometrics - Indirect Taxes	Business Environment	
	- Business Maths	- Business Maths-II -Business Statistics I	-Business Statistics II -Purchase & Materials Mgmt	-Quantitative Techniques -Project Mgmt	-OR -Project Mgmt	- Forecasting Techniques -Production & Operation Mgmt
	Language Proficiency I (Hindi)	Language Proficiency II English	Soft Skills for Managers	Language Proficiency III French		Lab - Data Visualisation (Using Excel/Tableau etc.) 2 credits
	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)	Seminar (2 Credits)		
	26	26	24	28	24	26
	4	4	4	4	4	4
	30	30	28	32	28	30

154+24=178

Note:- As per directives of Hon'ble Vice chancellor presentation and seminars will not be counted in faculty teaching load and will be treated over and above actual credits.

Copy Sd/- Bhargava

21/7/16 24/7/18 24/7/18 24/7/18 S. Pdidot- 24/7/18 24.7.18

From Batch IM 2K 15

Sem->	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computer	Programming using C++	RDBMS	Fund. of Web & Information Tech-nology		E- Business Fundamentals
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Management I	-Financial Mgmt- II	
Management	-PPM -IP&OB	Marketing Mgmt	-HRM	-Marketing Strategies (case oriented)	-Entrepreneur-ship	
Law / Economics / Tax		Business Law	-Manag-erial Economics -Macro Economics	-Income Tax	Econometrics	International Business
Mathematical / Operations Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	-Business Statistics II	-Quantitative Techniques	-OR -Production & Operation Mgmt -Project Mgmt	-Purchase & Materials Mgmt -Project Mgmt
Personality / Communication	Language Proficiency I (Hindi)	Language Proficiency II English/French (Elective)	Soft Skills for Managers		Business Environment	Business Comm-unication English
Internship/ Project/ field work/seminar/ Lab	2	2	2	2	2	2
Credit	26	26	26	26	26	26
CV	4	4	4	4	4	4
	30	30	30	30	30	30
Total Credit	156+24=180					

Batch IM 2K 18 onwards Proposed

	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Computer	Fundamental of Computers and Web Technology	Programming using C++	RDBMS	E- Business Fundamentals	Fundamentals of Machine Learning and Artificial Intelligence	Fundamentals of Machine Learning and Artificial Intelligence
Accounting/Finance	Fin. Accounting	Cost Accounting	Management Accounting	Financial Mgmt- I	-Financial Mgmt- II	
Management	-PPM -IP&OB	Marketing Mgmt	HRM	Marketing Strategies (case oriented)	Entrepreneurship	Entrepreneurship
Law / Economics / Tax		Business Law	Managerial Economics -Macro Economics	-Income Tax - Indirect Taxes	-Econometrics - Indirect Taxes	Business Environment
Mathematical / Operations Ability	- Business Maths -I	- Business Maths-II -Business Statistics I	Business Statistics II	-Quantitative Techniques -Purchase & Materials Mgmt	-OR -Project Mgmt -Production & Operation Mgmt	- Forecasting Techniques -Production & Operation Mgmt
Personality / Communication	Language Proficiency I- English	Business Communication	Language Proficiency II- French			Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits
						Lab – Data Visualisation (Using Excel/Tableau etc.) 2 credits
Credit	24	24	24	24	24	26
CV	4	4	4	4	4	4
	28	28	28	28	28	30
Total Credit	146+24=170					

Note:- As per directives of Hon'ble Vice chancellor presentation and seminars will not be counted in faculty teaching load and will be treated over and above actual credits.

S. Prajapati 24/7/18

24/7/18

International Institute of Professional Studies
Course curriculum scheme for MBA (MS) 5 yrs PG

	Subject Code	Existing IM- VII	Credit	Subject Code	Proposed For 2K18 onwards Sem. VII	Credit
Core	IM – 703	Research Methods	4	**IM – 703B**	**Research Methodology**	4
Core				IM – 719	Statistical Data Analysis I (SPSS/ E-Views/ SAS/MS EXCEL/R etc)	2
MKT A (DUAL)	IM – 712MA	Integrated Marketing Communication	4	IM – 712MA	Integrated Marketing Communication	4
	IM – 707MA	Sales & Distribution Management	4	IM – 707MA	Sales & Distribution Management	4
	IM – 711MA	Consumer Behavior	4	IM – 711MA	Consumer Behavior	4
MKT B (SINGLE)	IM – 706MB	Rural & Retail Marketing	4	IM – 706MB	Rural & Retail Marketing	4
	IM – 707MB	Global Marketing	4	IM – 707MB	Global Marketing	4
	IM – 705MB	Digital Marketing	4	IM – 705MB	Digital Marketing	4
FIN A (DUAL)	IM – 714FA	SAPM	4	IM – 714FA	Security Analysis and Portfolio Management	4
	IM – 715FA	FMFS	4	IM – 715FA	Financial Market and Financial Services	4
	IM – 704FA	Forecasting Techniques	4	**IM – 7164FA**	**Insurance and Banking**	4
FIN B (SINGLE)	IM – 714FB	Corporate Taxation	4	**IM – 717FB**	**Financial Planning and Wealth Management**	4
	IM – 715FB	Corporate Financial Analysis	4	IM – 715FB	Corporate Financial Analysis	4
	IM – 716FB	Financial Risk Mgt.	4	**IM – 718FB**	**Financial Engineering and Risk Management**	4
HR A (DUAL)	IM – 712HA	Managing People	4	IM – 712HA	Managing People	4
	IM – 709HA	HRD	4	IM – 709HA	Human Resource Development	4
	IM – 711HA	T & D	4	IM – 711HA	Training and Development	4
HR B (SINGLE)	IM – 714HB	Strategic HRM	4	IM – 714HB	Strategic Human Resource Management	4
	IM – 715HB	HR Planning and Audit	4	IM – 715HB	Human Resource Planning and Audit	4
	IM – 716HB	Compensation & Reward Mgt.	4	IM – 716HB	Compensation & Reward Mgt.	4
Credits		7 subjects * 4 credits = 28 credits			7 subjects * 4 valid credits each + 1 Subject * 2 valid credit + CV of 4 virtual credit Total= 34 credits (30 valid + 4 virtual)	
Dual Specialization	2 Core ;6 from two streams of Group A : TOTAL SUBJECTS (excluding CV): 8 in VII					
Single Specialization	2 Core ; 3 from any one stream of Group A and 3 from same stream of Group B ; TOTAL SUBJECTS (excluding CV): 8 in VII					

International Institute of Professional Studies
Course curriculum scheme for MBA (MS) 5 yrs PG

	Subject Code	Existing IM- VIII	Credit	Subject Code	Proposed For 2K18 onwards Sem. VIII	Credit
Core	IM – 801	Quality Management	4			
Compulsory				IM – 8*** ~~8018~~	**Statistical Data Analysis II (SPSS/ E-Views/ SAS/MS EXCEL/R etc)**	2
Elective	IM – 813B	Major Research Project	4	IM – 8***	**Dissertation**	4
	IM – 802C	Decision Making Skills	4	IM – 802C	Decision Making Skills	4
MKT A (DUAL)	IM – 815MA	Product & Brand Mgt.	4	IM – 815MA	Product & Brand Mgt.	4
	IM – 816MA	Strategies & Modeling in Marketing	4	IM – 816MA	Strategies & Modeling in Marketing	4
	IM – 817MA	Service Mktg.	4	IM – 817MA	Service Mktg.	4
MKT B (SINGLE)	IM – 817MB	Industrial Marketing	4	IM – 817MB	Industrial Marketing	4
	IM – 815MB	Logistics and SCM	4	IM – 815MB	Logistics and Supply Chain Mgt.	4
	IM – 816MB	CRM	4	IM-818MB	**Data Analytics**	4
FIN A (DUAL)	IM – 815FA	International Finance	4	IM – 815FA	International Finance	4
	IM – 817FA	Financial Planning and wealth mgt	4	**IM – 818FA**	**Corporate Tax**	4
	IM – 816FA	Project Finance	4	IM – 816FA	Project Finance	4
FIN B (SINGLE)	IM – 815FB	Financial Research	4	**IM – 818FB**	**Data Analytics**	4
	IM – 816FB	Bank Management	4	IM – 816FB	Bank Management	4
	IM – 817FB	Financial Derivatives	4	**IM – 819FB**	**Strategic Financial Management**	4
HR A (DUAL)	IM – 816HA	Performance Planning & Appraisal	4	IM – 816HA	Performance Planning & Appraisal	4
	IM – 817HA	IR and Labour Laws	4	IM – 817HA	IR and Labour Laws	4
	IM – 815HA	OD	4	IM – 815HA	Org. Development	4
HR B (SINGLE)	IM – 815HB	International HRM	4	IM – 815HB	International Human Resource Mgt.	4
	IM – 816HB	Managing Diversity	4	**IM – 8******	**Data Analytics**	4
	IM – 817HB	HR Based BPT	4	IM – 817HB	HR Based BPT	4
Credits	7 subjects * 4 credits = 28 credits	7 subjects * 4 credits = 28 credits			7 subjects * 4 valid credits each + 1 Subject * 2 valid credit + CV of 4 virtual credit Total= 34 credits (30 valid + 4 virtual)	
Dual Specialization	1 Core ; 1 Elective (either Dissertation or DMS) and 6 from two streams of Group A TOTAL SUBJECTS (excluding CV): 8 in VIII					
Single Specialization	1 Core ; 1 Elective (either Dissertation or DMS) and 3 from any one stream of Group A and 3 from same stream of Group B TOTAL SUBJECTS (excluding CV): 8 in VIII					

International Institute of Professional Studies
Course curriculum scheme for MBA (MS) 5 yrs PG

	Subject Code	Existing IM- IX	Credit	Subject Code	Proposed For 2K18 onwards Sem. IX	Credit
Core	IM – 901C	Strategic Management	4	IM – 901C	Strategic Management	4
	IM – 903C	Business Ethics and Corporate governance	4	IM – 903C	Business Ethics and Corporate governance	4
				IM-9***	**Quality Management**	4
MKT A (DUAL)	IM – 919MA	Mktg. Decisions	4	IM – 919MA	Mktg. Decisions	4
	IM – 920MA	Marketing research	4	IM – 920MA	Marketing research	4
MKT B (SINGLE)	IM – 919MB	Direct Marketing and Event Mgt.	4	IM – 919MB	Direct Marketing and Event Mgt.	4
	IM – 920MB	Advertising and Promotion Mgt.	4	**IM – 921MB**	**CRM**	4
FIN A (DUAL)	IM – 919FA	Multinational Financial Management	4	IM – 919FA	Multinational Financial Management	4
	IM – 920FA	Investment Mgt.	4	IM – 920FA	Investment Mgt.	4
FIN B (SINGLE)	IM – 919FB	Strategic Financial Mgmt.	4	**IM – 921FB**	**Financial Research**	4
	IM – 920FB	Corporate Restructuring	4	IM – 920FB	Corporate Restructuring	4
HR A (DUAL)	IM – 919HA	HR for business excellence	4	IM – 919HA	HR for business excellence	4
	IM – 920HA	Latest Trends in HRM	4	IM – 920HA	Latest Trends in HRM	4
HR B (SINGLE)	IM – 919HB	HR Skills	4	IM – 919HB	HR Skills	4
	IM – 920HB	Advanced Industrial Psychology	4	IM – 920HB	Advanced Industrial Psychology	4
Credits					7 subjects * 4 valid credits + CV of 4 virtual credit Total= 32 credits (28 valid + 4 virtual)	
Dual Specialization	3 Core ; and 4subjects from two streams of Group A TOTAL SUBJECTS (excluding CV): 7 in IX Sem.					
Single Specialization	3 Core ; and 2 subjects from any one stream of Group A and 2 subjects from same stream of Group B TOTAL SUBJECTS (excluding CV): 7 in IX					

International Institute of Professional Studies
Course curriculum scheme for MBA (MS) 5 yrs PG

	Subject Code	Existing IM- X	Credit	Subject Code	Proposed For 2K18 onwards Sem. X	Credit
Core	IM - 1001	Industrial Project	12	IM – 1001B	Industrial Project\ Dissertation	12
Credits					1 subjects * 12 valid credits = total 12 credits	
Dual Specialization	Industrial Project\ Dissertation of 12 valid credit					
Single Specialization	Industrial Project\ Dissertation of 12 valid credit					

Programme Scheme of MBA (MS) 5 yrs PG
Proposed For 2K18 onwards batches

Total Credits	**Sem VII:** 7 subjects * 4 valid credits each + 1 Subject * 2 valid credit + CV of 4 virtual credit Total= 34 credits (30 valid + 4 virtual) **Sem VIII:** 7 subjects * 4 valid credits each + 1 Subject * 2 valid credit + CV of 4 virtual credit Total= 34 credits (30 valid + 4 virtual) **Sem IX:** 7 subjects * 4 valid credits + CV of 4 virtual credit Total= 32 credits (28 valid + 4 virtual) **Sem X:** Industrial Project\ Dissertation of 12 valid credit **Total Valid Credit : 100** **Total Virtual Credit : 12** **Grand Total : 112**

International Institute of Professional Studies

Syllabus upgradation workshop from 6.7.18 to 12.7.18

Attendance of 6.7.18

Name	Signature
Dr Aeeta Nema	Nema
Dr. Suresh Pahidar	S. Pahidar
Dr. KAPIL JAIN	Kapil Jain
Dr. Nirmala Sawan	Nirmale
Dr Guvta sharma	Guvta
Dr. Manminder singh Sahija	

International Institute of Professional Studies

Syllabus upgradation workshop
from 6.7.18 to 12.7.18
Attendance of 7.7.18

Name	Signature
Dr Geeta Nema	Nema
Dr. Suresh Patidar	S. Patidar
Dr. Surata Parwani	Shuru
Dr. Anshu Bhati	ms
Dr KAPIL JAIN	Kapil Jain
Dr. Nirmala Sawan	Nirmala
Dr Geeta sharma	Geeta
Dr. Manminder Singh Saluja	Saluja