

# About RCMA



## Prelude:

- **Twenty eight years ago a B-School was born in Bhubaneswar, Orissa with a vision to place Orissa in the global map of management education. Now Regional College of Management Autonomous is a name to reckon with in Eastern India.**

# History

**The Regional College of Management Autonomous (RCMA) was founded in 1982 with a group of well known social reformers and educationists to propagate education in variety of fields with the most important corner stone being ethical and moral values.**

**Excellence is our goal; passion for innovative education is our motto, and facing the challenges of the world of time and space are our resolve.**

## **Board of Studies**

**In order to develop updated course curriculum and to appoint the question setters and examiners RCMA has separate Board of Studies for MBA & MCA programmes. The Board consists of all faculty members of the concern department and outside experts from industry, academia, university nominee and one meritorious alumni. The Board meets regularly to execute academic responsibility.**

# Vision:

**The institute's vision is :**

**To become a leading international centre for Computer and Management studies by ensuring a continuous supply of knowledgeable, active and committed professionals, who look for new innovative and creative strategies and technologies in order to meet competitive threats positively and effectively and achieving Professional Excellence.**

# Mission:

**The institute's mission is:**

**To develop, maintain and continuously improve our quality resources to the benefit of the society by producing a citizen group that has an everlasting urge to learn and perform.**

# Departments :

**The Institute offers post graduate programmes besides other distance learning programmes.**

- MBA**
- MCA**
- Post Graduate Diploma**

# POST GRADUATE DIPLOMA PROGRAMMES

SI No	Programme
1	PG Diploma in Hospital & Health Care Management
2	PG Diploma in Human Rights
3	PG Diploma in Entrepreneurship & Enterprise Management
4	PG Diploma in Aviation Management
5	PG Diploma in Telecom Management
6	PG Diploma in Banking & Finance

**The MBA and MCA programmes of our college have been accredited by National Board of Accreditation (NBA) of AICTE Since 2003 and subsequently in 2009 & NAAC of UGC in the year 2010.**

**It is also an AS/NZS ISO 9001-2008(JAS-ANZ) quality certified educational institution.**

**The College has been granted autonomous status by UGC and BPUT since 2009.**

# Intake Capacity

<b>Courses</b>	<b>Intake Capacity</b>
<b>MBA</b>	<b>300</b>
<b>MCA</b>	<b>120</b>
<b>MBA (Tourism)</b>	<b>30</b>
<b>PGDM</b>	<b>180</b>

# Infrastructure

Land : 1 hector

**It is situated at the most peaceful part of the Temple City known as the Institutional Area of Bhubaneswar. The institute is located near the INFOCITY amidst Infosys, Satyam, STPI, TCS and other MNC(s).**

# Building & Infrastructure:

- Continuous effort has been made since the beginning to expand infrastructure facilities as per the growing needs of the Institution.
  
- Infrastructure Facilities available with appropriate cover areas in sq. ft:
  1. Classroom : 35,925.00 sq ft
  2. Laboratories : 05,982.20 sq. ft.
  3. Library : 26,600.00 sq. ft
  4. Hostels : 40,617.00 sq. ft. (girls)

**ADMINISTRATIVE AREA : 10,649.00 sq. ft.**

**(Director's Office, principal's  
Office, Dean's Office,  
Faculty rooms, Office rooms,  
Store room, Maintenance, etc.**

**AMENITIES AREA : 05,548,00 sq. ft.**

**(Common room, canteen,  
Toilet, sports room etc**

**CIRCULATION AND OTHERS : 06,066.00 SQ FT.**

(Lobby, Staircase, Verandah, Corridor)

**AUDITORIUM : 03,740.00 SQ. FT**

**OPEN AUDITORIUM : 05,740.00 SQ FT.**

**Total (building) : 1,44,252.2 sq. ft**  
covered area in sq. ft

# LIBRARY AND READING ROOM



The **Jubilee Library** which accommodates more than 300 students at a time, provides assistance to faculty members in their teaching, consultation, MDP, training and course design. It is well stocked with a wide range of books, journals, newspapers, statistical year books, projects and periodicals. The library has been identified as place of research for Ph.D. and Post-doctoral research in the eastern part of the country.

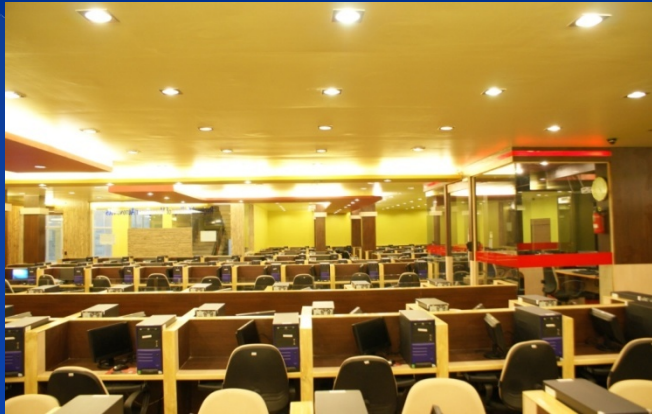


## LIBRARY AND READING ROOM

<b>Total No. of Books</b>	<b>38584</b>
Books (Central Library)	31644
Books (Book bank)	6940
Titles	8795 (MBA :.6413 & MCA:.2382)
Journals and Magazines (Print)	187
News Paper	16
C.D Rom	925
On Line database	3 (Over 1600 journals)
LAN/Internet/Multimedia	Facility Available
Online Emarld Management Extra (EMX150)	Available for Unlimited Users

# Computing Facilities:

- **Information Communication Technology (ICT) is provided to support teaching, learning, research and general furtherance of knowledge.**
- **Gyanadarshan TV Channel is available in the CLOT.**
- **There is a sophisticated computer lab (Aryabhata) having state of the art computing facilities.**
- **350 Computer Systems networked together with servers in the campus with excellent ambience.**



- **24x7 Internet access with 20 Mbps leased line.**
- **Programming Lab.**
- **Internet Lounge.**
- **Laptop Lounge.**
- **On line Examination Lab for 200 candidates.**

- **CISCO Certified Network Associate (CCNA) Lab**
- **Partner for ORACLE WORK FORCE DEVELOPMENT PROGRAM.**
- **Security Research Lab. (Equipped with Routers, PCs. , NS2 and MATLAB.)**
- **Wi-fi environment throughout the campus.**
- **Access to internet at every place (hostel, Library, faculty rooms etc).**

**Hostel facility for Girls within the campus ( for convenience and security) and for boys, outside the campus located in the vicinity of the college.**



# RCMA as an Autonomous College...

# Evaluation System

- REGULATIONS FOR M.C.A. PROGRAMME Duration of Curriculum and Calendar.
  - › Master in Computer Application (MCA) Programme is of three years duration.
  - › Each year shall be divided into two semesters.
  - › First semester shall ordinarily begin in August and end in December.

The Curriculum and Syllabus shall be modified with approval of Academic Council positively from time to time to keep the same up-to-date and industry relevant.

However, minor modifications can be done as the when necessary with the approval of the Board of Studies, The modification so done shall be placed to the immediate next Academic Council Meeting for ratification.

# Grading System:

- A letter grading system shall be followed in the University. The uniform Grading System to be followed for all Academic Programmes (except Ph. D. and D. Sc) shall be as described below:
- A Seven Point grading system on a base of 10 shall be followed in the University. Categorization of these grades and their correlation shall be as under:

<b>Qualification</b>	<b>Grade</b>	<b>Score on 100 Percentage Points</b>	<b>Point</b>
Outstanding	‘O’	90 & above upto 100	10
Excellent	‘E’	80 & above but less than 90	9
Very Good	‘A’	70 & above but less than 80	8
Good	‘B’	60 & above but less than 70	7
Fair	‘C’	50 & above but less than 60	6
Pass	‘D’	35 & above but less than 50	5
Failed	‘F’	Below 35	2

N.B. Grade C shall be considered as average, Grade D shall be the pass Grade in Theory Papers and C in all others.

# The Faculty Members...

Name	Designation	Qualifications	Experties
Prof. L. N. D. Panda	Professor & Head	Dipl.Ing.	Industrial Projects
Prof. Dr. A. C. Ojha	Professor	MCA	Software Engg,, Multiagent Systems, Semantics Technologies
Mr. Probadha Kumar Pradhan	Associate Professor	MCA	Microprocessor
Mr. Manas Ranjan Nayak	Assistant Professor	MCA, M. Tech	Distributed System , WSN, Advance Operating System
Mr. Suryakanta Mohapatra	Associate Professor	MCA (Continuing M.Tech. CSE)	OS, Microprocessor
Mr. Saroj Kanta Jena	Assistant Professor	MCA	OS, RDBMS
Mr. G. K. Panda	Assistant Professor	M.Tech	Programming Languages
Mr. Subhendu Kumar Pani	Lecturer	MCA, M.Tech	Advance Java Programming, Parallel and distributed Comuting
Mr. Damburu Mohanty	Lecturer	MCA	RDBMS, JAVA Programming
Ms.Sujata Chakravorty	Assistant Professor	M.Tech	RDBMS, DATA MINING, SOFT COMPUTING

# The Faculty Members...

Ms. Nita Das	Lecturer	MA. Eng	Business Communication
Mr. Sisir Kanta Padhy	Lecturer	MCA	Discrete Mathematics, Numerical Methods
Mr. Sagar Samrat Dey	Lecturer	MCA	Internet and WEB Technology, UNIX
Ms. Sangamitra Goutam	Lecturer	MBA	Business Communication
Manmay Hota	Asst. prof.	MCA (ContinuingM.Tech. CSE)	Computer Network, Computer Security, Computer Graphics, Soft Computing.
Mrs. Bibha Kumari Pathak	Lecturer	MCA (ContinuingM.Tech. CSE)	Microprocessor
Mrs. Manjushri Bhuyan	Asst. Professor	MS	OS, Data Structure
Swapna Sikta Beberta	Lecturer	MCA (ContinuingM.Tech. CSE)	ERP, Java Programming
Amalendu Bag	Lecturer	MCA (ContinuingM.Tech. CSE)	Simulation and modeling, Numerical Method, Algorithm Analysis and Design
Nitu Das	Lecturer	MCA (ContinuingM.Tech. CSE)	Software Engg.
Partha Pratim Ghosh	Asso Prof.	M.TECH	ERP, E-Business, E-Commerce.

# Research and development Activities...

1. Prof. Manas Nayak
2. Prof. Sujata Chakrabarty
3. Prof. Manmay Hota
4. Prof. Subhendu Pani
5. Prof. Nitu Dash.

Name: **Prof. Manas Ranjan Nayak.**

Area : **Wireless Sensor Network Security**

Current Activities:

**Cross-layer Security solutions in Wireless Sensor Network.**

- › Cross-layer security for heterogeneous requirements and service types.
- › Cross-layer for intrusion detection
- › Cross-layer design for power efficiency
- › Cross-layer design for key management

Name : **Prof. (Ms.) Sujata Chakrabarty**

Area : **Data Mining and Soft Computing.**

**Current Activities:**

**Data Mining Approaches For Financial Time Series Prediction.**

Forecasting stock market, currency exchange rate, bank bankruptcies, Financial risks, Trading Futures, Credit rating, Loan Management, electricity price.

**Current Status: Waiting for Doctoral Degree Award.**

**Technology** used: Data Mining and Soft Computing.

- **Machine Intelligence:**
  - Artificial Neural Network.
  - Fuzzy Logic Systems
  - Support Vector Machines etc.
- **Optimization Techniques:**
  - Genetic Algorithm
  - Particle Swarm Optimization
  - Differential Evolution

Name : Prof. Manmay Hota.

Area : Computer/ Network Security.

Current Activities:

1.

Distributed Denial of Services (Detection and Prevention of Flooding Attacks in Network).

Current Status: Simulation and Data Collection for Analysis.

Work to be Done: Model Selection, Mapping, Testing, Implementation, Comparisons.

## 2. Secured Transmission in VOIP (SIP):

Problem formulation - Prof. (Dr.) G. Tolkienh.

Current Status: Preparation of Proposed Model.

The project will be finalized after the analysis of proposed model.

### 3. Key Distribution/Management Schemes in Wireless Sensor Network.

**Current Status:** Model is prepared.

**Work to be done:** Simulation, Testing and Implementation in Real Environment.

**Co-Investigator:** Prof. (Mrs.) Nitu Dash.

◎ Name : Prof. Subhendu Pani

◎ Area : Web Mining using Soft Computing

Current Activities:

Finding the desired information out of, more than 1 Trilon indexed pages by using soft computing techniques.

# Technology used: Web Mining using Soft Computing

- **Machine Intelligence:**
  - Artificial Neural Network.
  - Fuzzy Logic Systems
- **Optimization Techniques**
  - Genetic Algorithm
  - Particle Swarm Optimization
  - Ant Colony Optimization

# Objective of our Visit...

- MOU for Student Exchange
- Faculty Exchange
- Possibility of Joint/Collaborative Research and Development

**Thank You**