

## I Name of the Institution

P.N.C. & K.R. COLLEGE OF PG COURSES  
PALNAD ROAD  
NARASARAOPET – 522601  
Phone : (O) 08647-225513  
Fax: 227978  
Email: [pnckr@pnckr.com](mailto:pnckr@pnckr.com)  
Visit us: [www.pnckr.com](http://www.pnckr.com)

## II Name and address of the Director

Prof. Dr. M.Srinivasa Narayana  
DIRECTOR  
P.N.C. & K.R. COLLEGE OF PG COURSES  
PALNAD ROAD  
NARASARAOPET – 522601  
Phone : (O) 08647-225513  
Fax: 227978  
Email: [sarma\\_6@yahoo.com](mailto:sarma_6@yahoo.com)  
Visit us: [www.pnckr.com](http://www.pnckr.com)

## III Name of the affiliating university

ACHARYA NAGARJUNA UNIVERSITY  
NAGARJUNA NAGAR  
GUNTUR DIST

## IV GOVERNANCE

### • Members of the Board and their brief background

S.No.	Name of the Member	Designation	Occupation	Address
1.	P.V.M.K.PRASAD B.A.	President	Agriculture	D.No. 11-22-3 Ramireddypet Narasaraopet
2.	D.Koteswara Rao B.A.,B.L.	Vice-President	Advocate	Rajendra Nagar Guntur
3.	Dr.M.Sivalinga Prasad Rao M.B.B.S.	Secretary & Correspondent	Medical Practitioner	Sri Venkateswara Nursing Home, D.No. 10-4-16 Ramireddypet Narasaraopet
4.	P.Srinivasa Prasad B.Sc.,B.L.	Joint Secretary	Advocate	D.No. 11-18-28/1 Ramireddypet Narasaraopet
5.	Dr.M.Annapurna M.B.B.S.,D.G.O.	Treasurer	Medical Practitioner	Sri Venkateswara Nursing Home, D.No. 10-4-16 Ramireddypet Narasaraopet
6.	Dr. K.Suseela Prasad M.B.B.S.	Member	Medical Practitioner	Vijayapuri Colony Hyderabad

7.	V.Vijaya Lakshmi	Member	Housewife	Tenali, Guntur Dt.
8.	P.Sai Pardasaradhi Prasad	Member	Agriculture	A.Muppalla, Ipur Mandal, Guntur Dt.
9.	K.Raja Rajeswari B.A.	Member	Housewife	Vijayapuri Colony, Hyderabad
10.	P.Raja Sekhar M.Sc.	Member	Employee	H.No. A-18, Road No.3 Film Nagar Jubilee Hills, Hyderabad – 33
11.	Dr. M. Premchand M.D.,D.M.	Member	Medical Practitioner	NIMS, Hyderabad
12.	Dr. T.Padmaja M.D.(Gyn)	Member	Medical Practitioner	Rama Krishna Nursing Home, Railpet, Guntur
13	Dasari Jai Ramesh M.E.	Chairman	Chairman Vijai Electricals	6-3-648/1&2 Somaji Guda Hyderabad -82
14	Dr. M.Anitha M.D.	Member	Medical Practitioner	Plot No. 173, Road No.13, Jubilee Hills, Hyderabad - 37
15	Smt. R.Hima Bindu M.Sc(Bioche)	Member	House Wife	262 Cherry Valley, Dr#K22, Inkster MI 48141, USA
16	R.Mallikarjuna Rao M.Tech	Member	Software Engineer	262 Cherry Valley, Dr#K22, Inkster MI 48141, USA
17	Dr.G.Sambasiva Rao M.B.B.S.	Member	Medical Practitioner	Rajyalakshmi NursingHome, Station Road, Narasaraopet
18	Dr. G.Krishna Kumari M.B.B.S.	Member	Medical Practitioner	Rajyalakshmi NursingHome, Station Road, Narasaraopet

- **Nominees of the University on Governing Body**

S.No.	Name of the Member	Designation	Occupation	Address
1.	Prof. P.Raja Sekhar	University Nominee	Professor	Dept. of English, Acharjuna Nagarjun University Nagarjauna Nagar Guntur

- **Members of the Academic Advisory Body**

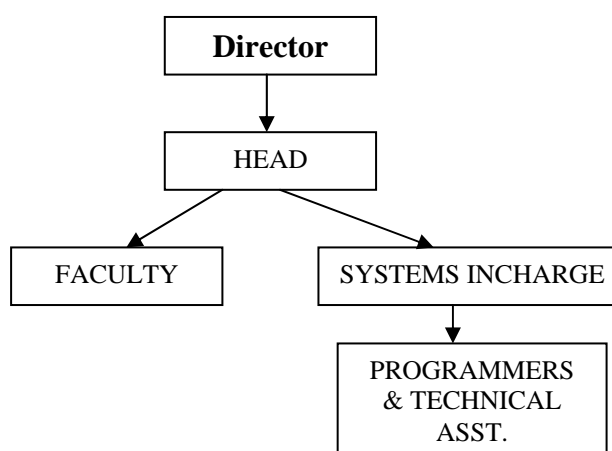
S.No.	Name of the Member	Designation
1	Prof. M. Srinivasa Narayana	Director & Professor
2	Dr.S.V.Naga Sreenivasu	Professor
3	Prof. C.V.Raghvulu	Former Vice-Chancellor
4	Prof. G.Prasad	Software Engineer
5	Sri S. Sivarama Krishna	Asst. professor
6	Sri N.Ch.Jaya Rao	Asst. Professor

- **Frequency of the Board Meetings and Academic Advisory Body**

The Board Meeting are held in Twice in a year

The Academic Advisory Body meetings are held once in Quarter

- **Organisational Chart and Processes**



- **Nature and Extent of involvement of faculty and students in academic affairs/ improvements.**

The following committees are constituted with faculty and students community, for improving the academic affairs.

- Educationally Backward Students Welfare Committee
- Placement Committee
- Student Welfare committee
- Healthy practices committee
- Seminars Committee
- Extra curricular activities Committee

- **Mechanism/Norms & Procedure for democratic/good Governance**
- **Student Feedback on Institutional Governance/Faculty performance**

Regularly the feed back from the students in terms of faculty performance is assessed. Regarding organization of Guest Lectures, Group Discussions/Seminars/Special Programmes/Teaching Learning Practices/Faculty Performance/Facilities/Extra-curricular Activities/Games & Sports etc. The items will be discussed in academic advisory committee meeting thereafter implemented accordingly. The feed back of the students on teaching faculty will be discussed at length suggestions for improvement are carried out. The student feelings also collected regarding guest faculty also compiled.

- **Grievance redressal Mechanism for faculty, staff and students.**

Periodically the Grievances of the students are discussed in the grievance committee members and solutions are arrived at.

## V. PROGRAMMES

Name of the programmes approved by the AICTE: MCA;, MBA

Programme Accredited by : NAAC Graded B++

No. of seats :MCA – 120  
MBA - 60

Duration :MCA - 3 years  
MBA – 2years

Cut of Mark/Rank for admission during last three years :2004-05 – 46527  
:2005-06 – 70819  
2006-07 - 104329  
2007-08 – 99288  
2008-09 -135237

Fee : 27,300/- per year

Placement facilities : Satyam, Wipro, Symantic space, Infosys MNC's, are conducted the Off Campus Interviews. Many MCA students are attended and get positions in companies. Continious effort are being put in to invite MNC's placement purpose to the stakeholders. The HR's are consulted and invited on to the campus for conducting interviews.

Campus Placement in last three years :  
Minimum salary :Rs.4,000  
Maximum salary :Rs.22,000  
Average salary :Rs.13,000

## VI

### Faculty:-

- Permanent Faculty :-  
MCA Programme :

S.No.	Name (s) of the Teaching Faculty	Designation (Lecturer/ Asst. Professor/ Professor)
1	Dr.S.V.Naga Sreenivasu	Professor
2	K.Swaroopa Rani	Asst. Professor
3	N.Charless Jaya Rao	Asst. Professor
4	S.Siva Rama Krishna	Asst. Professor
5	V.V.A.S. Lakshmi	Asst. Professor
6	M.Naresh	Lecturer
7	B.Radha Krishna Murthy	Lecturer
8	P.Vijaya Lakshmi	Lecturer
9	P.Srinivasa Rao	Lecturer
10	K.Sri Krishna Kanth	Lecturer
11	D.Hari Krishna	Lecturer
12	J.Nagamani	Lecturer
13	Y.Srinivasa Reddy	Lecturer
14	G.Sudarjsan Raju	Lecturer
15	P.V.S.N. Prasad	Lecturer
16	M.Sampath Kumar	Lecturer
17	K.Chandra Kanth	Lecturer
18	T.Kiran Kumar	Lecturer

19	S.Srinivasa Rao	Lecturer
20	N.Srinivasa Rao	Lecturer
21	Ch.Rajani	Programmer
22	V.Ambika	Programmer

MBA Programme :

S.No	Name (s) of the Teaching Faculty	Designation (Lecturer/ Asst. Professor/ Professor)
1	Prof. M.Srinivas Narayana	Director & Professor
2	K.P.Kushik	Lecturer
3	B.Amaranadha Reddy	Lecturer
4	Sivasankara Rao	Lecturer

- **Adjunct Faculty**
- **Guest Faculty**

S.No.	Name (s) of the Faculty	Address
1	Prof. P.Trimurthy	Dept. of Computer Science, ANU
2	Prof. I.Ramesh Babu	Dept. of Computer Science, ANU
3	Prof. I.V.Murali Krishna	JNTU, Masab Tank, Hydearabad
4	Prof. M.L.Sai Kumar	IPE, Hyderabad
5	Prof. Sivarama Prasad	Dept. of Computer Science, ANU
6	Prof. G.S Prasad	JKC College, Guntur
7	Prof. K.Gopal	GEEVE, Chennai
8	Prof. C.Bhogaraju	CIEFL, Hyderabad
9	Sri Satya Prasad	Dept. of Computer Science, ANU

- **Permanent Faculty : Student Ratio :: 24:360**

**VII. Profile of the Director/Principal with qualifications, total experience, age and duration of employment at the institution concerned.**

**PROFILE OF THE DIRECTOR**

1.	<b>Name</b>	:	<b>Dr.M.SRINIVAS NARAYANA</b>
2.	Date of Birth	:	<b>05-05-1961</b>
3.	Educational Qualification	:	<b>M.B.A(HR),M.B.A(Mktg)., M.Com, M.,Phil, Ph.D</b>
4.	Work Experience	:	<b>21</b>
	-- Teaching	:	<b>21</b>
	-- Research	:	<b>07</b>
	-- Industry	:	
	-- Others	:	
5.	Areas of Specialization	:	<b>Commerce(Banking),</b>
6.	Subject Teaching at PG Level	:	
7.	Research Guidance	:	
	No. of Papers Published in		<b>12</b>
	-- Conferences	:	<b>28</b>
	-- National Journals	:	<b>28</b>
	-- International Journals	:	<b>01 International Conference</b>
8.	Projects Carried out	:	
9.	Patents	:	<b>-</b>
10.	Technology Transfer	:	<b>-</b>
11.	Research Publications	:	<b>14</b>
12.	No. of Books Published with details	:	<b>02</b>



## PROFILE OF Prof. Dr.S.V.N.Srinivasu

1. **Name** : **Dr.S.V. NAGA SREENIVASU**
2. **Date of Birth** : **10-06-1975**
3. **Educational Qualification** : **M.C.A., M.Tech. Ph.D**
4. **Work Experience** : **14**
  - **Teaching** : **10**
  - **Research** : **05**
  - **Industry** : **04**
  - **Others** :
5. **Areas of Specialization** : **Web Application Testing/  
Software Testing**
6. **Subject Teaching at PG Level** : **Information System  
Auditing  
OOAD, OODB, SE, CO,  
OOP, JAVA**
7. **Research Guidance** :  
**No. of Papers Published in** **02**
  - **Conferences** : **04 Presented, 19  
Participated**
  - **National Journals** :
  - **International Journals** : **01 International Conference  
participated**
8. **Projects Carried out** : **06**
9. **Patents** : **-**
10. **Technology Transfer** : **-**
11. **Research Publications** : **01**
12. **No. of Books Published with details** : **02**



*Srinivasu S.V.N.*

## PROFILE OF SMT K.SWAROOPA RANI

1. **Name** : **K.SWAROOPA RANI**
2. **Date of Birth** : **25-08-1975**
3. **Educational Qualification** : **M.C.A. [M.Tech]**
4. **Work Experience** :
  - **Teaching** : **10+**
  - **Research** : **-**
  - **Industry** : **-**
  - **Others** : **-**
5. **Areas of Specialization** : **IMAGE PROCESSING**
6. **Subject Teaching at PG Level** : **DOS,OS,IP,SE,C,OS**
7. **Research Guidance** : **-**  
**No. of Papers Published in**
  - **Conferences** : **-**
  - **National Journals** : **-**
  - **Internal Journals** : **-**
8. **Projects Carried out** : **-**
9. **Patents** : **-**
10. **Technology Transfer** : **-**
11. **Research Publications** : **-**
12. **No. of Books Published with details** : **-**



## PROFILE OF SRI N.CH.JAYA RAO

1. **Name** : **N.CH.JAYA RAO**
  2. **Date of Birth** : **21-10-1977**
  3. **Educational Qualification** : **M.Sc.(CS),M.Tech,M.Phil.**
  4. **Work Experience** :
    - **Teaching** : **9+**
    - **Research** : **-**
    - **Industry** : **-**
    - **Others** : **-**
  5. **Areas of Specialization** : **CRYPTOGRAPHY &**
  6. **Subject Teaching at PG Level** : **NETWORK SECURITY & DAA,CNS,CO,TAFL**
  7. **Research Guidance** : **-**  
**No. of Papers Published in**
    - **Conferences** : **-**
    - **National Journals** : **-**
    - **Internal Journals** : **-**
  8. **Projects Carried out** : **-**
  9. **Patents** : **-**
  10. **Technology Transfer** : **-**
  11. **Research Publications** : **-**
  12. **No. of Books Published with details** : **-**
- L;j.



*N.Ch.Jaya Rao*

## PROFILE OF SRI S.SIVA RAMAKRISHNA

1. **Name** : **S. SIVARAMAKRISHNA**
2. **Date of Birth** : **19-01-1972**
3. **Educational Qualification** : **M.C.A.,M.Sc.(Appl.Maths),  
M.B.A., M.Phil(Maths),  
M.Phil(CS)**
4. **Work Experience** :
  - **Teaching** : **14**
  - **Research** : **04**
  - **Industry** :
  - **Others** :
5. **Areas of Specialization** : **CODING THEORY &  
CRYPTOGRAPHY, DATA  
MINING**
6. **Subject Teaching at PG Level** : **OR, DMS**
7. **Research Guidance** :  
**No. of Papers Published in**
  - **Conferences** :
  - **National Journals** :
  - **Internal Journals** :
8. **Projects Carried out** :
9. **Patents** :
10. **Technology Transfer** :
11. **Research Publications** :
12. **No. of Books Published with details** :



*S. Sivaramakrishna*

## PROFILE OF SMT V.V.A.S. LAKSHMI

1. **Name** : **V.V.A.S. LAKSHMI**
2. **Date of Birth** : **20-05-1978**
3. **Educational Qualification** : **M.Com., M.Sc(IT), M.Phil  
[M.Tech]**
4. **Work Experience** :
  - **Teaching** : **9**
  - **Research** : **3**
  - **Industry** : **-**
  - **Others** : **-**
5. **Areas of Specialization** : **SOFTWARE TESTING**
6. **Subject Teaching at PG Level** : **AFM, DBMS, OOP, CNM, DS**
7. **Research Guidance** : **-**  
**No. of Papers Published in** : **-**
  - **Conferences** : **-**
  - **National Journals** : **-**
  - **Internal Journals** : **-**
8. **Projects Carried out** : **02**
9. **Patents** : **-**
10. **Technology Transfer** : **-**
11. **Research Publications** : **Httpwalk IN WEB  
APPLICATION TESTING**
12. **No. of Books Published with details** : **-**



## PROFILE OF SRI M.NARESH

1. **Name** : **M.NARESH**
2. Date of Birth : **01-06-1979**
3. Educational Qualification : **M.C.A.**
4. Work Experience :
  - Teaching : **6**
  - Research :
  - Industry : -
  - Others : -
5. Areas of Specialization :
6. Subject Teaching at PG Level : **TCP/IP,CN,C++, DS, C & NM**
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



M. Naresh & Co.

## PROFILE OF SRI B. RADHA KRISHNA MURTHY

1. **Name** : **B.Radha Krishna Murthy**
2. Date of Birth : **01-07-1972**
3. Educational Qualification : **M.Sc(CS), [M.Tech]**
4. Work Experience : **11**
  - Teaching : **3**
  - Research :
  - Industry : **5**
  - Others : **03 as Programmer**
5. Areas of Specialization :
6. Subject Teaching at PG Level : **VISUAL PROGRAMMING, WEB DESIGNING, CN, DBMS**
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF KUM P.VIJAYA LAKSHMI

1. **Name** : P.VIJAYA LAKSHMI
2. Date of Birth : 22-08-1984
3. Educational Qualification : M.C.A.
4. Work Experience : 02+
  - Teaching : 02+
  - Research : -
  - Industry : -
  - Others : -
5. Areas of Specialization :
6. Subject Teaching at PG Level : OS, DOS, OOAD
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF SRI P.SRINIVASA RAO

1. **Name** : **P.SRINIVASA RAO**
2. Date of Birth : **10 – 06 – 1980**
3. Educational Qualification : **M.Sc(CS).[M.Tech]**
4. Work Experience : **07**
  - Teaching : **07**
  - Research : **-**
  - Industry : **-**
  - Others : **-**
5. Areas of Specialization : **Data Base Management Systems**
6. Subject Teaching at PG Level : **Computer Graphics,DBMS**
7. Research Guidance : **-**  
No. of Papers Published in
  - Conferences : **-**
  - National Journals : **-**
  - Internal Journals : **-**
8. Projects Carried out : **-**
9. Patents : **-**
10. Technology Transfer : **-**
11. Research Publications : **-**
12. No. of Books Published with details : **-**



*P. Srinivasa Rao*

## PROFILE OF SRI K.SREE KRISHNA KANTH

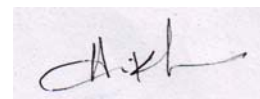
1.	<b>Name</b>	:	<b>K.SREE KRISHNA KANTH</b>
2.	Date of Birth	:	<b>05 – 08 – 1979</b>
3.	Educational Qualification	:	<b>M.Sc(CS).[M.Tech]</b>
4.	Work Experience	:	<b>08</b>
--	Teaching	:	<b>08</b>
--	Research	:	<b>-</b>
--	Industry	:	<b>-</b>
--	Others	:	<b>-</b>
5.	Areas of Specialization	:	<b>VC++, C++, DS</b>
6.	Subject Teaching at PG Level	:	<b>DS,UID</b>
7.	Research Guidance No. of Papers Published in	:	<b>-</b>
--	Conferences	:	<b>-</b>
--	National Journals	:	<b>-</b>
--	Internal Journals	:	<b>-</b>
8.	Projects Carried out	:	<b>-</b>
9.	Patents	:	<b>-</b>
10.	Technology Transfer	:	<b>-</b>
11.	Research Publications	:	<b>-</b>
12.	No. of Books Published with details	:	<b>-</b>



K. S. K. Kanth

## PROFILE OF SRI D. HARI KRISHNA

1. **Name** : D. HARI KRISHNA
2. **Date of Birth** : **01-08-1981**
3. **Educational Qualification** : **M.C.A.**
4. **Work Experience** : **4+ Years**
  - **Teaching** : **2 Years**
  - **Research** :
  - **Industry** : **2 Years**
  - **Others** :
5. **Areas of Specialization** : **.NET TECHNOLOGIES**
6. **Subject Teaching at PG Level** : **IT, LP, AI**
7. **Research Guidance** :  
**No. of Papers Published in**
  - **Conferences** :
  - **National Journals** :
  - **Internal Journals** :
8. **Projects Carried out** :
9. **Patents** :
10. **Technology Transfer** :
11. **Research Publications** :
12. **No. of Books Published with details** :



## PROFILE OF KUM J. NAGAMANI

1. **Name** : JAMMULA NAGAMANI
2. Date of Birth : 22-08-1982
3. Educational Qualification : M.C.A.
4. Work Experience : 2
  - Teaching : 2
  - Research :
  - Industry :
  - Others :
5. Areas of Specialization :
6. Subject Teaching at PG Level : OS
7. Research Guidance :  
No. of Papers Published in
  - Conferences :
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



J. Nagamani?

## PROFILE OF SRI Y.SRINIVASULA REDDY

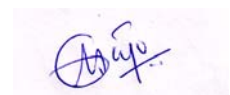
1. **Name** : Y. SRINIVASULA REDDY
2. Date of Birth : 12 – 08 – 1977
3. Educational Qualification : M.Sc(IT)
4. Work Experience : 04
  - Teaching : 04
  - Research : -
  - Industry : -
  - Others : -
5. Areas of Specialization :
6. Subject Teaching at PG Level : IT, DBMS
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



*Y. Srinivasula Reddy*

## PROFILE OF SRI. G. SUDARSAN RAJU

1. **Name** : G. SUDARSAN RAJU
2. Date of Birth : 10 – 07 – 1978
3. Educational Qualification : M.C.A.
4. Work Experience : 02
  - Teaching : 01
  - Research : -
  - Industry : 01
  - Others : -
5. Areas of Specialization : .NET TECHNOLOGIES
6. Subject Teaching at PG Level : DATA MINING
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF SRI P.V.S.N. PRASAD

1. **Name** : P.V.S.N. PRASAD
2. Date of Birth : 11 – 05 – 1983
3. Educational Qualification : M.C.A.
4. Work Experience : 01
  - Teaching : -
  - Research : -
  - Industry : 01
  - Others : -
5. Areas of Specialization : C, C++, SQL, JAVA, VC++
6. Subject Teaching at PG Level :
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF SRI. M. SAMPATH KUMAR

1. **Name** : M. SAMPATH KUMAR
2. Date of Birth : 02 – 07 – 1983
3. Educational Qualification : M.C.A.
4. Work Experience : 01
  - Teaching : -
  - Research : -
  - Industry : 01
  - Others : -
5. Areas of Specialization : C, C++, DS, JAVA
6. Subject Teaching at PG Level :
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



*M. Sampath Kumar*

## PROFILE OF SRI. K. CHANDRA KANTH

1.	<b>Name</b>	:	<b>K. CHANDRA KANTH</b>
2.	Date of Birth	:	<b>04 – 07 – 1984</b>
3.	Educational Qualification	:	<b>M.C.A.</b>
4.	Work Experience	:	<b>01</b>
--	Teaching	:	<b>01</b>
--	Research	:	<b>-</b>
--	Industry	:	<b>-</b>
--	Others	:	<b>-</b>
5.	Areas of Specialization	:	<b>JAVA</b>
6.	Subject Teaching at PG Level	:	<b>C++, DS, JAVA</b>
7.	Research Guidance	:	<b>-</b>
	No. of Papers Published in		
--	Conferences	:	<b>-</b>
--	National Journals	:	<b>-</b>
--	Internal Journals	:	<b>-</b>
8.	Projects Carried out	:	<b>-</b>
9.	Patents	:	<b>-</b>
10.	Technology Transfer	:	<b>-</b>
11.	Research Publications	:	<b>-</b>
12.	No. of Books Published with details	:	<b>-</b>



*Chandra Kanth*

## PROFILE OF SRI. T. KIRAN KUMAR

1. **Name** : T. KIRAN KUMAR
2. Date of Birth : 20 – 06 – 1986
3. Educational Qualification : M.C.A.
4. Work Experience : -NIL-
  - Teaching : -
  - Research : -
  - Industry : -
  - Others : -
5. Areas of Specialization : WEB DESIGNING
6. Subject Teaching at PG Level :
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



T. Kiran Kumar

## PROFILE OF SRI. S. SRINIVASA RAO

1. **Name** : S. SRINIVASA RAO
2. Date of Birth : 22 – 07 – 1973
3. Educational Qualification : M.Sc(IS).
4. Work Experience : 02
  - Teaching : 02
  - Research : -
  - Industry : -
  - Others : -
5. Areas of Specialization : WEB DESIGNING
6. Subject Teaching at PG Level : C,CPP,JAVA,DBMS,WEB
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF SRI. N. SRINIVASA RAO

1. **Name** : N. SRINIVASA RAO
2. Date of Birth : 12 – 05 – 1986
3. Educational Qualification : M.C.A.
4. Work Experience : 01
  - Teaching : 01
  - Research : -
  - Industry : -
  - Others : -
5. Areas of Specialization : WEB DESIGNING, Dot.Net
6. Subject Teaching at PG Level : Dot.Net
7. Research Guidance : -  
No. of Papers Published in
  - Conferences : -
  - National Journals : -
  - Internal Journals : -
8. Projects Carried out : -
9. Patents : -
10. Technology Transfer : -
11. Research Publications : -
12. No. of Books Published with details : -



## PROFILE OF SMT. CH.RAJANI

1. **Name** : **CH.RAJANI**
2. Date of Birth : **16-02-1985**
3. Educational Qualification : **B.Sc(CS), (M.C.A.)**
4. Work Experience : **3**
  - Teaching :
  - Research :
  - Industry :
  - Others : **PROGRAMMER**
5. Areas of Specialization :
6. Subject Teaching at PG Level :
7. Research Guidance :  
No. of Papers Published in
  - Conferences :
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



### PROFILE OF Kum. V. AMBICA


1. **Name** : V.AMBICA
2. Date of Birth : **28-08-1987**
3. Educational Qualification : **B.Sc., D.C.A.**
4. Work Experience : **2**
  - Teaching :
  - Research :
  - Industry :
  - Others : **PROGRAMMER**
5. Areas of Specialization :
6. Subject Teaching at PG Level :
7. Research Guidance :  
No. of Papers Published in :
  - Conferences :
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



*V. Ambica*

## PROFILE OF SRI R.RAJA RAO

1. **Name** : **R. RAJA RAO**
2. Date of Birth : **28-10-1968**
3. Educational Qualification : **Diploma in Electronics & Hardware**
4. Work Experience : **20**
  - Teaching :
  - Research :
  - Industry :
  - Others : **TECHNICAL ASSISTANT**
5. Areas of Specialization :
6. Subject Teaching at PG Level :
7. Research Guidance :  
No. of Papers Published in
  - Conferences :
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



## Faculty of MBA:

### PROFILE OF K.PURUSHOTTAM KAUSHIK

1. **Name** : K.P.KAUSHIK
2. **Date of Birth** : 17-04-1979
3. **Educational Qualification** : **M.B.A(Marketing)**
4. **Work Experience** : **6**
  - Teaching :
  - Research :
  - Industry : **6**
  - Others :
5. **Areas of Specialization** : **MARKETING**
6. **Subject Teaching at PG Level** : **MBA**
7. **Research Guidance** :  
**No. of Papers Published in**
  - Conferences :
  - National Journals :
  - Internal Journals :
8. **Projects Carried out** :
9. **Patents** :
10. **Technology Transfer** :
11. **Research Publications** :
12. **No. of Books Published with details** :



## PROFILE OF B. AMARNATH REDDY

1. **Name** : B. Amarnath Reddy
2. Date of Birth : **13-08-1986**
3. Educational Qualification : **M.B.A (Finance)**
4. Work Experience :
  - Teaching : **1**
  - Research :
  - Industry :
  - Others :
5. Areas of Specialization : **FINANCE & MARKETING**
6. Subject Teaching at PG Level : **Financial Management, portpoliomgt**
7. Research Guidance :  
No. of Papers Published in
  - Conferences : **01**
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



## PROFILE OF S.SIVASANKARA RAO

1. **Name** : S.SIVASANKARA RAO
2. Date of Birth : 21-03-1986
3. Educational Qualification : M.B.A(Marketing& Finance )
4. Work Experience :
  - Teaching : 1
  - Research :
  - Industry :
  - Others :
5. Areas of Specialization : **MARKETING & FINANCE**
6. Subject Teaching at PG Level : **Economics, Accounts**
7. Research Guidance :  
No. of Papers Published in
  - Conferences :
  - National Journals :
  - Internal Journals :
8. Projects Carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books Published with details :



## VIII. Fee

- **Details of fee, as approved by State fee Committee, for the Institution.**

Fee is fixed by the State fee Committee,

Rs 27,300/- per year for the academic year 2009-10

- **Time Schedule for the payment of fee for the entire programme.**

At the time of admission the student should pay whole fee to admitting authority (Convenor, ICET), second and third years the college will collect the prescribed fee in installments semester wise.

- **Number of Scholarship offered by the institute, duration and amount**  
- NIL
- **Criteria for fee waivers/ Scholarship** - NIL
- **Estimated Cost of Boarding and Lodging in Hostels (only for ladies)**

Rs 13000/- pa for Lodging and boarding cost of each girl student

## VIII. ADMISSION

- **No. of seats sanctioned with the year of approval.**

MCA Course:

<b>Year of Approval</b>	<b>No. of Seats Sanctioned</b>
2006-07	60
2007-08	60
2008-09	120
2009-10	120

MBA Course:

<b>Year of Approval</b>	<b>No. of Seats Sanctioned</b>
2009-10	60

- **Number of Students Admitted Under Various Categories Each Year In The Last Three Years**

**MCA Course:**

YEAR	BOYS	GIRLS	BOYS				GIRLS				TOT
			BC	SC	ST	OC	BC	SC	ST	OC	
2003-04	37	23	4	2	-	31	-	1	-	22	60
2004-05	39	21	5	1	-	33	1	2	-	18	60
2005-06	39	21	15	1	-	24	3	1	-	16	60
2006-07	44	16	12	7	-	25	3	-	-	13	60
2007-08	39	21	16	8	2	13	5	-	-	16	60
2008-09	77	43	44	4	0	29	8	2		33	120
2009-10	<b>ADMISSIONS ARE IN PROGRESS</b>										

**MBA Course:**

YEAR	BOYS	GIRLS	BOYS				GIRLS				TOT
			BC	SC	ST	OC	BC	SC	ST	OC	
2009-10	<b>ADMISSIONS ARE IN PROGRESS</b>										

- **Number of applications received during the last two years for admission under Management Quota and Number admitted**

**MCA Course:**

Academic Year	No. of application received	No. of students admitted
2004-05	The Management Quota was surrendered to the ICET Convenor	
2005-06	09	09
2006-07	12	12
2007-08	12	12
2008-09	30	30
2009-10	Admissions are in progress	

**MBA Course:**

Academic Year	No. of application received	No. of students admitted
2009-10	<b>Admissions are in progress</b>	

## X. ADMISSION PROCEDURE

- **Mention the admission test being followed, name and address of the Test Agency and its URL**

The admission is purely on the state level Integrated Common Entrance TEST Rank (ICET) conducted by the state government (APSCHE).www.apicet.nic.in

- **No. of seats allotted to different Test qualified candidates separately [ AIMCET/ CET (state conducted test/university tests)/Association conducted test]**

MCA Course:

State Conducted Test ---70% - 84 seats  
Management seats --- 30% - 36 seats

MBA Course:

State Conducted Test ---70% - 42 seats  
Management seats --- 30% - 18 seats

- **Calendar for admission against management/Vacant seats:**

Last date for request for application	: 30-09-2009
Last date for submission of application	: 30-09-2009
Dates for announcing final result	: 30-09-2009
Release of admission list ( main and waiting list should be announced on the same day)	: 30-09-2009
Date for acceptance by the candidate(time given should in no case be less than 15 days)	: 30-09-2009
Last date for closing of admission	: 30-09-2009
Starting of the Academic session	: 01-10-2009
The waiting list should be activated only on the expiry of date of main list	:
The policy of refund of the fee, in case of withdrawal	: should be clearly notified

## XI. CRITERIA AND WEIGHTAGE FOR ADMISSION

- **Describe each criteria with its respective weight ages i.e Admission Test, Marks in Qualifying examinations etc.,**

The weight age is given to the following order

1. Admission test rank
2. Qualifying Examinations Marks ( Minimum 55%)

- **Mention the minimum level of acceptance, if any**

Minimum 55% of marks in Qualifying Examination

- Mention the cut-off levels of percentage & percentiles scores of the candidates in the admission test for the last three years

Academic year		Cut-off rank in the college
2003-04	:	45725
2004-05	:	46527
2005-06	:	70819
2006-07	:	104329
2007-08	:	99288
2008-09	:	135237
2009-10	:	Admissions are in progress

- Display marks scored in test etc., and in aggregation for all candidates who were admitted.

Academic year		Aggregation
2003-04	:	98.84
2004-05	:	101.57
2005-06	:	90.83
2006-07	:	94.6
2007-08	:	93.06
2008-09	:	94.5

## XII. APPLICATION FORM

## XIII. LIST OF APPLICANTS

Admissions are in progress for the academic year 2009-10

List of candidates who have applied along with the percentage and percentile score for Management Quota seats in the academic year 2008-09.

S.No.	Name of the Applicant	ICET Rank/ Percentage of qualifying exam	Hall ticket Number	Category
1	Anuradha Ammisetty	20965	13070001	OC/L/F
2.	Suresh Kumar Mirapakayala	22699	13040498	OC/L/M
3.	Lavanya Allatipalli	40295	13020390	OC/L/F
4.	Makkapati Swathi	43976	24090223	OC/L/F
5.	Hari Babu Bommisetty	45262	13130046	OC/L/M
6.	Swathi Batchu	46501	13010364	OC/L/F
7.	Kalyani Jammula	56453	28050881	OC/L/F
8.	S.V. Naga Suresh Babu	60236	28180336	OC/L/M
9.	Chennupati Srinivasa Rao	64510	24100763	OC/L/M
10.	Mallika Divvala	67745	13220244	OC/L/F
11.	Lavanya Gangavarapu	68071	13030341	OC/L/F
12.	Mandalapu Himaja	75764	13070531	OC/L/F
13	Srinivas Medarametla	84128	13080049	OC/L/M
14	Yarramreddy Bharathi	87021	13230240	OC/L/F

15	Atla Pavani	89457	13190399	OC/L/F
16	B. Srinivasa Rao Arekatla	90128	13220434	OC/L/M
17	Naga Lakshmi Ambati	93121	13030020	OC/L/F
18	Malladi Prasanthi	94952	24080345	OC/L/F
19	Adusumalli Sudhakar	98743	13060210	OC/L/M
20	Venu Gangavarapu	101639	13030124	OC/L/M
21	Sambasiva Rao Athuluri	103423	13070511	OC/L/M
22	Siva Parvathi Ghanta	113102	13030971	OC/L/F
23	Mahammad Rafi Syed	122514	13170029	OC/L/M
24	Chaganti Madhavi	124966	13030330	OC/L/F
25	Sirisha pathuri	130225	13030649	OC/L/F
26	Swaroop Rani V	131799	13070385	OC/L/F
27	Koteswara Rao P	135237	13010013	OC/L/M
28	Abhuri Govinda Rajulu	64.68%		OC/L/M
29	Bujamma Padala	62.09%		OC/L/F
30	Suresh Babu Sattenapalli	58.96%		BCA/L/M

#### XIV. Results of admission under Management Seats/Vacant Seats.

- **Composition of selection team for admission under management quota with the brief profile of members (This information be made available in the public domain after the admission process is over).**

S.No.	Name of the selection Team Member	Brief Profile
1	Dr. M.Srinivasa Narayana	Director, PNC&KR College of PG Courses, Narasaraopet
2	Dr. M.Sivalinga Prasada Rao	Secretary & Correspondent , SVPNC&KR Educational Society, Narasaraopet
3	Dr.S.V.N.Srinivasu	Professor & Head Dept. Of Computer Science, PNC & KR College of PG Courses, Narasaraopet

- **Score of the individual candidates admitted arranged in order of merit.**

S.No.	Name of the Candidate	ICET Rank/ Percentage of qualifying exam	Hall ticket Number	Category
1	Anuradha Ammisetty	20965	13070001	OC/L/F
2.	Suresh Kumar Mirapakayala	22699	13040498	OC/L/M
3.	Lavanya Allatipalli	40295	13020390	OC/L/F
4.	Makkapati Swathi	43976	24090223	OC/L/F
5.	Hari Babu Bommisetty	45262	13130046	OC/L/M
6.	Swathi Batchu	46501	13010364	OC/L/F
7.	Kalyani Jammula	56453	28050881	OC/L/F
8.	S.V. Naga Suresh Babu	60236	28180336	OC/L/M
9.	Chennupati Srinivasa Rao	64510	24100763	OC/L/M
10.	Mallika Divvala	67745	13220244	OC/L/F
11.	Lavanya Gangavarapu	68071	13030341	OC/L/F
12.	Mandalapu Himaja	75764	13070531	OC/L/F
13	Srinivas Medarametla	84128	13080049	OC/L/M
14	Yarramreddy Bharathi	87021	13230240	OC/L/F
15	Atla Pavani	89457	13190399	OC/L/F

16	B. Srinivasa Rao Arekatla	90128	13220434	OC/L/M
17	Naga Lakshmi Ambati	93121	13030020	OC/L/F
18	Malladi Prasanthi	94952	24080345	OC/L/F
19	Adusumalli Sudhakar	98743	13060210	OC/L/M
20	Venu Gangavarapu	101639	13030124	OC/L/M
21	Sambasiva Rao Athuluri	103423	13070511	OC/L/M
22	Siva Parvathi Ghanta	113102	13030971	OC/L/F
23	Mahammad Rafi Syed	122514	13170029	OC/L/M
24	Chaganti Madhavi	124966	13030330	OC/L/F
25	Sirisha pathuri	130225	13030649	OC/L/F
26	Swaroop Rani V	131799	13070385	OC/L/F
27	Koteswara Rao P	135237	13010013	OC/L/M
28	Abburi Govinda Rajulu	64.68%		OC/L/M
29	Bujamma Padala	62.09%		OC/L/F
30	Suresh Babu Sattenapalli	58.96%		BCA/L/M

- **List of candidates who have been offered admission.**

S.No.	Name of the Candidate	ICET Rank/ Percentage of qualifying exam
1	Anuradha Ammisetty	20965
2	Suresh Kumar Mirapakayala	22699
3	Lavanya Allatipalli	40295
4	Makkapati Swathi	43976
5	Hari Babu Bommisetty	45262
6	Swathi Batchu	46501
7	Kalyani Jammula	56453
8	S.V. Naga Suresh Babu	60236
9	Chennupati Srinivasa Rao	64510
10	Mallika Divvala	67745
11	Lavanya Gangavarapu	68071
12	Mandalapu Himaja	75764
13	Srinivas Medarametla	84128
14	Yarramreddy Bharathi	87021
15	Atla Pavani	89457
16	B. Srinivasa Rao Arekatla	90128
17	Naga Lakshmi Ambati	93121
18	Malladi Prasanthi	94952
19	Adusumalli Sudhakar	98743
20	Venu Gangavarapu	101639
21	Sambasiva Rao Athuluri	103423
22	Siva Parvathi Ghanta	113102
23	Mahammad Rafi Syed	122514
24	Chaganti Madhavi	124966
25	Sirisha pathuri	130225
26	Swaroop Rani V	131799
27	Koteswara Rao P	135237
28	Abburi Govinda Rajulu	64.68%
29	Bujamma Padala	62.09%
30	Suresh Babu Sattenapalli	58.96%

## XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

### LIBRARY:

S.No	Course(s)	Number of titles	Number of volumes	Journals	
				National	International
1	MCA	3300	13400	22	12
2.	MBA	190	1540	6	15

- **List of Online National/Internal Journals Subscribed.**

The following International Journals are subscribed in the IEEE Digital Library

S.No	Title of the International journal
1	IEEE Transactions on Software Engineering
2	IEEE intelligent systems
3	IEEE Transactions on computational biology and Biometrics
4	IEEE Transactions on Networking
5	IEEE Transactions on Knowledge and data engineering
6	IEEE Transactions on Parallel and Distributed Systems
7	IEEE Transactions on Visualization and Computer Graphics
8	IEEE Security and Privacy

- **E- library Facility**

Digital library facility has avail 24 hrs, Equipped 10 systems with Unlimited Internet Connectivity. The Library has the membership in DELNET, New Delhi. Regularly the student accessed the books from DELNET through Internet.

### LABORATORY :

- **COMPUTER LAB –I**

S.No.	Configuration	Qty.
1	DART INTEL PENTIUM III 466MHz, 128 MB 8.4 HDDGB, 15" Color MONITOR TVS KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	45

<b>S.No.</b>	<b>Configuration</b>	<b>Qty.</b>
2	HCL INTEL PENTIUM III 466MHz, 128 MB 8.4 HDDGB, HCL 15" Color MONITOR HCL KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	15
3	LCD Projector with Screen	01
4	OHP With 5x5 Screens	02
5	TVS MSP 245 Printer	02
6	16 Port Hubs	04
7	8 Port Hubs	02
8	8 Port Switch	01
9	15 KVA Stabilizer	01
10	1.5 Ton Air Conditioners	05
11	1 KVA UPS	01
12	Chairs	61
13	Revolving-Chairs	01
14	Staff Tables	02
15	Table	01
16	Water Filter	01

- **COMPUTER LAB –II**

<b>S.No.</b>	<b>Configuration</b>	<b>Qty.</b>
1	HCL DUE CORE INTER 2.8 GHz, 1 GB RAM 160 HDD, 17" LCD Color MONITOR TVS KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	60
2	LCD Projector with Screen	01
3	OHP With 5x5 Screens	02
4	TVS MSP 245 Printer	02
5	16 Port Hubs	04
6	8 Port Hubs	02
7	8 Port Switch	01
8	15 KVA Stabilizer	01
9	1.5 Ton Air Conditioners	05
10	1 KVA UPS	01
11	Chairs	61
12	Revolving-Chairs	01
13	Staff Tables	02
14	Table	01
15	Water Filter	01

- **COMPUTER CENTRE FOR MCA:**

<b>S.No.</b>	<b>Configuration</b>	<b>Qty.</b>
1	HCL INTEL PIV	30

S.No	Configuration	Qty.
.	2.4 G.Hz., 256 MB 40 HDD GB, HCL 15" Color MONITOR HCL KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	
2	DART INTEL PENTIUM III 466MHz, 128 MB 8.4 HDDGB, 15" Color MONITOR TVS KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	03
3	TVS MSP 345 Printer	01
4	16 Port Hubs	02
5	8 Port Hubs	01
6	15 KVA Stabilizer	01
7	1.5 Ton Air Conditioners	04
8	Chairs	35
9	Revolving-Chairs	02
10	Staff Tables	02
11	Table	01

- **COMPUTER CENTRE – FOR MBA**

- 

S.No.	Configuration	Qty.
1	HCL DUE CORE INTER 2.8 GHz, 1 GB RAM 160 HDD, 17" LCD Color MONITOR TVS KEYBOARD, LOGITECH MOUSE ETHERNET CARD, MULTIMEDIA	30
2	LCD Projector with Screen	01
3	OHP With 5x5 Screens	02
4	TVS MSP 245 Printer	02
5	16 Port Hubs	04
6	8 Port Hubs	02
7	8 Port Switch	01
8	15 KVA Stabilizer	01
9	1.5 Ton Air Conditioners	05
10	1 KVA UPS	01
11	Chairs	61
12	Revolving-Chairs	01
13	Staff Tables	02
14	Table	01
15	Water Filter	01

- **Total number of systems connected by LAN & WAN**

183 Systems are in Local area Network (LAN) and WAN with Database, Linux and Windows NT Servers.

- **Internet Bandwidth**

1 mbps Dedicated line with 24 hrs.

- **Major software packages available.**

1. TURBO C
2. TURBO C++
3. COBOL
4. VISUAL BASIC
5. VISUAL FOXPRO
6. VISUAL C++
7. VISUAL  
INTERDEV
8. JAVA
9. ORACLE 8
10. MS OFFICE
11. DEVELOPER  
2000
12. WINDOWS 2000
13. WINDOWS NT
14. LOTUS SMART  
SUITE
15. LOTUS NOTES
16. RED ALERT
17. DOS 6.22

- **Special purpose facilities:**

1.	<b>Games and sports Facilities</b>	:	Multi station Gym, sports material like chess, hand ball, carom boards etc.,
2.	<b>Extra Curriculum Activities</b>	:	Quiz, MNC Model tests, Group discussions, personality development programmes etc.,
3.	<b>Soft skill Development Facilities</b>	:	Communication skills cds, communication skills classes are conducted in each semester
4.	<b>Number of Class rooms and size of each</b>	:	Six with 5.90 X 10.74 Mts. Each room
5.	<b>Number of Tutorial rooms and size</b>	:	Five with 7.70 X 8.0 Mts.
6.	<b>Number of Laboratories and size of each</b>	:	Two with 11.95X 12.10 Mts.
7.	<b>Number of Drawing Halls and size of each</b>	:	NA
8.	<b>Number of Computer Centres with capacity of each</b>	:	Two with 12.41X9.14 Mts.
9.	<b>Central Examination Facility, Number of rooms and capacity of each room</b>	:	Central examination hall of size and 5 rooms of having 40 examination seating capacity

10 .	<b>Teaching Learning process</b>	:	Implemented by the way of Power point presentations are presented through LCD projector, transparency sheets are presented with the help of two over head projectors.
11 .	<b>Mana Tv connection</b>	:	Online Mana TV connection was available for watching the JKC programmes and new IT subjects

- Curricula and syllabi for each of the programmes as approved by the University.

**MCA SEMESTER SYSTEM FORM & COURSES  
(2002-2003 Onwards)**

**FIRST SEMESTER OF MCA/DCA**

SUB CODE	NAME OF THE SUBJECT	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	NO. OF HOURS/ WEEK
MCA/DCA 101	IT Fundamentals	20	80	100	4
MCA/DCA 102	Programming in C & Numerical Methods	20	80	100	4
MCA/DCA 103	Computer Organization	20	80	100	4
MCA 104	Discrete Mathematical Structures	20	80	100	4
DCA 104	Computer Graphics	20	80	100	4
MCA/DCA 105	Accountancy & Financial Management	20	80	100	4
MCA/DCA 106	PC Software Lab	20	80	100	6
MCA/DCA 107	'C' Lab	20	80	100	6
MCA/DCA 108	Seminar	50		50	3
	<b>TOTAL</b>	<b>210</b>	<b>640</b>	<b>750</b>	<b>35</b>

**SECOND SEMESTER OF MCA/DCA**

SUB CODE	NAME OF THE SUBJECT	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	NO. OF HOURS/ WEEK
MCA/DCA 201	Language Processors	20	80	100	4
MCA/DCA 202	Database Management Systems	20	80	100	4
MCA/DCA 203	Data Structures	20	80	100	4
MCA 204	Operating Systems	20	80	100	4
DCA 204	Software Engineering	20	80	100	4
MCA/DCA 205	Probability & Statistics	20	80	100	4
MCA/DCA 206	Data Structures Lab	20	80	100	6
MCA/DCA 207	DBMS Lab	20	80	100	6
MCA/DCA 208	Seminar	50		50	3
	<b>TOTAL</b>	<b>210</b>	<b>640</b>	<b>750</b>	<b>35</b>

**THIRD SEMESTER OF MCA**

<b>SUB CODE</b>	<b>NAME OF THE SUBJECT</b>	<b>INTERNAL MARKS</b>	<b>EXTERNAL MARKS</b>	<b>TOTAL MARKS</b>	<b>NO. OF HOURS/ WEEK</b>
MCA 301	OOPS with C++	20	80	100	4
MCA 302	Computer Networks	20	80	100	4
MCA 303	Computer Based Optimisation Techniques	20	80	100	4
MCA 304	Computer Graphics	20	80	100	4
MCA 305	Artificial Intelligency	20	80	100	4
MCA 306	OOPS Lab	20	80	100	6
MCA 307	Unix & Shell Lab	20	80	100	6
MCA 308	Seminar	50		50	3
	<b>TOTAL</b>	<b>210</b>	<b>640</b>	<b>750</b>	<b>35</b>

**FOURTH SEMESTER OF MCA**

SUB CODE	NAME OF THE SUBJECT	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	NO. OF HOURS/ WEEK
MCA 401	Principles of Programming Language	20	80	100	4
MCA 402	Cryptography & Network Security	20	80	100	4
MCA 403	Principles of Management & Enterprises Resource Planning	20	80	100	4
MCA 404	Software Engineering	20	80	100	4
MCA 405.1	E-Commerce	20	80	100	4
MCA 405.2	Object Oriented Databases				
MCA 405.3	Simulation Modeling				
MCA 406	Web Designing Lab	20	80	100	6
MCA 407	Network & Security Lab	20	80	100	6
MCA 408	Seminar	50		50	3
	TOTAL	<b>210</b>	<b>640</b>	<b>750</b>	<b>35</b>

**Note :** Three Electives are given in MCA 405.

**FIFTH SEMESTER OF MCA**

SUB CODE	NAME OF THE SUBJECT	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	NO. OF HOURS/ WEEK
MCA 501	Data Mining Techniques	20	80	100	4
MCA 502	System Auditing	20	80	100	4
MCA 503	Design & Analysis of Algorithms	20	80	100	4
MCA 504.1	Embedded Systems	20	80	100	4
MCA 504.2	TCP/IP				
MCA 504.3	Client/Server Architecture				
MCA 505.1	Image Processing	20	80	100	4
MCA 505.2	Microprocessor & Interfacing				
MCA 505.3	Advanced Computer Architecture				
MCA 506	Visual Programming Lab	20	80	100	6

MCA 507	System Auditing Lab with Auditing Packages	20	80	100	6
MCA 508	Seminar	50		50	3
	<b>TOTAL</b>	<b>210</b>	<b>640</b>	<b>750</b>	<b>35</b>

**Note :** Three electives are provided in each of MCA 504, MCA 505.

**SIXTH SEMESTER OF MCA**

<b>SUB CODE</b>	<b>NAME OF THE SUBJECT</b>	<b>INTERNAL MARKS</b>	<b>EXTERNAL MARKS</b>	<b>TOTAL MARKS</b>	<b>NO. OF HOURS/ WEEK</b>
MCA 601	Project Work	--	150	150	5 months duration

Total Marks for MCA Course : 3900

Total Marks for PGDCA Course : 1500

## **MCA/DCA 101: IT FUNDAMENTALS**

### **UNIT I:**

1. Introduction: Business And Information Technology
2. Organisation And Information Technology Support

### **UNIT II:**

3. Computer Hardware
4. Computer Software
5. Managing Organisational Data And Informations

### **UNIT III:**

6. Telecommunications And Networks
7. The Internet And Intranets

### **UNIT IV:**

8. Interorganisational And Global Informational Systems
9. Functional And Enterprise Systems
10. Data, Knowledge And Decision Support

### **PRESCRIBED BOOK**

Turban, Ramer & Potter; Introduction To Information Technology, John Wiley (2000) Chapters 1 Through 10 Only

### **REFERENCE BOOKS**

1. Cygamski D & ORR J.A.; IT Inside & Outside, Pearson Education (2002)
2. Hutchison S.E. & Sawyer S.C. ; Computers Communication Information, McGraw Hill(2000)

## **MCA/DCA 102 : PROGRAMMING IN C & NUMERICAL METHODS**

### **UNIT I:**

A Tutorial Introduction: Getting Started-Variables And Arithmetic Expressions – The For Statement – Symbolic Constants – Character Input And Output – Arrays – Functions – Arguments Call By Values – Character Arrays – External Variables And Scope Types, Operators, And Expression: Variable Names – Data Types And Sizes, Constants – Declaration - Arithmetic Operators – Relational And Logical Operators – Type Conversions – Increment And Decrement Operators – Bitwise Operators – Assignment Operators And Expression – Conditional Expression – Precedence And Order Of Evaluation. Control Flow Statements And Blocks – If – Else If – Switch – Loops Functions And Program Structure: Basics Of Functions – Functions Returning And Non – Integers – External Variables – Scope Rules – Header Files – Static Variables –Register Variables – Block Structure – Intialisation – Recursion – The C Preprocessor.

### **UNIT II:**

Pointers and arrays pointer and addresses – pointers and function arguments – pointers and arrays – address arithmetic – character pointers and functions – pointer arrays: pointers to pointer – multi dimensional arrays – initialization of pointer arrays – pointers vs. multidimensional arrays - command line arguments – pointers to functions – complicated declarations. Structures basics of structures – structures and functions – arrays of structures - pointers to structures –

self – referential structures – table lookup – typed of – unions – bit fields. Input and output : standard input and output – formatted output printf – variable length list argument list – formatted input – scanf – file access – error handling stderr and exit – line input and output – miscellaneous functions.

**UNIT III:**

Introduction to numerical computing, computer codes and arithmetic, approximation and errors in computing, roots of non-linear equations, direct solutions of linear equations, iterative solution of linear equations.

**UNIT IV:**

Interpolation, numerical integration, numerical solutions of ordinary differential equations.

**TEXT BOOKS**

1. Brain W Kernighan, Dennis M. Ritchie – The C Programming language, phi. Private limited, 2<sup>nd</sup> edition.
2. E.Balaguruswamy numerical methods. Tata McGraw Hill publishing Co. Ltd.  
UNIT III :Chapters 1, 3, 4, 6 to 8  
UNIT IV :Chapters 9, 12, 13

**REFERENCE BOOKS**

1. J.A.Jones and K.Harrow, C Programming With Problem Solving, Dream Tech. Press
2. Gerald & Whatley; Applied Numerical Analysis (6<sup>th</sup> edition) Pearson Education

**MCA/DCA 103 : COMPUTER ORGANIZATION**

**UNIT I:**

Digital logic circuits: digital compute logic gate, Boolean algebra, maps simplification, combinational circuits, flip flops, sequential circuits  
digital components: integrated circuits, decoders, multiplexers, registers, shift registers, binary counter, memory unit.  
Data representation: divide layer, compliment, fixed point representation, floating point representation, binary codes, error codes.

**UNIT II:**

Register transfers and micro operations: register transfer language, register transfer, bus and memory transfer, arithmetic micro processors, logic micro processors, shift micro processors, arithmetic logic shift unit.  
Basic computer organization and design: internal codes, computer register, computer instructions, tuning and control, instruction cycle, memory reference instructions, input output and interrupt.

**UNIT III:**

Micro programmed control: control memory, address sequencing, micro program example, design of control unit,  
Central processing unit, general register organization, stock organization, instruction formats, addressing modes, data transfer and manipulation, program control.

**UNIT IV:**

Computer arithmetic: addition and subtractions, multiplication algorithms, division algorithms, floating point arithmetic operations, decimal arithmetic unit, decimal arithmetic operations.

Input-output organization: peripheral devices, input output interface, asynchronous data transfer, modes of transfers, priority interrupt.  
Memory organizations : memory hierarchy, main memory, auxiliary memory, associate memory, cache memory.

**TEXT BOOK**

1. M.Morris Mano; Computer System Architecture, 3<sup>rd</sup> Edition, PHI  
(Chapters 1 to 5 & 6 to 12)

**REFERENCE BOOK**

1. John P.Hyes, Computer Architecture and Organization, 2<sup>nd</sup> Edition

**MCA 104 : DISCRETE MATHEMATICAL STRUCTURES**

**UNIT I:**

The foundations: logic sets and functions

The fundamentals: algorithms, the integers and matrices, mathematical reasoning.

**UNIT II:**

Counting (Sections 4.1 to 4.3)

Relations

**UNIT III:**

Graphs

**UNIT IV:**

Trees

Boolean algebra

**TEXT BOOK**

Kenneth H.Rosen, Discrete Mathematics and its Applications, 4<sup>th</sup> Edition

**REFERENCE BOOK**

Kolmen, Busloy and Rose, Discrete mathematical structures, 4<sup>th</sup> Edition, Pearson Education.

**MCA/DCA 105 ACCOUNTING AND FINANCIAL MANAGEMENT**

**UNIT I:**

Cost Accounting

1.1 Accounting concepts

1.2 Double entry system

1.3 Journal-ledger, trial balance, preparation of final accounts (problems)

1.4 Nature of financial statement-preparation of trading-profit and loss accounts-balance sheet of joint stock companies

**UNIT II:**

## Cost Accounting

- 2.1 cost sheet
- 2.2 marginal costing (problems)
- 2.3 budget and budgetary control
- 2.4 standard costing (Problems)

**UNIT III:**

## Financial Management

- 3.1 nature and scope of finance function-goals of financial management-modern concept of finance function.
- 3.2 Nature of financial decisions: concept-major financial decision areas-investment decision-financing decision and dividend decision.
- 3.3 Financial analysis: concept of financial analysis-types of analysis-tables of analysis-ratio analysis-tables of analysis-funds flow and cash flow analysis (Problems)

**UNIT IV:**

## Working capital management

- 4.1 concepts of working capital-importance of working capital-components of working capital-determination of working capital-source of working capital.
- 4.2 Inventory management-accounts of receivable management-cash management
- 4.3 Forecasting of working capital management

**TEXT BOOK**

- 1. K.Rajeswara Rao & G.Prasad, Accounting and finance, jaibharath publishers, 2002 (Chapters 1 to 19)

**REFERENCE BOOK**

- 1. Vanherne & James C, John M.Wachewiez J.R., Fundamentals of Financial management, PHI, 2002
- 2. Horngren, Sundem Blliott, Introduction to financial accounting, pearson education, 2002

## **MCA/DCA 201 : LANGUAGE PROCESSORS**

### **UNIT I:**

1. Language Processors
2. Data Structures For Language Processing.

### **UNIT II:**

3. Scanning And Parsing.
4. Assemblers

### **UNIT III:**

5. Macros And Macro Processors
6. Compilers And Interpreters

### **UNIT IV:**

7. Linkers.
8. Software Tools

### **PRESCRIBED BOOK**

Dhamdhare D.M.:Systems Programming And Operating Systems, 2<sup>nd</sup> Revised Edition, TMH (2000) (Chapter 1 To 8)

### **REFERENCE BOOK**

1. Beck LL : System Software An Introduction To Programming, 3<sup>rd</sup> Edition, Pearson Education, Edisson-Wesley (2000)
2. John J Donovan: System Programming, TMH

## **MCA/DCA 202 : DATABASE MANAGEMENT SYSTEMS**

### **UNIT I:**

1. Database And Database Users.
2. Database System, Concepts And Architecture.
3. Data Modelling Using The Entity-Relationship Model.
4. Record Storage And Primary File Organization.
5. Index Structures For Files.

### **UNIT II:**

6. The Relational Data Model, Relational Constraints And The Relational Algebra
7. SQL- The Relational Database Standard
8. Examples Of Relational Database Management Systems: Oracle

### **UNIT III:**

9. Functional Dependencies And Normalization For Relational Databases.

10. Relational Database Design Algorithms And Further Dependencies.

**UNIT IV:**

11. Transaction Processing Concepts.
12. Concurrency Control Techniques.
13. Database Security and Authorization
14. Distributed Database Concepts

**PRESCRIBED BOOK**

Elmasri & Navathe S: Fundamentals Of Database Systems.

**REFERENCE BOOK**

1. Korth, Silberchatz & Sudarsan , Database System Concepts, MC.Graw Hill
2. C.J.Date, An Introduction To Database Systems. 7<sup>th</sup> Edition, Pearson Education.

## **MCA/DCA 203 : DATA STRUCTURES**

1. Introduction And Overview.
2. Preliminaries
3. String Processing
4. Arrays, Records And Pointers
5. Linked Lists
6. Stacks, Queues And Recursion
7. Trees
8. Sorting And Searching

### **TEXT BOOK:**

Lipschutz S : Theory & Problems Of Data Structures, Schaums Outline Series, Mc. Graw Hill, Chapters 1 To 7, 9 (Chapter 8 Not Included)

### **REFERENCE BOOK:**

1. Aho, Hopcroft & Ulman: Data Structures And Algorithms
2. Weiss M.A.: Data Structures And Algorithms Analysis In C , Edison-Welsey (2001)

## **MCA 204 OPERATING SYSTEMS**

### **UNIT I:**

1. Introduction
2. Computer-System Structures
3. Operating System Structures

### **UNIT II:**

4. Process Management And Processes
5. Cpu Scheduling
6. Process Synchronization
7. Deadlocks

### **UNIT III:**

8. Storage Management
9. Memory Management
10. Virtual Memory

### **UNIT IV:**

11. File System Interface
12. File System Implementation
13. I/O Systems, I/O Systems, Secondary Storage Structure

**PRESCRIBED BOOK:**

Silberchatz & Galvin – Operating System Concepts, 5<sup>th</sup> Edition, Addison-Wesley – 1999.  
(Chapters 1 To 12)

**REFERENCE BOOK:**

1. Andrew S. Tanenbaum – Modern Operating Systems
2. Grawley – Operating System & Design Oriented Approach
3. Dhamdhare – Systems Programming And Operating Systems, 2<sup>nd</sup> Revised Edition Tmh(2000)

**MCA/DCA 205: PROBABILITY & STATISTICS****UNIT I:**

Introduction: probability models, sample space, events, probability axioms, conditional probability, independent of events, Baye's Rule, Bernoulli trails.  
Discrete Random Variables: introduction, random variables and their event spaces. The probability mass functions. Distribution functions, special discrete distribution.

**UNIT II:**

Continuous Random Variables: Introduction, the exponential distribution, the relativity, failure density and hazard function, some important distribution, order statistics.

**UNIT III:**

Exception: introduction, moments, expectations of functions of more than one variable.

**UNIT IV:**

Statistical Inference: introduction, parametric, estimation, hypothesis, testing.  
Regression, correlation and analysis of variance: introduction, least square curve fitting, the coefficient of determination, confidence intervals in linear regression, correlation analysis of variance.

**PRESCRIBED BOOK**

Kishor S.Trivedi: Probability & Statistics With Reliability Queuing And Computer Science Applications (PHI) Chapter 1 (1.2, 1.3,1.4,1.7,1.9,1.10,1.11 and 1.12) ,Chapter 2 (2.1 to 2.5), Chapter 3 (3.1 to 3.4 and 3.7)  
Chapter 4 (4.1 to 4.3), Chapter 5 (5.1, 5.3), Chapter 10 (10.1 to 10.3), Chapter 11(11.1 to 11.3, 11.5 and 11.8)

**MCA 301 : OOPS WITH C++****UNIT I:**

1. Introduction To Computers And C++ Programming
2. Control Structures
3. Functions
4. Arrays

**Unit II:**

5. Pointers And Strings
6. Classes And Data Abstraction
7. Classes Part II

**UNIT III:**

8. Operator Overloading
9. Inheritance
10. Virtual Functions And Polymorphism

**UNIT IV:**

11. C++ Stream Input/Output
12. Templates
13. Exception Handling
14. File Processing

**PRESCRIBED BOOK**

Deitel & Deitel: C++ How To Program, 3<sup>rd</sup> Edition (Pearson) (Chapters 1 to 14)

**REFERENCE BOOK**

1. Tony Gaddis, Starting Out With C++, 3<sup>rd</sup> Edition (Dreamtech Press)
2. E.Balaguruswamy: Object Oriented Programming With C++, 2<sup>nd</sup> Edition, TMH

**MCA 302 COMPUTER NETWORKS**

**UNIT I:**

Introductory Fundamentals:

Uses Of Computer Networks, Network Hardware, Network Software, Reference Models, Example Networks, Examples Of Data Communication Services  
The Physical Layer & Data Link Layer Preliminaries

- a) The Maximum Data Rate Of A Channel. Switching, Packet Switching, Message Switching, Circuit Switching, Virtual Circuits Versus Circuit Switching
- b) The Data Link Layer Design Issues
- c) Sliding Window Protocols

**UNIT II:**

Medium Access Sublayer:

- a) IEEE Standard 802 For LANS And MANS
- b) Bridges
- c) Highspeed LANS

**UNIT III:**

The Network Layer & The Transport Layer

- a) Network Layer Design Issues
- b) Routing Algorithms
- c) Internet Working
- d) Network Layer In The Internet: The I.P. Protocol: I.P. Addresses, Subnets, Internet Control Protocols
- e) The Transport Service
- f) The Internet Transport Protocol (TCP & UDP)

**UNIT IV:**

The Application Layer

- a) Dns-Domain Name System
- b) Snmp-Simple Network Management Protocol
- c) Electronic Mail
- d) World Wide Web
- e) Multimedia, Audio, Video

**PRESCRIBED BOOK**

Tanenbaum A.S.: Computer Networks (3<sup>rd</sup> Edition EEE, PHI, 1998)

Chapter1: 1.1 to 1.6; Chapter2: 2.1.3, 2.4.5, 2.6.1; Chapter3: 3.1, 3.4; Chapter4: 4.3, 4.4, 4.5; Chapter5: 5.1, 5.2, 5.4, 5.5.1 to 5.5.5; Chapter6: 6.1, 6.4; Chapter7:7.2 to 7.4, 7.6, 7.7.1,7.7.2.

**REFERENCE BOOK**

Behrouz A.Forouzen: Data Communication and Networking TMH - 2000

**MCA 303: COMPUTER BASED OPTIMIZATION TECHNIQUES**

**UNIT I:**

Introduction to linear programming, the linear programming model, assumptions of linear programming, additional examples.

Solving LPPS, the simplex method, the essentials of the simplex method, setting up the simplex method, the algebra of the simplex method, the simplex method in tabular form, the braking in the simplex method, adopting to other model forms, the interior point approach to solving LPPs.

Other algorithms fir linear programming, the dual simplex method, parametric linear programming, the upper bound techniques, an interior-point algorithm, the transportation and assignment problems, the transpositions problem, a streamlined simplex method for the transportation problem, the assignment problem.

**UNIT II:**

Network Optimization Models: The Shortest Path Problem, The Minimum Spanning Tree Problem, The Maximum Flow Problem, The Minimum Cost Flow Problem.

Project Management With PERT/CPM: Scheduling A Project With PERT/CPM, Dealing With Uncertain Activity Durations, Considering Time Cost Trade-Offs.

Dynamic Programming: Characteristics Of Dynamic Programming Problems, Deterministic Dynamic Programming, Probabilistic Dynamic Programming.

**UNIT III:**

Game theory: the formulation of two-person, zero-sum games, solving simple games, games with mixed strategies, graphical solution procedures, solving by LF.

Queueing theory: basic structures of queueing models, the role of exponential distribution, the birth-and-death process queueing models based on the birth and death process.

**UNIT IV:**

Inventory theory, components of inventory models, deterministic continuous-review models, a deterministic periodic, review model, a stochastic continuous review model.

Forecasting: time series, forecasting methods for a constant level model.

Simulation: generation of random numbers, generation of random observation from a probability distribution, various adjusting techniques.

TEXT BOOK

Hellier & liberman , introduction to operations research (7<sup>th</sup> edition) Tata MC Graw Hill

(chapter3: 3.2,3.3,3.4 , chapter 4:4.1 to 4.6,4.9; chapter7:7.1 to 7.4; chapter 8:8.1 to 8.3; chapte9: 9.3 to 9.6; chapter10:10.3 to 10.5; chapter11:11.2 to 11.4; chapter 14:14.1 to 14.5; chapter 17:17.2,17.4 to 17.8; chapter 19:19.2 to 19.5; chapter 20:20.3,20.; chapter 22:22.3,22.4,22.7)

**REFERENCE BOOK:**

1. Ravindran & philips: Operational Reasearch principles & practice (2<sup>nd</sup> edition) john wiley & sons
2. Panneereelvin: Operations Research, PHI

### **MCA 304 : COMPUTER GRAPHICS**

#### **UNIT I:**

Introduction, Video Display Devices, Raster Scan System, Random-Scan System, Graphics Monitors & Work Stations, Input Devices, Hardcopy Devices, Three Dimensional Viewing Devices, Graphical User Interfaces And Interactive Input Methods.

#### **UNIT II:**

Line-Drawing Algorithms - DDA, Bresenham's Line, Circle And Ellipse Generating Algorithms, Character Generation, Two Dimensional Geometric Transformations, Computer Animation.

#### **UNIT III:**

Attributes Of Output Primitives - Line, Curve, Area - Fill, Character And Bundled Attributes, Anatialiasing, Two-Dimensional Viewing.

#### **UNIT IV:**

Three-Dimensional Concepts; Three Dimensional Object Representations - Polygon Surfaces, Curved Lines And Surfaces, Quadric Surfaces, Three Dimensional Geometric And Modeling Transformations, Three-Dimensional Viewing - Viewing Coordinates, Projections, Transformations, Clipping.

**PRESCRIBED BOOK**

COMPUPTER GRAPHICS - "Donald Hearn and M.Paulin Baker",PHI - 2nd Edition, 1998.

**REFERENCE BOOK**

Computer Graphics Principles & Practices - "Foley, Vandam, Feiner, Hughes", Addison Wesley.

### **MCA 305 : ARTIFICIAL INTELLIGENCE**

#### **UNIT I:**

→ What Is Artificial Intelligence

- Problems, Problem Spaces & Search
- Heuristic Search Techniques

### **UNIT II:**

- Knowledge Representation
- Using Predicate Logic
- Representing Knowledge Using Rules

### **UNIT III:**

- symbolic reasoning
- weak slot and filler structures
- planning

### **UNIT IV:**

- Natural Language Processing
- Common Sense
- Expert Systems

#### PRESCRIBED BOOK

Knight K :Artificial Intelligence TMH (1991)

Chapters : 1 through 7, 9, 13, 15, 10 and 20

#### REFERENCE BOOK

Winston P.H: Artificial Intelligence, Addison Wesley (1993)

## **MCA 401: PRINCIPLES OF PROGRAMMING LANGUAGES**

### **UNIT I:**

Language Design Issues  
Elementary Data Types

### **UNIT II:**

Encapsulation  
Inheritance

**UNIT III:**

Sequence Control  
Subprogram Control

**UNIT IV:**

Storage Management  
Distributed Processing

**PRESCRIBED BOOK:**

Torrence W.Pratt & Nervin V. Zelkowitz, Programming Languages Design And Implementation, PHI Publication (3rd Edition) (Chpters 1 Through )

**REFERENCE BOOK:**

1. Doris Appleby & Julis J. Vandetopple, Programming Language Paradigm And Practice
2. Rusell & Norvig: Artificial Intelligence - A Modern Approach, Pearson Education (2001)

**MCA 402 : CRYPTOGRAPHY AND NETWORK SECURITY**

**UNIT I:**

Introduction: Conventional Encryption - Classical Technoligies, Modern Echniques, Confidentiality Using Convenrional Encryption.

**UNIT II:**

Public Key Cryptography, Introduction To Number Theory, Message Authentication And Hash Functions; Digital Signatures And Authentication Protocol.

**UNIT III:**

Authentication Applications, Eletronic Mail Security, IP Security, Web Security

**UNIT IV:**

Letrnders, Viruses And Worms, Fire Walls

**TEXT BOOK:**

Stallings W - Cryptography & Network Security Principles And Practices (2nd Edition) PHL.

**MCA 403: PRINCIPLES OF MANAGEMENT AND ENTERPRISES RESOURCE PLANNING (ERP)**

**UNIT I:**

Introduction

- 1.1 Nature And Significance Of Management
- 1.2 Principles Of Management & Evoluation Management
- 1.3 Functions Of Management And Coordination

**UNIT II:**

## Human Resource Management

- 2.1 Nature And Functions Of HRM
- 2.2 The Changing Environment Of HRM In Global Scenario
- 2.3 Recruitment, Placement, Training And Development
- 2.4 Appraising Performance

### **UNIT III:**

#### Marketing Management

- 3.1 Nature And Functions Of Marketing
- 3.2 Marketing Management-Product Planning & Development-Pricing-Branding-And Packing-Salesmanship- Sales Forecasting -Sales Promotion.
- 3.3 Advertising-Consumer Behaviour-Marketing Research & Information Channels Distribution
- 3.4 Marketing Control

### **UNIT IV:**

#### Enterprise Resource Planning

- 4.1 Introduction To ERP & Benefits Of ERP
- 4.2 ERP & Related Technologies
- 4.3 ERP - A Manufacturing Perspective
- 4.4 ERP Modules & Market
- 4.5 ERP Implementation Lifecycle
- 4.6 Vendors, Consultants And Users
- 4.7 ERP Case Studies

### **TEXT BOOK**

1. Chandras Boss D: Principles Of Management And Administration, PHI, 2002 (Chapters 1 To 22 And 27 To 35, 38,39, 40, 41, 42 & 45)
2. Alexis Leon: PHI, 1999 (Chapters 1 To 9 &11)

### **REFERENCE BOOK:**

1. Gary Deseler: Human Resource Management, 8th Edition, Pearson Education, 2002
2. Phillip Kotler: Principles Of Marketing, PHI, 2001

## **MCA 404: SOFTWARE ENGINEERING**

### **Unit I:**

#### **The Product**

The Process

### **Unit II:**

#### **Project Management Concepts**

Software Process And Project Matrices

Software Project Planning  
Software Quality Assurance

**Unit III:**

**Design Concepts And Principles**

Software Testing Techniques  
Object Oriented Concepts & Principles  
Object Oriented Analysis

**Unit IV:**

**Technical Matrices For Object Oriented Systems**

Formal Methods  
Cleanroom Software Engineering  
Web Engineering

**Text Book:**

Pressmen R.S.: Software Engineering, 5<sup>th</sup> Edition (2001) (Chapters 1 To 5, 8, 13, 17, 20, 21, 24, 25, 26 & 29)

**Reference Book:**

1. Soomervide: Software Engineering, 6<sup>th</sup> Edition, Pearson Education
2. Peters & Fedryez W: Software Engineering, Wiley (2000)

**MCA 405.1: E-COMMERCE**

**UNIT I:**

1. E-Commerce Environment And Opportunity
2. Modes Of Electronic Commerce
3. Approaches To Safe Electronic Commerce
4. Electronic Case And Electronic Payment Schemes

**UNIT II:**

5. E-Commerce Changes
  - 5.1 Go Online Or Go Out Of Business
  - 5.2 E-Commerce In Action: Reality And Myth
  - 5.3 The E-Commerce Obstacle Course
  - 5.4 Measuring Success

**UNIT III:**

6. E-Commerce Business Solutions
  - 6.1 E-Commerce Building Blocks
  - 6.2 E-Commerce Site Essentials

- 6.3 E-Commerce Best Practices
- 6.4 Brand Management Strategies

**UNIT IV:**

- 7. Total E-Commerce Solutions
- 8. MS E-Commerce Strategies
- 9. MS E-Commerce Platform
- 10. Web Forms
- 11. Partnering

**PRESCRIBED BOOK:**

- 1. Minoli D & Minoli E: Web Commerce Technology Hand Book TMH (2001) (Chapters 1 To 4 Are Prescribed In Unit I)
- 2. Trepper C : E-Commerce Strategies, PHI(2001) (All Chapters Are Prescribed In Unit II, Unit III & Unit IV)

**REFERENCE BOOK:**

Matthew Reynolds : E-Copmmerce, SFD, Mumbai (2000)

**MCA 405.2 OBJECT-ORIENTED DATABASES (OODB)**

**UNIT I:**

Object-Oriented Paradigm  
Object-Oriented Methodologies  
Relational Databases And OODBMS  
The Goals Of OODBMS

**UNIT II:**

**The OODB Features**

Persistence  
Object Identity

**UNIT III:**

**OODB Architecture**

**Object Store**

Objectivity/DB  
Versant

**UNIT IV:**

**Evaluation Of Oodbmss**

Evaluation Of Oodbmss: The Important Crieteria

PRESCRIBED BOOK

Bindu R.Rao, Object-Oriented Databases, Technology, Applications And Products, Mcgraw Hill International Editions. Chapters

REFERENCE BOOK

1. Setrag Khosnaafiam – Object Oriented Data Bases John Wesley & Sonc Inc.
2. KIM-Object Oriented Databases MIT Press

**MCA 405.3: SIMULATION AND MODELLING**

**UNIT I:**

**Introduction To Simulation**

Simulation Software  
Simulation In C++  
Simulation In GPSS  
Simulation In CSIM  
Random Numbers

**UNIT II:**

**Random Variate Generation**

Input Modelling

**UNIT III:**

**Verification And Validation Of Simulation Models**

Output Analysis For A Single Model

**UNIT IV:**

**Comparison And Evaluation Of Alternative System Designs**

Simulation Of Computer Systems

TEXT BOOK

1. Jerry Banks, John S.Carson And Berry L. Nelson & David M. Nicol : Discrete Event System Simulation, 3<sup>rd</sup> Edition, Pearson Educations (Chapters 1,4, 4.4, 4.6, 7 To 12 And 14)

REFERENCE BOOK

1. Law: Simulatiion Modelling & Analysis, 3<sup>rd</sup> Edition, TMH

**MCA 501: DATA MINING TECHNIQUES**

**UNIT I:**

Introduction  
Data Warehousing  
Data Mining

**UNIT II:**

Association Rules  
Other Techniques

**UNIT III:**

Decision Trees  
Other techniques

**UNIT IV:**

Web Mining  
Temporal And Spatial Data Mining

**TEXT BOOK:**

A.K.Pujari, Data Mining Techniques, University Press

**REFERENCE BOOK:**

Ralph Kimball. Laura Reeves, Margy Ross & Warren Thornthwaite; Data Warehouse Life Cycle Toolkit, Wiley Computer Publications.

**MCA 502: SYSTEMS AUDITING**

**UNIT I:**

- INTRODUCTION
  - 1. Overview Of Information Systems Auditing
  - 2. Conduction An Information Systems Auditing
- THE MANAFEMENT CONTROL FRAMEWORK
  - 3. Top Management Controls
  - 4. System Development Management Concepts
  - 5. Programming Management Controls
  - 6. Data Resources Management Controls
  - 7. Security Management Controls
  - 8. Operations Management Controls
  - 9. Quality Assurance Management Control

## **UNIT II:**

- THE APPLICATION CONTROL FRAMEWORK
  - 10. boundary controls
  - 11. input controls
  - 12. cooperation controls
  - 13. processing controls
  - 14. database controls
  - 15. output controls

## **UNIT III:**

- EVIDENCE COLLECTION
  - 16. Audit Software
  - 17. Code Review, Test Data And Code Comparison
  - 18. Concurrent Auditing Techniques
  - 19. Interviews, Questioners And Control Flowcharts
  - 20. Performance Messaging Tools

## **UNIT IV:**

- EVIDENCE EVALUATION
  - 21. evaluating asset sage guarding and data integrity
  - 22. evaluating systems effectiveness
  - 23. evaluating system efficiency

## TEXT BOOK

Weber R: Information Systems Control and Audit, Pearson Education (Chapters 1 through 23)

## **MCA 503 : DESIGN AND ANALYSIS OF COMPUTER ALGORITHMS**

### **UNIT I:**

1. Models Of Computations
2. Design Of Efficient Algorithms

### **UNIT II:**

3. Sorting And Order Statistics
4. Data Structures For Set Multiplication Problems

**UNIT III:**

5. Algorithms On Graphs
6. Matrix Multiplication And Related Operations

**UNIT IV:**

7. The Fast Fourier Transform And Its Application
8. Integer And Polynomial Arithmetic

**PRESCRIBED BOOK**

Aho, Hopcroft; Ullman, The Design And Analysis Of Computer Algorithms (Pearson) (Chapters 1 Through )

**REFERENCE BOOK**

Micheel T. Goodrich, Roberto Tamassia, Algorithm Design (Wiley)

**MCA 504.1 : EMBEDDED SYSTEMS**

**UNIT I:**

Introduction

Custom Single-Purpose Processors:Hardware

**UNIT II:**

General-Purpose Process Software

Standard Single Purpose Processors : Peripherals

**UNIT III:**

Memory

Interfacing

**UNIT IV:**

Digital camera example

State machine and control process models

**PRESCRIBED BOOK**

Vahid F & Givargis T: Embedded Systems Design, John Wiley (2002)

**MCA 504.2 TCP/IP**

**UNIT I:**

→ Introduction To TCP/IP

→ The OSI Model And The TCP/IP Protocol Suits

→ Underlying Technologies

- IP Addressing
- Subnetting And Supernetting
- Internet Protocol (IP)

#### **UNIT II:**

- ARP And RARP
- Internet Control Message Protocol (ICMP)
- Internet Group Management Protocol (IGMP)
- User Datagram Protocol (UDP)
- Transmission Control Protocol (TCP)

#### **UNIT III:**

- Routing Protocols (RIP,OSPR And BGP)
- Application Layer And Client-Server Model
- BOOTP And DHCP
- Domain Name System (DNS)
- Telnet And Rlogin

#### **UNIT IV:**

- File Transfer Protocol (FTP)
- Trivial File Transfer Protocol (TFTP)
- Simple Mail Transfer Protocol (SMTP)
- Simple Network Management Protocol (SNMP)
- Hyper Text Transfer Protocol (HTTP)

#### **PRESCRIBED BOOK**

**FOROUZN B.A.; TCP/IP Protocol suite ; TMH (2000) Chapters 1 to 22**

#### **REFERENCE BOOK**

1. Comer D.E., Internetworking with TCP/IP principles, protocols and architectures: VOL-I 4<sup>th</sup> Edition, Pearson Education Asia (2001)
2. Crowcraft J; TCP/IP and Linux Protocol Implementation Wiley (2001)

### **MCA 504.3 CLIENT SERVER ARCHITECTURE**

#### **UNIT I:**

1. The big picture
2. Clients, servers and operating systems

#### **UNIT II:**

3. Base middle ware: stacks and nose
4. SQL database server

**UNIT III:**

5. Client/server transaction processing
6. Client/server groupwear

**UNIT IV:**

7. Client/server with distributed objects

**PRESCRIBED BOOK**

Robert Orfali, Don Harkey, Jery Edwards, Client/ Server Survival Guide, Wiley (3<sup>rd</sup> Edition)

**REFERENCE BOOK**

Robert Orfali, Dan Harkey, Client/Server Programming with Java and Corba, SPD (2<sup>nd</sup> Edition)

**MCA 505.1 IMAGE PROCESSING**

**UNIT I:**

Introduction, Image Shape, Human Vision System, Image Acquisition – Intensity Images, Real Time Capture, Colour Images, Video Camera, Capture, Analogue To Digital Conversion, Scanners, Character Recognitions Devices, Satellite Imaginary, Ranging Devices, Calibration, Image Presentation-Raster Screen, Printers (Matrix, Laser, Ink-Jet, Wax Thermal),Patterns, Dithering, Three-Dimensional Image.

**UNIT II:**

Statistical Operations-Introduction, Gray-Level Transformations, Histogram Equalization, Multi-Image Operations, Spatial Operations And Transformations-Introduction, Spatial Dependent Transformations, Templates And Convolution, Edge Detection, Other Window Operations, Two-Dimensional Geometric Transformations, Segmentation And Edge Detection-Introduction, Region Operations, Basic Edge Detection, Second-Order Edge Detection, Pyramid Edge Detection, Crack Edge Relaxation.

**UNIT III:**

Morphological And Other Area Operations-Introduction, Basic Morphological Operations, Opening And Closing Operations, Finding Basic Shapes-Combining Edges, Hough Transforms, Bresenham's Algorithms; Labeling Lines And Regions-Flat Surface And Straight Line Labeling, Dealing With Curves, Labeling Regions.

**UNIT IV:**

Frequency Domain-Introduction, Hartley Transform, Fourier Transform, Optical Transformation, Power And Autocorrelation Functions; Image Compression-Introduction, Types And Requirements, Statistical Compression, Spatial Compression, Contour Coding, Quantizing Compression , Real-Time Image Transmission, Quadrees; Texture-Introduction, Identifying Textures, Texture Gradient, Texture Segmentation.

**TEXT BOOK**

Introductory Computer Vision And Image Processing – Adrian Low; MC Graw Hill International Editions

## REFERENCE BOOK

Digital Image Processing – Gojelez – Addison Wesley.

### **MCA 505.2 MICROPROCESSOR AND INTERFACING**

#### **UNIT I:**

History & Characteristics Of Microprocessors, Architecture Of 8085, Organization Of 8086, Segment Memory Organization, Pin Configuration Of 8086 And 8088, Operation Of 8086 In Minimum And Maximum Mode.

#### **UNIT II:**

Addressing Modes, Types Of Instructions, Programming, Assembler Directives, Parameter Passing, Recursive Procedures, Read And Write Cycles Of Instructions.

#### **UNIT III:**

Programmed I/O, interrupted I/O, DMA, parallel I/O (8255), Serial I/O (8251/8250), RS 232 standards, 8259, 8237,8254, USART pin configurations and organization.

#### **UNIT IV:**

IBM-PC architecture, BIOS calls, H/W debugging, FDD controller, HDD controller, graphics adopter.

## PRESCRIBED BOOK

1. 8085 MICROPROCESSOR – Goankar, 3<sup>rd</sup> Edition, Penarm Internations (Chapter 1, 3 to 10, 14 to 16)
2. 8086 Microprocessor – Gibbson

## REFERENCE BOOK

1. Interfacing microprocessor – Barry B.Brey, PHI.

### **MCA 505.1 ADVANCE COMPUTER ARCHITECTURE**

#### **UNIT I:**

Introduction To Parallel Processing-Multiprogramming Time Sharing, Multiprocessing, Multi Computers, Classification Of Computers, Performance Measures, Parallelism In Uniprocessing Systems.

#### **UNIT II:**

Pipeline Concept, Linear Pipeline, Space Time Diagram Classification Of Pipeline Processors, Construction Pipeline, Arithmetic Pipeline, Instruction Prefetch, Branch Handling, Data Buffering, Internal Forwarding And Register Tagging, Hazard Detection And Resolution, Collision Prevention, Characteristic Of Vector Processing, Pipelined Vector Processing.

#### **UNIT III:**

Array Processors-SIMD Processors, Parallel Algorithms For Array Processing And Masking And Routing Mechanisms, SIMD Inter Connection Networks-Omega, Butterfly, Mesh And Lillac.

**UNIT IV:**

Multiprocessor Architecture-Loosely Coupled And Tightly Coupled Multiprocessor Systems. Inter Connection Networks-Cross Bar Switch, Bayan And Delta Networks, Parallel Memory Organization, Multiprocessor Scheduling Strategies, And Parallel Algorithms.

**PRESCRIBED BOOK**

Advanced Computer Architecture – Kal Hwang MC. Graw Hill Inc. (Chapters 1,3, 6, 7, 8)

**REFERENCE BOOK**

1. Advanced Computer Architecture – Kal Hwang & Fays A.Brings, MC Graw Hill Inc.
2. Computer Organization – Heys, Mc Graw Hill Inc.

- **Academic Calendar of the University**  
2008-2009 University Calendar

1.	Reopening of the university college/ANUPG Centres and affiliated colleges and commencement of classes for 3 <sup>rd</sup> and 5 <sup>th</sup> semester students(where present)	29-06-2009
2.	Commencement of classes for 1 <sup>st</sup> semester PG students except MBA, MCA and PGDCA	09-07-2009
3.	Commencement of the class of 1st semester students of MCA, MBA and L.L.B	21-08-2009
4.	Closure of admission for various courses	To be decided later
5.	DASARA Break	26-09-2009 to 30-9-2009
6.	Last date for submission of master list of newly admitted 1 <sup>st</sup> semester students of 2007-08 as per the proforma prescribed by the university	Within one month from the last date of admissions
7.	Date for payment of examination fee and submission of examination application for all the students of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters (where present)	22-10-2009 and with late fee 30-10-2009
8.	Closure of instruction and last date for submission of galleys for 3 <sup>rd</sup> and 5 <sup>th</sup> semesters	04-11-2009
9.	Last date for payment of fees and submission of examination applications for 1 <sup>st</sup> semester students	02-11-2009 and with late fee 10-11-2009
10.	Closure of instruction and last date for submission	17-11-2009

	of galleys for 1 <sup>st</sup> semester students	
11.	Commencement of 3 <sup>rd</sup> semester PG examinations and 5 <sup>th</sup> semester MCA examinations	15-11-2009
12.	Commencement of 1 <sup>st</sup> semester PG examinations	10-12-2009
13.	Practical examinations for 1 <sup>st</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> semester students (wherever applicable)	Before commencement for PG theory exams as far as possible
14.	Commencement of class for 4 <sup>th</sup> and 6 <sup>th</sup> semester students	29-11-2009
15.	Commencement of classes for 2 <sup>nd</sup> semester students	05-12-2009
16.	Christmas Break & PONGAL Break	24-12-2009 to 16-01-2010 (including both dates)
17.	Payment of examination fee and submission of application forms for 2 <sup>nd</sup> and 4 <sup>th</sup> semester students	18-03-2010 and with late fee 25-03-2010
19.	Closure of instruction and last date for submission of galleys for 4 <sup>th</sup> and 6 <sup>th</sup> semester students	30-03-2010
20.	Closure of instruction and last date for submission of galleys for 2 <sup>nd</sup> semester students	04-04-2010
21.	Completion of PG practical examinations for 2 <sup>nd</sup> , 4 <sup>th</sup> and 6 <sup>th</sup> semester students	Before the commencement of theory exams as far as possible
22.	Commencement of 4 <sup>th</sup> semester examinations	06-04-2010
23.	Commencement of 2 <sup>nd</sup> semester examinations	13-04-2010
24.	Commencement of supplementary (non-semester) examinations	13-04-2010 ( Previous and final exams alternative days)
25.	Summer vacations starts from	01-05-2010
26.	Reopening of the university college/PG centers/ Affiliated colleges having PG courses for the academic year 2006-07	29-06-2010
27.	Examination timings	11.30 a.m. to 2.30 p.m.

• Academic Time Table

PNC & KR COLLEGE OF PG COURSES :: NARASARAOPET

MCA TIME TABLE 2009-10 (Jun - Dec)

	CLASS	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
M O N	V MCA	JAVA/KCK	SA-SVNS	IP-KSR	GD/ MN	<b>LUNCH</b>	DAA-CJR	DM-SR	TCP-MN	Library
	III MCA – A	NET/KKK	UNIX LAB-TKK				OOP-VVAS	OR –SSRK	AI-DHK	Library
	III MCA – B	C++/YSR	UNIX LAB-KKK				OOP-PVL	OR – JN	AI-KCK	Library
	I MCA-A	IT/PSR	AFM-YSR	IT-PR	C-SM		IT LAB –PVL			Library
	I MCA-B	HW/BRK	AFM-DK	IT-SSR	C-VVAS		IT LAB –DHK			Library
T U E	V MCA	JAVA/KCK	SA-SVNS	DAA-CJR	DM-SR		SEM-BRK			Library
	III MCA – A	NET/KKK	UNIX LAB-TKK				SEM- DK			Library
	III MCA – B	C++/YSR	UNIX LAB-KKK				SEM-MN			Library
	I MCA-A	HW/BRK	DMS-SSRK		AFM-YSR		IT LAB –PVL			Library
	I MCA-B	IT/PSR	DMS-KK		AFM-DK		IT LAB –DHK			Library
W E D	V MCA	.NET/DHK	SA-SVNS	DM/SR	TCP-MN		VC++/VB LAB –KCK			Library
	III MCA – A	C++/VVAS	AI-DHK	CN-BRK	OOP-VVAS		CG-PSR	GD-SSRK	SEM-CJR	Library
	III MCA – B	NET/SR	AI –KCK	CN-MN	OOP-PVL		CG – KKK	GD-SM	SEM-KSR	Library
	I MCA-A	NET/PR	C LAB-JNM				CO-CJR	AFM-KYSR	DMS-SSRK	Library
	I MCA-B	C/PVL	C LAB-YSR				AFM-DK	CO-KSR	DMS-KK	Library
T H U	V MCA	.NET/DHK	TCP-MN	DM-SR	SA-SVNS		VC++/VB LAB –KCK			Library
	III MCA – A	C++/VVAS	OOP-VVAS	CG-PSR	CN-BRK		AI-DHK	CN-BRK	OR-SSRK	Library
	III MCA – B	NET/SR	OOP-PVL	CG-KKK	CN-MN		AI-KCK	CN-MN	OR-JNM	Library
	I MCA-A	NET/PR	C LAB-JNM				CO-CJR	C-SM	SEM-JN	Library
	I MCA-B	C/SM	C LAB-YSR				CO-KSR	C-VVAS	SEM-PR	Library
F R I	V MCA	NET/PR	ST LAB- SSR			DAA-CJR	TCP-MN	IP-KSR	Library	
	III MCA – A	UNIX/BRK	OOP-VVAS	CG-PSR	OR-SSRK	OOPS LAB-SR			Library	
	III MCA – B	UNIX/TKK	OOP-PVL	CG-KKK	OR-JN	OOPS LAB-PSR			Library	
	I MCA-A	C/SM	CO-CJR	IT-PS	SEM-SSR	SEM/ SSR	C-SM	DMS-SSRK	Library	
	I MCA-B	NETJN	CO/KSR	IT-SSR	SEM-DK	SEM/DK	C-VVAS	DMS-KK	Library	
S A T	V MCA	NET/PR	ST LAB- SSR			DAA-CJR	IP-KSR	IP-KSR	Library	
	III MCA – A	UNIX/BRK	AI/DHK	CN-BRK	CG-PSR	OOPS LAB-SR			Library	
	III MCA – B	UNIX/TKK	AI/KCK	CN-MN	CG-KKK	OOPS LAB-PSR			Library	
	I MCA-A	C/PVL	CO-CJR	IT-PR	C-SM	SEM / CJR	AFM-YSR	IT-PR	Library	
	I MCA-B	NET/SSRK	CO-KSR	IT-SSR	C-VVAS	SEM /KSR	AFM-DK	IT-SSR	Library	

**PNC & KR COLLEGE OF PG COURSES :: NARASARAOPET**  
**MCA TIME TABLE 2009-10 (DEC-APR)**

Week	CLASS	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	<b>LUNCH</b>	2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
MON	IV MCA – A	WEB/	WEB LAB-SM				PPL-VVAS	ERP – SSRK	OODB-DHK	Library
	IV MCA – B	CNS/SR	WEB LAB-PSR				PPL-PVL	ERP – JN	OODB-KCK	Library
	II MCA-A	DS/PSR	PS-YSR	LP-PR	DBMS-SR		DS LAB –PVL			Library
	II MCA-B	DS/SSR	PS-DK	LP-SSR	DMBS-VVAS		DS LAB –DHK			Library
TUE	IV MCA – A	WEB/	WEB LAB-SM				SEM- VVAS			Library
	IV MCA – B	CNS/YSR	WEB LAB-PSR				SEM-MN			Library
	II MCA-A	DS/SSR	OS-SSRK		PS-YSR		DS LAB –PVL			Library
	II MCA-B	DS/PSR	OS-KK		PS-DK		DS LAB –DHK			Library
WED	IV MCA – A	CNS/YSR	OODB-DHK	CNS-BRK	PPL-VVAS		SE-PSR	GD-SVNS	OODB/DHK	Library
	IV MCA – B	NET/	OODB-KCK	CNS-MN	PPL-PVL		SE – KKK	GD-SVNS	OODB/KCK	Library
	II MCA-A	NET/	DBMS LAB-JNM				DS-CJR	PS-KYSR	OS-SSRK	Library
	II MCA-B	C/PVL	DBMS LAB-YSR				PS-DK	DS-KSR	OS-KK	Library
THU	IV MCA – A	CNS/SR	PPL-VVAS	SE-PSR	CNS-BRK		OODB-DHK	CNS-BRK	ERP-SSRK	Library
	IV MCA – B	NET/	PPL-PVL	SE-KKK	CNS-MN		OODB-KCK	CNS-MN	ERP-JNM	Library
	II MCA-A	NET/	DBMS LAB-JNM				DS-CJR	DBMS-SR	SEM-JN	Library
	II MCA-B	C/SM	DBMS LAB-YSR				DS-KSR	DBMS-VVAS	SEM-PR	Library
FRI	IVMCA – A	NET/BRK	PPL-VVAS	SE-PSR	ERP-SSRK		CNS LAB-SR			Library
	IV MCA – B	CNS/TKK	PPL-PVL	SE-KKK	ERP-JN		CNS LAB-TKK			Library
	II MCA-A	C/SM	DS-CJR	LP-PS	SEM-SSR		SEM/ SSR	DBMS-SR	OS-SSRK	Library
	IIMCA-B	NET	DS/KSR	LP-SSR	SEM-DK	SEM/DK	DBMS-VVAS	OS-KK	Library	
SAT	IV MCA – A	NET/BRK	OODB/DHK	CNS-BRK	ERP-PSR	CNS LAB-SR			Library	
	IV MCA – B	CNS/TKK	OODB/KCK	CNS-MN	ERP-KKK	CNS LAB-TKK			Library	
	II MCA-A	C/PVL	DS-CJR	LP-PR	DBMS-SR	SEM / CJR	PS-YSR	LP-PR	Library	
	I IMCA-B	NET/	DS-KSR	LP-SSR	DBMS-VVAS	SEM /KSR	PS-DK	LP-SSR	Library	

- **Teaching Load of each Faculty**

**MCA FACULTY-TEACHING WORK LOAD PARTICULARS 2009-10(JUN-DEC)**

S,No	Name of the Faculty	Work Load Details		Extra Curricular Activities	Total
		Theory	Practical		
1.	<b>Dr.S.V.Naga Sreenivasu</b>	4			4
2.	<b>K.Swaroop Rani</b>	8		2	10
3.	<b>N.Charless Jaya Rao</b>	8		2	10
4.	<b>S.Siva Rama Krishna</b>	8		2	10
5.	<b>V.V.A.S. Lakshmi</b>	8		2	10
6.	<b>M.Naresh</b>	8		4	12
7.	<b>B.Radha Krishna Murthy</b>	4		7	11
8.	<b>P.Vijaya Lakshmi</b>	4	6	2	12
9.	<b>P.Srinivasa Rao</b>	4	6	2	12
10.	<b>K.Sri Krishna Kanth</b>	4	6	2	12
11.	<b>D.Hari Krishna</b>	4	6	2	12
12.	<b>J.Nagamani</b>	4	6	2	12
13.	<b>Y.Srinivasa Reddy</b>	4	6	2	12
14.	<b>G.Sudarsan Raju</b>	4	6	2	12
15.	<b>P.V.S.N. Prasad</b>	4		5	9
16.	<b>M.Sampath Kumar</b>	4		4	8
17.	<b>K.Chandra Kanth</b>	4	6	2	12
18.	<b>T.Kiran Kumar</b>	4	6	2	12
19.	<b>S.Srinivasa Rao</b>	4	6	2	12
20.	<b>D.Komala</b>	4		5	9

**MCA FACULTY-TEACHING WORK LOAD PARTICULARS 2009-10(DEC-APR)**

S.No	Name of the Faculty	Work Load Details		Extra Circular Activities/ Projects	Total
		Theory	Practical		
1	Dr.S.V.Naga Sreenivasu			2	2
2	K.Swaroopa Rani	4		1	5
3	N.Charless Jaya Rao	4		1	5
4	S.Siva Rama Krishna	8			8
5	V.V.A.S. Lakshmi	4		3	11
6	M.Naresh	4		3	7
7	B.Radha Krishna Murthy	4		2	6
8	P.Vijaya Lakshmi	4	6	2	12
9	P.Srinivasa Rao	4	6	2	12
10	K.Sri Krishna Kanth	8			8
11	D.Hari Krishna	4	6		10
12	J.Nagamani	4	6		10
13	Y.Srinivasa Reddy	4	6	2	12
14	G.Sudarsan Raju	4	6	2	12
15	P.V.S.N. Prasad	4		1	5
16	M.Sampath Kumar		6	3	9
17.	K.Chandra Kanth	4			4
18	T.Kiran Kumar		6	2	8
19	S.Srinivasa Rao	4		2	6
20	D.Komala	4		1	5

- **Internal Continuous Evaluation System and place**
  - Three Internal exams
  - Assignments
  - Student seminars
  - Attendance
- **Students' assessment of the Faculty, System in place**