

CERTIFICATE BY RECOGNISED TEACHER / GUIDE

I certify that Shri./Smt.
has worked under my direction for two/four academic terms from to
in College / Institute / Department and that the Dissertation
on a synopsis of which has been signed by me is entirely the
work of the candidate and has been approved by the University.

.....
(Signature of the Guide) Signature
Designation

CERTIFICATE BY THE HEAD/PRINCIPAL OF THE INSTITUTION / COLLEGE

I certify that Shri./Smt.
has satisfactorily attended a course of lectures for each of papers. He/She has my
permission to appear for the Examination.

Signature
Designation

Address for Correspondence :
.....

M. E. Computer Engineering
2008 Course

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Term - I						Term - II					
510101	Applied Algorithms	<input type="checkbox"/>	—	—	—	510108	Distributed System	<input type="checkbox"/>	—	—	—
510102	Emerging trends in Computer Architecture	<input type="checkbox"/>	—	—	—	510109	High Performance Database Systems	<input type="checkbox"/>	—	—	—
510103	Principles and Practices for IT Management	<input type="checkbox"/>	—	—	—	510110	Network Design, Modeling and Analysis	<input type="checkbox"/>	—	—	—
510104	Elective - I	<input type="checkbox"/>	—	—	—	510111	Elective - III	<input type="checkbox"/>	—	—	—
510105	Elective - II	<input type="checkbox"/>	—	—	—	510112	Elective - IV	<input type="checkbox"/>	—	—	—
510106	Laboratory Practice - I	—	<input type="checkbox"/>	—	—	510113	Laboratory Practice-II	—	<input type="checkbox"/>	—	—
510107	Seminar - I	—	<input type="checkbox"/>	—	—	510114	Seminar - II	—	<input type="checkbox"/>	—	—
Term - III						Term - IV					
510115	Seminar - III	—	<input type="checkbox"/>	—	—	510116	Project stage - II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
510116	Project stage - I	—	<input type="checkbox"/>	—	—						
Elective - I (any One)						Elective - II (any One)					
510104 A	Advance Software Engineering			<input type="checkbox"/>		510105 A	Information and Network Security			<input type="checkbox"/>	
510104 B	Intelligent Systems			<input type="checkbox"/>		510105 B	Advanced Compilers			<input type="checkbox"/>	
510104 C	Internet Routing Design			<input type="checkbox"/>		510105 C	Web Services and SOA			<input type="checkbox"/>	
510104 D	Mobile Computing			<input type="checkbox"/>		510105 D	Embedded System Design			<input type="checkbox"/>	
Elective - III (any One)						Elective - IV (any One)					
510111 A	Software Design & Architecture			<input type="checkbox"/>		510112 A	Software Project Management			<input type="checkbox"/>	
510111 B	Pattern Recognition & Machine Vision			<input type="checkbox"/>		510112 B	Infrastructure Management			<input type="checkbox"/>	
510111 C	Network Programming			<input type="checkbox"/>		510112 C	Data Warehousing & Data Mining			<input type="checkbox"/>	
510111 D	Advanced Internet Programming			<input type="checkbox"/>		510112 D	Open Elective (Self Study)			<input type="checkbox"/>	

** Open Elective Subject - BoS computer engineering will declare the list of subjects, which can be taken under Open Elective.

M.E. CSE (Information Technology)
2008 Course

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Term - I						Term - II					
514401	Performance and Evaluation of Computer Systems	<input type="checkbox"/>	—	—	—	514408	Advanced Computer Architecture	<input type="checkbox"/>	—	—	—
514402	Software Engineering Methodologies	<input type="checkbox"/>	—	—	—	514409	Advanced Trends in Database Systems	<input type="checkbox"/>	—	—	—
514403	Advanced Operating Systems	<input type="checkbox"/>	—	—	—	514410	Information Technology Project Management	<input type="checkbox"/>	—	—	—
514404	Elective - I	<input type="checkbox"/>	—	—	—	514411	Elective - III	<input type="checkbox"/>	—	—	—
514405	Elective - II	<input type="checkbox"/>	—	—	—	514412	Elective - IV	<input type="checkbox"/>	—	—	—
514406	Laboratory Practice - I	—	<input type="checkbox"/>	—	—	514413	Laboratory Practice - II	—	<input type="checkbox"/>	—	—
514407	Seminar - I	—	<input type="checkbox"/>	—	—	514414	Seminar - II	—	<input type="checkbox"/>	—	—
Term - III						Term - IV					
514415	Seminar - III	—	<input type="checkbox"/>	—	—	514416	Project stage - II	—	<input type="checkbox"/>	<input type="checkbox"/>	—
514416	Project stage - I	—	<input type="checkbox"/>	—	—						

Elective - I (any One) (514404)

514404A	Software Architecture	<input type="checkbox"/>
514404B	Real Time and Embedded Systems	<input type="checkbox"/>
514404C	Adhoc Networks	<input type="checkbox"/>

Elective - II (any One) (514405)

514405A	Information Assurance and Security	<input type="checkbox"/>
514405B	Compiler Design	<input type="checkbox"/>
514405C	Geographical Information Systems	<input type="checkbox"/>

Elective - III (any One) (614411)

614411A	Internet and Web Technologies	<input type="checkbox"/>
614411B	Advanced Topics in Operating Systems	<input type="checkbox"/>
614411C	Mobile computing and M Commerce	<input type="checkbox"/>
614411D	User Interfaces Design	<input type="checkbox"/>

Elective - IV (any One) (514412)

514412A	Component Based Development	<input type="checkbox"/>
514412B	Advanced Network Programming	<input type="checkbox"/>
514412C	High Performance Computer Networks	<input type="checkbox"/>
514412D	Open Elective II (Self Study)**/ Service Oriented Architecture	<input type="checkbox"/>

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M.E. (Information Technology)
2008 Course

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem. I						Sem. II					
514421	Applied Algorithms	<input type="checkbox"/>	—	—	—	514426	Net Centric Computing	<input type="checkbox"/>	—	—	—
514402	Software Engineering Methodologies	<input type="checkbox"/>	—	—	—	514409	Advance Trends in Database Systems	<input type="checkbox"/>	—	—	—
514403	Advance O.S.	<input type="checkbox"/>	—	—	—	514427	Management Trends in Information Technology	<input type="checkbox"/>	—	—	—
514422	Elective I (any One)					514411	Elective III (any One)	<input type="checkbox"/>	—	—	—
	A. Software Architecture	<input type="checkbox"/>	—	—	—		A. Internet and Web Technologies	<input type="checkbox"/>	—	—	—
	B. Real Time and Embedded Systems	<input type="checkbox"/>	—	—	—		B. Advanced Topics in Operating Systems	<input type="checkbox"/>	—	—	—
	C. Bioinformatics	<input type="checkbox"/>	—	—	—		C. Mobile Computing and M Commerce	<input type="checkbox"/>	—	—	—
514423	Elective II (any One)					514412	Elective IV (Open)	<input type="checkbox"/>	—	—	—
	A. Information Assurance and Security	<input type="checkbox"/>	—	—	—		A. Internet Routing Design	<input type="checkbox"/>	—	—	—
	B. Network Programming	<input type="checkbox"/>	—	—	—		B. Advance Network Programming	<input type="checkbox"/>	—	—	—
	C. Geographical Information Systems	<input type="checkbox"/>	—	—	—		C. High Performance Computer Networks	<input type="checkbox"/>	—	—	—
							D. Open Elective(self study)**	<input type="checkbox"/>	—	—	—
							Service Oriented Architecture				
514424	Laboratory Practice I	—	<input type="checkbox"/>	—	—	514430	Laboratory Practice II	<input type="checkbox"/>	—	—	—
514425	Seminar I	—	<input type="checkbox"/>	—	—	514431	Seminar II	—	<input type="checkbox"/>	—	—
Sem. III						Sem. IV					
514432	Seminar III	—	<input type="checkbox"/>	—	—	514434	Project Stage II*	—	<input type="checkbox"/>	<input type="checkbox"/>	—
514433	Project Stage I	—	<input type="checkbox"/>	—	—						

** Open Elective : Institute will interact with industry to offer a need based topic - BOS Information Technology will declare that the list of subjects, which can be taken under Open Elective.

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M.E. (Computer Networks)
2008 Course

Sub. Code	Subject	Paper	TW	Oral	Pract.	Sub. Code	Subject	Paper	TW	Oral	Pract.
Sem. I						Sem. II					
510301	Applied Algorithms	<input type="checkbox"/>	—	—	—	510308	Operating System Design	<input type="checkbox"/>	—	—	—
510302	Emerging Trends in Comp. Arch.	<input type="checkbox"/>	—	—	—	510309	High Performance Database Systems	<input type="checkbox"/>	—	—	—
510303	Principals and Practices for IT Management	<input type="checkbox"/>	—	—	—	510310	Advanced Software Engineering	<input type="checkbox"/>	—	—	—
510304	Elective I (any One)					510311	Elective III (any One)	<input type="checkbox"/>	—	—	—
	A. Internet Routing Design	<input type="checkbox"/>	—	—	—		A. Network Programming	<input type="checkbox"/>	—	—	—
	B. Internet TCP/IP	<input type="checkbox"/>	—	—	—		B. Network Design, Modeling and Analysis	<input type="checkbox"/>	—	—	—
510305	Elective II (any One)					510312	Elective IV (Open)	<input type="checkbox"/>	—	—	—
	A. Wireless Technology	<input type="checkbox"/>	—	—	—		A. Infrastructure Management	<input type="checkbox"/>	—	—	—
	B. Information Security Audit and Management	<input type="checkbox"/>	—	—	—		B. Convergence Technology	<input type="checkbox"/>	—	—	—
510306	Laboratory Practice I	—	<input type="checkbox"/>	—	—		C. Open Elective(self study)**	<input type="checkbox"/>	—	—	—
510307	Seminar I	—	<input type="checkbox"/>	—	—	510313	Laboratory Practice II	<input type="checkbox"/>	—	—	—
						510314	Seminar II	—	<input type="checkbox"/>	—	—
Sem. III						Sem. IV					
510315	Seminar III	—	<input type="checkbox"/>	—	—	510317	Project Stage II*	—	<input type="checkbox"/>	<input type="checkbox"/>	—
510316	Project Stage I	—	<input type="checkbox"/>	—	—						

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