

Course Structure
MBA (MS) 5 Yrs. 2K18 Batch

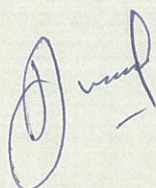
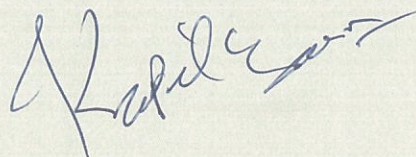
Code	Subject	Code	Subject
Semester 1		Semester 2	
IM-101	Principles & Practices of Management	IM-203	Cost Accounting
IM-102	Financial Accounting	IM-204A	Business Mathematics-II
IM-102B	Interpersonal & Organization Behavior	IM-210B	Programming Using C++
IM-103	Business Mathematics I	IM-214	Business Law
IM-104B	Fundamentals of Computer and Web Technology	IM-216A	Business Statistics-I
IM-106D	Language Proficiency I- (English)	IM-219	Business Communication
Semester 3		Semester 4	
IM-301C	Marketing Management	IM-406B	Macro Economics
IM-302	Management Accounting	IM-411	Income Tax
IM-310B	Language Proficiency-II (French)	IM-415	Quantitative Techniques
IM-314	Managerial Economics	IM-417	Human Resource Management
IM-315	Business Statistics II	IM-420	Purchase & Materials Management
IM-316	RDBMS	IM-421	E- Business Fundamentals
Semester 5		Semester 6	
IM-501A	Financial Management I	IM-601D	Fundamentals of Machine Learning and Artificial Intelligence
IM-503B	Operation Research	IM-602A	Entrepreneurship
IM-506	Marketing Strategies	IM-603A	Forecasting Techniques
IM-511	Econometrics	IM-604A	Financial Management II
IM-514	Indirect Taxes	IM-613	Business Environment
IM-515	Project Management	IM-614	Production and Operation Management
		IM -615	Lab- Data Visualisation

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Semester VII

VII SEMESTER		
Core	IM-703B	Research Methodology
Compulsory	IM – 719	Statistical Data Analysis
MKT A (DUAL)	IM-712MA	Integrated Marketing Communication
	IM-707MA	Sales & Distribution Management
	IM-711MA	Consumer Behavior
MKT B (SINGLE)	IM-706MB	Rural & Retail Marketing
	IM-707MB	Global Marketing
	IM-705MB	Digital Marketing
FIN A (DUAL)	IM-714FA	Security Analysis and Portfolio Management
	IM-715FA	Financial Market and Financial Services
	IM-716FA	Insurance and Banking
FIN B (SINGLE)	IM-714FB	Financial Planning And Wealth Management
	IM-715FB	Corporate Financial Analysis
	IM-718FB	Financial Engineering And Risk Management
HR A (DUAL)	IM-712HA	Managing People
	IM-709HA	Human Resource Development
	IM-711HA	Training and Development
HR B (SINGLE)	IM-714HB	Strategic HRM
	IM-715HB	HR Planning and Audit
	IM-716HB	Compensation & Reward Mgt.

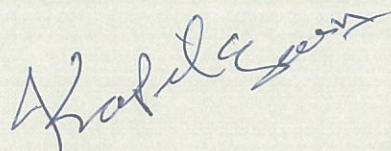



Semester - VIII

VIII SEMESTER			
Core	IM-801B	Quality Management	3
Elective	IM – 813D	Dissertation	3
	IM – 802D	Decision Making Skills	3
MKT A (DUAL)	IM – 815MA	Product & Brand Mgt.	4
	IM – 816MA	Strategies & Modeling in Marketing	4
	IM – 817MA	Service Mktg.	4
MKT B (SINGL E)	IM – 817MB	Industrial Marketing	4
	IM – 815MB	Logistics and Supply Chain Mgt.	4
	IM-818MB	Data Analytics	4
FIN A (DUAL)	IM – 815FA	International Finance	4
	IM – 818FA	Corporate Tax	4
	IM – 816FA	Project Finance	4
FIN B (SINGL E)	IM – 818FB	Data Analytics	4
	IM – 816FB	Bank Management	4
	IM – 819FB	Strategic Financial Management	4
HR A (DUAL)	IM – 816HA	Performance Planning & Appraisal	4
	IM – 817HA	IR and Labour Laws	4
	IM – 815HA	Org. Development	4
HR B (SINGL E)	IM – 815HB	International Human Resource Mgt.	4
	IM – 8****	Data Analytics	4
	IM – 817HB	HR Based BPT	4
		6 subjects (spcl) * 4 valid credits each + 2 Subjects (1 of core, 1 of elective) * 3 valid credit + CV of 4 virtual credit Total= 34 credits (30 valid + 4 virtual)	

Semester IX

	Subject Code	Proposed For 2K18 onwards Sem. IX	Credit
Core	IM – 901C	Strategic Management	4
	IM – 903C	Business Ethics and Corporate governance	4
MKT A (DUAL)	IM – 919M	Mktg. Decisions	4
	IM – 920MA	Marketing research	4
MKT B (SINGLE)	IM – 919MB	Direct Marketing and Event Mgt.	4
	IM – 921MB	CRM	4
FIN A (DUAL)	IM – 919FA	Multinational Financial Management	4
	IM – 920FA	Investment Mgt.	4
FIN B (SINGLE)	IM – 921FB	Financial Research	4
	IM – 920FB	Corporate Restructuring	4
HR A (DUAL)	IM – 919HA	HR for business excellence	4
	IM – 920HA	Latest Trends in HRM	4
HR B (SINGLE)	IM – 919HB	HR Skills	4
	IM – 920HB	Advanced Industrial Psychology	4

Semester X

IM 1001B

Industrial Project / Dissertation / Major Research Project

Course outcomes

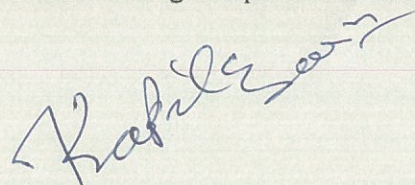
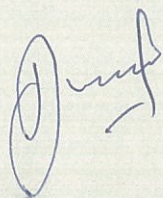
- CO1: Considerably more in-depth knowledge of the major subject/field of study, including deeper insight into current research and development work.
- CO2: A capability to contribute to research and development work.
- CO3: The capability to use a holistic view to critically, independently and creatively identify, formulate and deal with complex issues.
- CO4: The capability to plan and use adequate methods to conduct qualified tasks in given frameworks.
- CO5: The capability to critically and systematically integrate knowledge to understand and solve management issues .
- CO6: The capability to clearly present and discuss the conclusions as well as the knowledge and arguments that form the basis for these findings in written form.
- CO7: The capability to identify the issues that must be addressed within the framework of the specific thesis in order to take into consideration all relevant dimensions of sustainable development.
- CO8: A consciousness of the ethical aspects of research and development work.

About MRP & it's Benefits

The Major Research Project is an opportunity offered to selected students where they conduct an indepth research on any topic of their choice. The MRP helps the students in number of ways :-

- **Nurtures academic insight** - The classroom teaching has certain limitations in terms of depth of subject that can be covered. MRP provides the student scope to explore the topic of choice in greater details. Exposure to an area of research undoubtedly also helps students explore career fields.
- **Enhances Observation skills** - The skill of research is not confined to the so-called academic research world. Research is an everyday practice of observation or data collection in order to make decisions or solve problems in an informed way. It happens in any organisation, and the demand for research skills are increasing.
- **Enhances inquisitiveness** - The ability to ask the right questions about a situation, to decide on the information required understanding the issue, to gather the information and analyse it in a rigorous way, and to develop sound recommendations is a much-needed skill for leaders. MRP helps in equipping MBAs with such skill, which helps them in decision making.
- **Out of class learning** - The capacity of leaders to keep learning and to discover new insights has increasingly become a sought-after skill. This demands formal research initiatives by practitioners and it also requires the ability to listen intelligently to the information signals emitted from everyday activities, from inside as well as outside the organisation – and to learn from these. MRP helps build up on these skill sets.
- **Accentuation of Integrated thinking** - Organizations need leaders who can rise above the paradigms of their own functional expertise; leaders who can see the bigger picture. MRP helps the students to put his learning in a proper perspective and gain a holistic view of all functional areas.

All these qualities do offer an indirect benefit to the student during campus recruitment

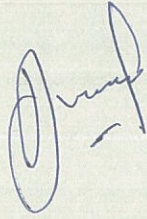
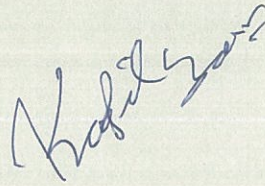


Mentoring

Each of the student is assigned a research supervisor from the faculty members on the basis of topic selected by the student. The student gets an opportunity to interact with him/her regularly on a one to one basis.

Best Project Award

The best project is selected from each functional area , i.e. Finance, Marketing and HR. The selected project is awarded a certificate during the passing out ceremony.

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**International Institute of Professional Studies
Devi Ahilya Vishwavidyalaya, Indore**

Master in Business Administration (Management Science) 2 Years

PROGRAM SCHEME

	Semester I		Credit	Semester II		Credit
Compulsory	FT – 101	Principles and Practices of Management	4	FT 201	Principles of Marketing Mgt.	4
Compulsory	FT – 105	Human Resource Management	4	FT 202A	Interpersonal & Org. Behaviour	4
Compulsory	FT – 107 D	Managerial Economics	4	FT 203B	Business Economics (Macro)	4
Compulsory	FT-112 A	Business Law	4	FT 210A	Research Methodology	4
Compulsory	FT – 113	Business Mathematics and Statistics	4	FT 205	Financial Management	4
Compulsory	FT -114	Soft Skills for Managers	4	FT 215	Business accounting II	4
Elective 1	FT – 102C	Business Accounting I	4	FT 206B	Quantitative Techniques For Business	4
Elective 2	FT- 116	Production & Operations Mgt.		FT 204C	IT for Business	
Compulsory	FT – 117	Lab: Data Visualisation	2	FT 216	Lab: Research Tools	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

		Semester III (Group A is for Dual specialization and Group A plus B is for Single Specialization)		Credit	Semester IV (Group A is for Dual specialization and Group A plus B is for Single Specialisation)		Credit
Compulsory	FT-301E	Strategic Management		3			
Elective	FT302E	Decision Making Skills		3	FT-402B	Business Ethics and Corporate Governance	4
	FT 314B	Dissertation					
		GROUP A			GROUP A		
Marketing	FT-304MA	Integrated Marketing Communication		4	FT-416MA	Product and Brand Management	4
	FT-305MA	Consumer Behavior		4	FT-417MA	Strategies and Modeling in Marketing	4
	FT-307MA	Sales and Distribution Management		4	FT-418MA	Service Marketing	4
Finance	FT-314FA	Security Analysis and Portfolio Management		4	FT-416FA	International Finance	4
	FT-315FA	Financial Markets and Financial Services		4	FT-419FA	Taxation for Managers	4
	FT-316FA	Insurance and Banking		4	FT-418FA	Project Finance	4
HR	FT-314HA	Human Resource Development		4	FT-416HA	Performance Planning and Appraisal	4
	FT-315HA	Training and Development		4	FT-417HA	Industrial Relations and Labor Law	4
	FT-316HA	Managing People		4	FT-418HA	Organization Development	4
		GROUP B			GROUP B		
Marketing	FT-311MB	Digital Marketing		4	FT-416MB	Industrial Marketing	4
	FT-312MB	Global Marketing		4	FT-417MB	Logistic and Supply Chain Management	4
	FT-313MB	Rural and Retail Marketing		4	FT-419MB	Data Analytics	4
Finance	FT-309FB	Corporate Financial Analysis		4	FT-416FB	Bank Management	4
	FT-310FB	Financial Engineering and Risk Management		4	FT-417FB	Strategic Financial Management	4
	FT-314FB	Financial Planning and Wealth Management		4	FT-419FB	Data Analytics	4
HR	FT 311 HB	Strategic HRM		4	FT416 HB	International HRM	4
	FT 312 HB	HR Planning and Audit		4	FT419HB	Data Analytics	4
	FT 313 HB	Compensation and Reward Management		4	FT 418HB	HR Based Business Process Transformation	4
		Total Valid Credit		30	Total Valid Credit		28
		Comprehensive Viva-Voce		04	Comprehensive Viva-Voce		04
		Total Semester Credits		34	Total Semester Credits		32

**MBA (T) 2 Years
Subject Scheme**

Subject Code	Subject Name
TA-101	Fundamentals Of Tourism
TA-102B	Fundamentals Of Management
TA-103C	Quantitative and Statistical Techniques
TA-104B	Geography Of Indian Tourism
TA-106C	Principles Of Tourism Marketing
TA-109B	Fundamentals Of Computer Application
TA-112B	Accounting And Finance For Tourism
TA-114	Internship/Seminars/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

Code	Subject Name
TA-301A	French II
TA -304	International Ticketing
TA-307	Hotel Operations and Management
TA-313	Airline Management- II
TA-314	Organizational Behavior
TA-315	Service Marketing Strategies
TA-316	Cargo Management

Code	Subject Name
TA-401	French -III
TA-404	Foreign Exchange Management
TA-408	Entrepreneurship
TA-410	Conference ,Convention and Event Management
TA-411	E- commerce for Tourism
TA-412/TA-405B	Decision Making Skills/MRP

Dr. Ravindra Yadav
PZ - MBA (TA) 2 Yrs

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-202A	Advertising and PR Research
APR-110	Organizational Behavior	APR-203	Creative Writing
APR – 111A	Accounting and Finance for Managers	APR-206 A	Business Communication and Personality Development
APR-112	Integrated Marketing Communications	APR-209	Mass Communication
APR-113	Fundamentals of Management	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-312/APR-314A	Decision Making Skills/Dissertation (Elective)	APR – 416	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



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -I

JULY-DECEMBER 2018

Code	Subject	L	T	P	C
IT-101A	Mathematics	3	1	0	4
IT-106A	Communication Skills	3	1	0	4
IT-103A	Physics	3	1	0	4
IT-104	C Programming	3	1	0	4
IT-105	PC Software	3	1	0	4
IT-107C	C programming Lab	0	0	4	2
IT-107D	PC Software lab	0	0	4	2
IT-108	Comprehensive Viva	0	0	0	4
Total					28



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -II

JANUARY-JUNE 2019

Sub. Code	Subject Name	L	T	P	C
IT-201	Chemistry and Environment 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-206B	Programming with C++	3	1	0	4
IT-207B	C++ Programming Lab	0	0	4	2
IT-210C	Basic Electronics Lab	0	0	4	2
IT-208	Comprehensive Viva	0	0	4	4
				Total	28



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -III

JULY-DECEMBER 2019

Sub. Code	Subject Name	L	T	P	C
IT-311	Linear Algebra	3	1	0	4
IT-301A	French	3	1	0	4
IT-304	Digital Electronics	3	1	0	4
IT-302B	DS with C++	3	1	0	4
IT-306	Engineering Drawing	3	1	0	4
IT-308D	Digital Elex. Lab	0	0	4	2
IT-307B	DS Lab	0	0	4	2
IT-309	Comprehensive Viva	0	0	0	4
					28



M. Tech. (IT) 5 Years

IV SEMESTER

Batch 2k18

JANUARY – MAY 2020

Sub Code	Subject Name	L	T	P	C
IT-401B	IT Act & Cyber Law	3	1	0	4
IT-402A	Numerical Analysis & Design	3	1	0	4
IT-403B	Data Base Management System	3	1	0	4
IT-409	Data & Computer Communication	3	1	0	4
IT-405A	UNIX Operating System	3	1	0	4
IT-407B	Data Base Management System Lab	0	0	4	2
IT-407D	UNIX Operating System Lab	0	0	4	2
	Comprehensive Viva	0	0	0	4
					28



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -V

JULY-DECEMBER 2020

Sub. Code	Sub. Name	L	T	P	C
IT-501C	Computer Architecture	3	1	0	4
IT-502A	Microprocessor and Assembly Language	3	1	0	4
IT-505B	Programming in Java	3	1	0	4
IT-511	System Analysis and Design	3	1	0	4
IT-512	Discrete Structures	3	1	0	4
IT-507C	Programming in Java Lab	0	0	4	2
IT-508E	Microprocessor and Assembly Language Lab	0	0	4	2
IT-509	Comprehensive Viva	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -VI

JANUARY-MAY 2021

Sub. Code	Sub. Name	L	T	P	C
IT-601A	Computer Network and Security	3	1	0	4
IT-612	System Programming	3	1	0	4
IT-610	Advanced Java	3	1	0	4
IT-603A	Web Technology	3	1	0	4
IT-605A	Analysis and Design of Algorithms	3	1	0	4
IT-609A	Advanced Java Lab	0	0	4	2
IT-608E	Web Technology Lab	0	0	4	2
IT-607	Comprehensive Viva	0	0	0	4
					28



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -VII

JULY-DECEMBER 2021

Sub. Code	Subject Name	L	T	P	C
IT-711	Advanced Database Management System	3	1	0	4
IT-702A	Theory Of Computation	3	1	0	4
IT-712	Computer Graphics and Multimedia	3	1	0	4
IT-705	Operating System	3	1	0	4
IT-709A	Computer Graphics and Multimedia Lab	0	0	4	2
IT-710	Project	0	0	4	4
IT-707	Comprehensive Viva	0	0	4	4
				Total	26



INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -VIII

JANUARY-MAY 2022

Sub. Code	Sub. Name	L	T	P	C
IT-801B	Principles of Programming Language	3	1	0	4
IT-804B	Mobile and Wireless Computing	3	1	0	4
IT-803B	Artificial Intelligence	3	1	0	4
IT-802A	Software Engineering	3	1	0	4
IT-805A	Cloud Computing	3	1	0	4
	Elective -I 1.IT-808: Bio Informatics 2. IT-809: Image Processing 3. IT-810: Simulation and Modelling 4.IT-811A:Information Security 5.IT-812 :Real Time System	3	1	0	4
IT-807	Comprehensive Viva	0	0	0	4
					28

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

DEVI AHILYA UNIVERSITY, INDORE

M. Tech.(IT) 5 Years

Batch 2k18

Semester -IX

JULY-DECEMBER 2022

Sub. Code	Sub. Name	L	T	P	C
IT-901B	Data Mining and Warehousing	3	1	0	4
IT-908A	Object Oriented Analysis and Design	3	1	0	4
IT-902B	IT Project Management	3	1	0	4
IT-903B	Research Methodology	2	0	0	2
	Elective -II	3	1	0	
	1.IT-913A:Optimization Techniques				
	2.IT-914:Parallel Processing				
	3.IT-915:Information Extraction				
	4.IT-916:Design Patterns				4
	5.IT-917:Distributed System				
IT-912	Object Oriented Analysis and Design Lab	0	0	4	2
IT-906	Project Phase 1	0	0	4	4
IT-907	Comprehensive Viva	0	0	0	4
					28

**INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES
DEVI AHILYA UNIVERSITY, INDORE**

M. Tech.(IT) 5 Years

Batch 2k18

Semester -X

JANUARY-MAY 2023

Sub. Code	Sub. Name	Credit
IT-1005D	Project Phase 2	12



DEVI AHILYA VISHWAVIDYALAYA, INDORE

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES



CURRICULUM (SCHEMES)

&

COURSE OF CONTENTS offered in

2018 –2019

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	French	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

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

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-303	Digital Electronics	3	1	0	4
IC-304	Data Structure and Algorithms	3	1	0	4
IC-305	Digital Computer Organization	3	1	0	4
IC-306	Digital Electronics Lab	0	0	4	2
IC-307	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

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**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

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PROGRAMME**

Semester VII

Code	Subject	L	T	P	C
IC-701	Design & Analysis of Algorithms	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	Analog Electronics	3	1	0	4
IC-706	Advance Java Lab	0	0	4	2
IC-707	Design & Analysis of Algorithm Lab	0	0	4	2
	Comprehensive Viva				4
					28

Semester VIII

Code	Subject	L	T	P	C
IC-801	Computer Networks	3	1	0	4
IC-802	Theory of Computation	3	1	0	4
IC-803	Advance Database Management Systems	3	1	0	4
IC-804	Software Engineering	3	1	0	4
IC-805	Optimization Techniques	3	1	0	4
IC-806	Computer Network Lab	0	0	4	2
IC-807	Advance Database Lab	0	0	4	2
	Comprehensive Viva				4
					28

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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	Network and Information Security	3	1	0	4
IC-904	Artificial Intelligence	3	1	0	4
IC-905	Bioinformatics	3	1	0	4
IC-906	Project				4
IC-907	Artificial Intelligence Lab	0	0	4	2
	Comprehensive Viva				4
					30

Semester X

Code	Subject	L	T	P	C
IC-1001	Data Mining and Warehousing	3	1	0	4
IC-1002	Parallel Processing and Distributed Computing	3	1	0	4
IC-1003	Enterprise computing Technique	3	1	0	4
IC-1004	Managerial Economics	3	1	0	4
IC-1005	Elective I	3	1	0	4
IC-1006	Enterprises Computing Technique Lab	0	0	4	2
	Comprehensive Viva				4
					26

Elective I

Multimedia Computing
 Software Testing & Quality Assurance
 Principal of Programming Language

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(VI yr) PROGRAMME (Subject to Revision)**

Semester XI

Code	Subject	L	T	P	C
IC-1101	Wireless and Mobile Computing	3	1	0	4
IC-1102	Enterprise Resources Planning	3	1	0	4
IC-1104	Elective II	3	1	0	4
IC-1105	Research Methodology & Practices	3	1	4	6
IC-1106	Wireless and Mobile Computing Lab	0	0	4	2
	Comprehensive Viva				4
					24

Elective II

Cloud Computing
Design Patterns
Image Processing

Semester XII

Code	Subject	L	T	P	C
IC-1201	Project				24

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