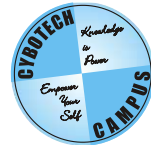
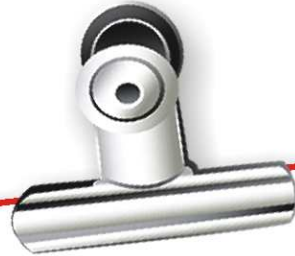


# PROSPECTUS



# CYBOTECH CAMPUS™

A FLAGSHIP OF ANWESHA

[www.cybotechcampus.com](http://www.cybotechcampus.com)

Sikkim Manipal University Learning Centre Code: 01696  
DOEACC Fully Accredited Centre No.: 'O'-1459, 'A'-0473



Deptt. of Information Technology  
Ministry of Communications & IT (Govt. of India)



**Sikkim Manipal University**  
Directorate of Distance Education  
Approved by Joint Committee of UGC-AICTE-DEC



**SMS CYBOTECH**  
<space> **YOUR**  
**NAME to 56677**

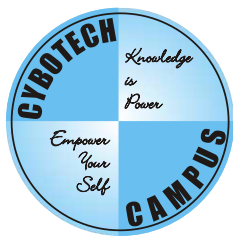
**ADMINISTRATIVE OFFICE:**

2nd Floor, Varma Centre, Boring Road Crossing, Patna-800 001  
Tel.: 0612-2541398 / 2541498 • Fax: 0612-2541498  
E-mail: [admin@cybotechcampus.com](mailto:admin@cybotechcampus.com)

**STUDY CENTRES:**

4-B, 5-B & 24-B; S.K. Puri, Patna-800 001  
Tel.: 0612-2541627 / 2541628  
E-mail: [Info.courses@cybotechcampus.com](mailto:Info.courses@cybotechcampus.com)

**ADMISSION HELP LINE 09708581801. CALL TODAY**



**CYBOTECH  
CAMPUS™**

A Flagship of Anwasha

CYBOTECH CAMPUS is designed to create an ideal ambience for learning. The state of the art classrooms and laboratories contribute to the longer period of retention of education imparted in the center. Trainees are guided to devote substantial amount of time to course work and self-study. Our trainees have access to CYBOTECH CAMPUS's voluminous libraries, which house latest books, reference materials and magazines. Computer based tutorials on various subjects are also available for self-study.

Seminars/presentations/ Group Discussions by students are held at regular intervals to stimulate real life situations. Emphasis is given to quality assurance aspects of the software development life cycles. This enables participants of a particular programme to work as a team, to further enhance their skills exposure.

### **EDUCATION & TRAINING**

In order to meet the incessant demand for skilled software professionals, management trainees both within the country and worldwide, CYBOTECH CAMPUS has setup knowledge, skill and employment oriented training centers at historical city of Patna, the capital city of Bihar, known as a seat of learning for many centuries.

In education, CYBOTECH CAMPUS has moved up the value chain from class-room instructor led training to technology based Internet training, combining core competencies across

business to make it net centric.

The tie-ups with premier educational institutions such as (i) Sikkim Manipal University, (ii) DOEACC, Deptt. of Electronics, Ministry of Communication & IT, Govt. of India, (iii) Pentasoft, for setting up of Center of Performance On corporate training, CYBOTECH CAMPUS provide standard and advanced training to their clients like Reserve Bank of India, the Times of India, PHED, BEP (Govt. of Bihar), IGNOU, Dr. Reddy's Laboratories and many other.

### **COURSE HIGHLIGHTS**

The entire Program has been designed keeping in mind industry requirement and are backed by the expertise and exacting standards. Every CYBOTECH CAMPUS centre is manned by a team of experienced faculty. This has made our centers rid in duality and performance and resulted in exceptional examination success for our students.

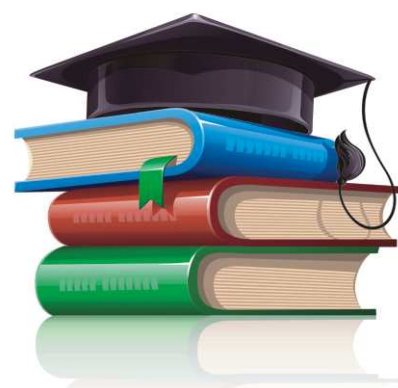
The training methodology is based on a solid theoretical base and practical lecturer in the classrooms are supplemented by live projects and hands on experience which helps to provide practical orientation of the subject being taught. Beginning with operating systems, we cover the entire gamut of software packages up to fundamentals of programming and advanced level of programming with best certification. The focus is on providing high-end training

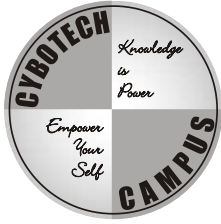
like Midrange server (AS/400) and client-server technology, E-commerce solutions. The other specialized courses offered include Certificate courses, Diploma & P.G. Diploma, Bachelor and Masters degrees in IT, Computer Science & Management with specializations based on industry demands.

The following pages provide a detailed outline of the content of the various courses being offered now at CYBOTECH CAMPUS.

### **PLACEMENT ASSISTANCE**

CYBOTECH CAMPUS's Placement Cell assists eligible students in securing suitable jobs/training projects. For this purpose, the Placement Cell keeps effective contacts with large number of companies. The Placement Cell also maintains and performs liaison work between possible employers and our students. Students must, however, note that the Institute is a place for serious academic pursuit and not an agency to provide employment. No fee is charged for the service and no binding obligation to find a job/training project for any student is accepted.





**CYBOTECH  
CAMPUS™**  
A Flagship of Anwesha

## A Warm Welcome

Cybotech Management, is happy to extend you a warm welcome in its academic environment.

Cybotech Campus is a dynamic, vibrant and academically exciting place to learn. In its history of twelve years, the institution has produced many successful professionals who are now in senior positions in various companies/institutions of public and private sector.

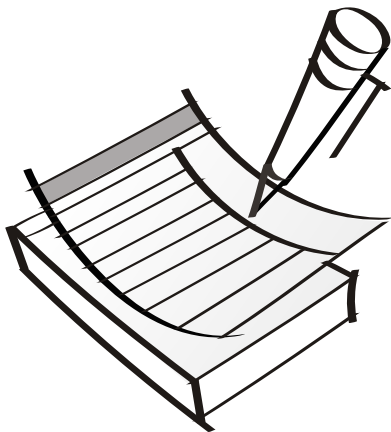
In this period we have grown from 11 students to about 2200+ students, with all the students benefiting from different courses offered by us. The Institute's reputation has now spread far and wide and it is now in a position to capitalize on this. We are in the process of building a new corporate headquarter equipped with latest teaching aids and other modern facilities. This new building is expected to be ready within a short time and hopefully prove to be a boon to all our students.

The ultimate aim of Cybotech Campus is to become one of the best known teaching and learning centers of quality education in the field of I.T. and Management. We have a vision of providing the education that enable our students of becoming not only good employees and effective leaders, but good human beings too. The remarkable sense of community at Cybotech Campus starts in classrooms, where synergy can be witnessed among the students and faculty members. Our students, equipped with energy and drive, take this same team spirit and individual skill base to their work place, demonstrating a passion for excellence.

The world of business is changing rapidly day by day and information technology, coupled with convergence of platforms is offering new challenges and opportunities. We intend to embrace these fully. To keep up with the new challenges, our faculty members are encouraged to upgrade their skills.

Please do explore the Cybotech Campus' website to find out more about our activities. We have many satisfied alumni and we will make strenuous effort to fulfill your expectations.

If you have a dream of excelling in today's highly competitive world, Cybotech Campus is the place for you. With the quality education provided by us and with your hard work, we hope, you will become a successful individual and actively contribute to the development of the country.



### COURSES OFFERED

**Bachelor of Computer Application (BCA)**

**Bachelor of Science in Information Technology (BSc-IT)**

**Bachelor of Business Administration (BBA)**

**Bachelor of Arts (B.A.) : History / Pol. Science / Economics**

**Bachelor of Commerce (B.Com.)**

**Master of Computer Applications (MCA)**

**Master of Science in Information Technology (MSc-IT)**

**Master of Business Administration (MBA)**

**Master of Arts (M.A.) : History**

**Master of Arts (M.A.) : Political Science**

**Master of Commerce (M.Com.)**

## EVALUATION AND GRADING

Evaluations are conceived, developed and administered on a rigorous and fair basis to bring out the best in students and prepare them for challenging careers. A student's performance is based on:

- ① Continuous evaluation, performed at the local Learning Centers, carrying 30% weightage on the final score.
- ② University examinations, conducted at the examination centers and evaluated by the University, carrying 70% weightage on the final score.
- ③ Continuous evaluation is done through assignments and practicals. In each subject, a student should secure at least 35% marks in continuous evaluation and 35% marks in the University examinations, and a consolidated average of 40% to be declared pass.
- ④ Based on the students performance, the following grading system will be adopted:
  - ▶▶ A = Excellent (+70%)
  - ▶▶ B = Very Good (+60%)
  - ▶▶ C = Good (+50%)
  - ▶▶ D = Satisfactory (+40%)
  - ▶▶ E = Failure

## EXAMINATION RESULTS

The student is informed about the examination schedule and Examination Center shall be informed through the Admit Card and also through websites [www.smude.edu.in](http://www.smude.edu.in) OR [www.cybotechcampus.com](http://www.cybotechcampus.com)

The Examination Center will be different from the Learning Center and eligible students will be given admit cards to appear in the examination.

Students will have to produce the identity card and admit card to appear in the term-end examination at their Examination Center. The examination pattern will be available in the program guide provided to the students.

The results will be published on the university website and the marks card will be sent to the respective Learning Centers. If a student fails to clear any of the papers (either in UE or IA or both), she/he has to re-appear for the relevant paper by applying to the University through the re-sitting application along with relevant fees, within the due date specified by the University.

## AWARD OF DEGREE

All successful students of respective Diploma/ Degree/PG Diploma/Master's Degree Programs will be awarded the respective Diploma/Degree/PG Diploma/Master's Degrees by the University.

The student of final semester of Degree/Diploma course will have to submit the Re-Registration Form along with the requisite fee as prescribed by the University during their final semester. The final semester Re-Registration Form has to be filled with request to process Degree issuance. For Migration Certificate, form can be downloaded from the University/Cybotech Campus website (<http://www.cybotechcampus.com>).

## FOR STUDENTS WISH TO WORK ABROAD

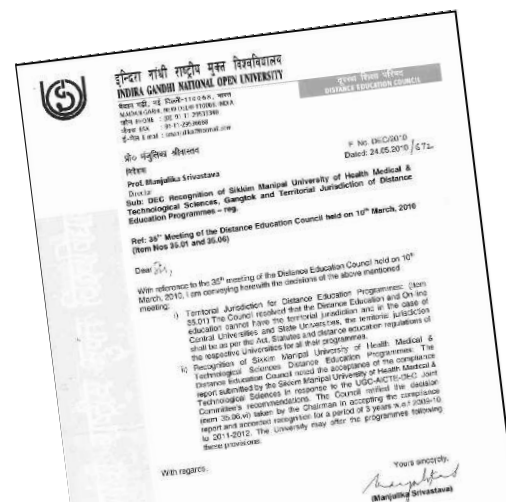
A student (of Sikkim Manipal University) who wishes to work outside India, need authentication of his/her certificates by the Ministry of HRD, Govt. of Sikkim, Gangtok. One can directly contact the Asst. Registrar, SMU, Gangtok for this process. The form is available at [www.cybotechcampus.com](http://www.cybotechcampus.com).

## RIGHT TO AMEND RULES

The University reserves the right to add/delete/change/amend the syllabi, course structure, rules and regulations wherever considered necessary and appropriate without any prior notice. The students are advised to go through the website frequently where all circulars and important information will be hosted from time to time. Promulgation of any such information on the website in the form of circulars/notices is considered to be adequate.

## JURISDICTION

All the disputes relating to the University programs and activities are subject to Udupi, Karnataka, India, jurisdiction only.



# DOEACC

Deptt. of Information Technology, Ministry of Communications & IT (Govt. of India)

## 'O' Level (Diploma) and 'A' Level (Advanced Diploma) Courses



### VALIDITY OF REGISTRATION

Candidates are allowed a maximum of ten consecutive examinations, reckoned from the examination which a candidate is eligible to take as indicated in the letter of allotment of registration number to the candidate, for completing successfully the 'O' or 'A' level examination.

### Extension of Registration Date

An extension for appearing in two consecutive examination, following the date of expiry of registration of the student under the scheme can be granted against the request, subject to the condition that the candidate has qualified in minimum five modules of 'A' level course. Extension fee as applicable on date should accompany the request for extension.

### EXAMINATION PAPER

The theory examination for each module under the third revised syllabus would be for duration of three hours and the total marks for each subject would be 100. One/two practical examinations of three hours duration and 100 marks each have also been introduced, wherein assessment of written and presentation skills will form an integral part. The first examination with the revised syllabus was held in July 2003, for which teaching commenced in January, 2003. This pattern of Teaching & Examination has been revised for the 4th time in January 2010.

Dates for the various activities connected with examinations will be announced through newspapers/website [www.doeacc.edu.in](http://www.doeacc.edu.in) or [www.cybotechcampus.com](http://www.cybotechcampus.com), well in advance of the examinations.

Laboratory/Practical work will be the conducted at institutions or organizations, which are running the course. The Society will be responsible for holding the examination for theory and practical both for the students from accredited centers and student at large.

### PASS PERCENTAGE

To qualify for a pass in a module, a candidate must obtain at least 50% in theory and practical examination each. The marks will be translated into grades, while communicating results to the

candidates. The gradation structure is as:

Pass Percentage	Grade
Failed (<50)	F
50%-54%	D
55%-64%	C
65%-74%	B
75%-84%	A
85% and over	S

### AWARD OF CERTIFICATES

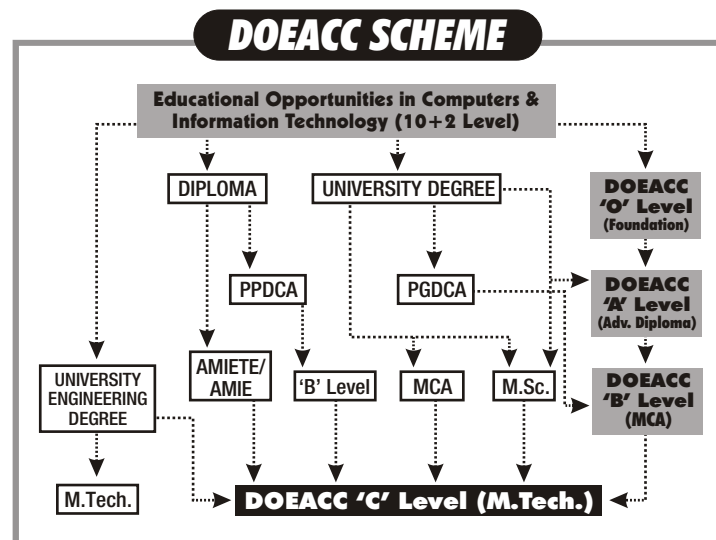
#### For 'O' Level

The Students would be, eligible for the award of 'O' Level Certificate on successfully qualifying the Theory Exams. of all modules, Practical Exam. and the Project. The 'O' level certificate is recognised as equivalent to Foundation Level Course by the Government of India for the purpose of employment vide Notification No. 43 & 49 dated 1st March, 1995 and 10th April, 1996 respectively issued by the Ministry of HRD, Govt. of India.

#### For 'A' Level

Successful candidates in 'A' Level would be eligible for a certificate which is recognised as equivalent to Advance Diploma in Course by the Govt. of India for the purpose of employment vide, Ministry of Human Resources Development, Govt. of India's notification no. F.18-23/92-TD.V/TS dated 1st March, 1995 and F.18-23/92-TD.V/TSIV dated 10th April, 1996.

### THE PATH TO SUCCESS



## What the Luminaries have to say



“Manipal is like the Nalanda of yore. I am happy to see engineering, medicine and other disciplines being taught in the same campus, an ideal environment for research to flourish.”—**Dr. A.P.J. Abdul Kalam**, Former President of India



“The right thing to do for marginalized society would be to provide them education. To do this at a scale needed, we need to enlist private initiative as much as possible. The example of Manipal serves as a beacon which could guide both Central and State Governments on what can be done.”—**Dr. Montek Singh Ahluwalia**, Dy. Chairman, Planning Commission



“When Dr.T.M.A. Pai decided to build a medical college in Manipal, it sounded like an impossible dream. In the space of 50 years, Manipal was transformed into an education capital, which is proof enough of a powerful vision.”—**Mr. Azim H Premji**, Chairman, Wipro



“The distance education in schooling is offered mainly by the National Institute of Open Schooling (NIOS). Some states also have their own open schooling institutes. Of one crore children in the 14 to 18 age group pursuing secondary education, roughly 16 lakh are enrolled through open schooling system. This number [16 lakh] is not good enough. It should be increased to about 70-80 lakh by the end of the 11th Five Year Plan and should be 1.5 crore by 2020.”—**Mr. Kapil Sibal**, Union Minister for Human Resource Development



“Wish Manipal University all the best and the country needs such institutions in all States—specially in rural areas—so hope Manipal will expand its facilities all over the country.”—**Shri Dinesh Trivedi**, Minister for State for Health and Family Welfare, Govt. of India



“Technology is a great tool available for expansion to improving quality of higher education, vocational education and even school education. I would like to compliment you for the effort and wish you lot of luck in your future endeavours.”—**Mr. Sam Pitroda**, Advisor to the Prime Minister on Public Information Infrastructure & Innovations

# Bachelor of Computer Application (BCA)

Sikkim Manipal University, Gangtok

**OBJECTIVE :** The first and second semester of the course basics of computer and communication technology. During the third and fourth semesters students will develop programming, analytical skills and software management. The fifth and sixth semesters will impart the knowledge of operating systems, networking, PC components, Artificial intelligence etc.

**ELIGIBILITY :** 10 + 2 or equivalent in any discipline / 3 years Diploma from a technical board.

**UNIVERSITY FEES :** Rs. 11,100/- per semester inclusive of examination fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEE :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

## Provision for Lateral Entry to Second Semester\*

**Eligibility:** (a) 10+2 or equivalent / 3 year Diploma from a State Board of Technical Education and six month computer course from reputed institutions\*.

**Additional Fees :** In addition to the normal fees, an additional lateral entry fee of Rs. 5,175/- (for lateral entry examination fees is included) is payable by students opting for this scheme.

**Note :** In the lateral entry scheme only, a student has to appear & pass the 1st Semester Examination. Books of first semester will be supplied by the University and internal assessment will be completed at the Learning Centers.

## Provision for Direct Entry to Third Semester\*

**Eligibility:** (a) 3 year Diploma in IT/CS from a State Board of Technical Education.

**Additional Fees :** In addition to the normal fees, an additional direct entry fee of Rs. 5,175/- is also payable by students.

In Direct Entry Scheme, students are exempted from appearing in Examinations for all the previous Semesters.

FIRST SEMESTER		
Code	Subject Title	Credit
BC0032	Communication Skills	4
BC0033	Basic Mathematics	4
BC0034	Computer Concepts & C Programming	4
BC0035	Computer Fundamentals	4
BC0036	Digital Systems	4
<b>Total Commutative Credits</b>		<b>20</b>
SECOND SEMESTER		
BC0037	Object Oriented Programming using C++	4
BC0038	Data Structures using C	4
BC0039	Discrete Mathematics	4
BC0040	Computer Organisation and Architecture	4
BC0041	Fundamentals of Database & Management	4
<b>Total Commutative Credits</b>		<b>40</b>
THIRD SEMESTER		
BC0042	Operating Systems	4
BC0043	Computer Oriented Numerical Methods	4
BC0044	Accounting & Financial Management	4
BC0045	Structured System Analysis & Design	4
BC0046	Microprocessor (8085, 8086 & 8087)	4
<b>Total Commutative Credits</b>		<b>60</b>
FOURTH SEMESTER		
BC0047	Java Programming	4
BC0048	Computer Networks	4
BC0049	Software Engineering	4
BC0050	Oracle & Distributed Databases	4
BC0051	System Software	4
<b>Total Commutative Credits</b>		<b>80</b>
FIFTH SEMESTER		
BC0052	Theory of Computer Science	4
BC0053	VB.Net & XML	4
BC0054	Software Project Mgt. & Quality Assurance	4
BC0055	TCP/IP Protocol Suite	4
BC0056	Unix Operating System	4
<b>Total Commutative Credits</b>		<b>100</b>
SIXTH SEMESTER		
BC0057	Object Oriented Analysis & Design	4
BC0058	Data Warehousing	4
BC0059	Elective*	4
BC0060	Project	8
<b>Total Commutative Credits</b>		<b>120</b>
<b>*Electives</b>		
BC5901	Artificial Intelligence OR	
BC5902	Image Processing	

# Bachelor of Science in Information Technology (BSc-IT)

Sikkim Manipal University, Gangtok

**OBJECTIVE :** To enable students who have completed the 10+2 or equivalent course to pursue a career in computers. Syllabus is designed in keeping with the emerging world of Information Technology and updated regularly keeping the latest trends.

**ELIGIBILITY :** 10 + 2 or equivalent in any discipline / 3 years Diploma from a recognised technical board.

**UNIVERSITY FEES :** Rs. 11,100/- per semester inclusive of examination fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

## Provision for Lateral Entry to Second Semester\*

**Eligibility:** (a) 10+2 or equivalent / 3 year Diploma from a State Board of Technical Education and six month computer course from reputed institutions\*.

**Additional Fees :** In addition to the normal fees, an additional lateral entry fee of Rs. 5,175/- (for lateral entry examination fees is included) is payable by students opting for this scheme.

**Note :** In the lateral entry scheme only, a student has to appear & pass the 1st Semester Examination. Books of first semester will be supplied by the University and internal assessment will be completed at the Learning Centers.

## Provision for Direct Entry to Third Semester\*

**Eligibility:** (a) 3 year Diploma in IT/CS from a State Board of Technical Education.

**Additional Fees :** In addition to the normal fees, an additional direct entry fee of Rs. 5,175/- is also payable by students.

In Direct Entry Scheme, students are exempted from appearing in Examinations for all the previous Semesters.

## ELECTIVES

**Elective - 1\*** (Choose one)

BT 8901 Object Oriented Systems  
BT 8902 E-Commerce  
BT 8903 C# Programming

**Elective - 2†** (Choose one)

BT 9001 Data Mining  
BT 9002 Grid Computing  
BT 9003 Data Storage Mgt.

**Elective - 3‡** (Choose one)

BT 9301 Computer Graphics  
BT 9302 Human Comp. Interface  
BT 9303 Design Patterns

**Elective - 4§** (Choose one)

BT 9401 Pattern Recognition  
BT 9402 Artificial Intelligence  
BT 9403 Virtual Reality

## FIRST SEMESTER

Code	Subject Title	Credit
BC0062	Fundamentals of IT	4
BT0063	Mathematics for IT	4
BT0064	Logic Design	4
BT0065	'C' Programming and Data Structures - Theory	3
BT0066	Database Management System	3
BT0067	'C' Programming and Data Structures - Practical	2
<b>Total Commutative Credits</b>		<b>20</b>

## SECOND SEMESTER

BT0068	Computer Organisation and Architecture	4
BT0069	Discrete Mathematics	4
BT0070	Operating Systems	4
BT0071	Technical Communication - Theory	2
BT0072	Computer Networks	4
BT0073	OS and DBMS - Practical	2
<b>Total Commutative Credits</b>		<b>40</b>

## THIRD SEMESTER

BT0074	OOPS with Java	4
BT0075	RDBMS with MySQL	4
BT0076	TCP / IP	4
BT0077	Multimedia Systems	2
BT0078	Website Design	2
BT0079	Mini Project	4
<b>Total Commutative Credits</b>		<b>60</b>

## FOURTH SEMESTER

BT0080	Fundamentals of Algorithms	4
BT0081	Software Engineering	4
BT0082	Visual Basic	4
BT0083	Server Side Programming - Theory	4
BT0084	Technical Communication - Practical	2
BT0085	Server Side Programming - Practical	2
<b>Total Commutative Credits</b>		<b>80</b>

## FIFTH SEMESTER

BT0086	Mobile Computing	4
BT0087	WML and WAP Programming - Theory	2
BT0088	Cryptography and Network Security	4
BT0089	Elective - 1*	4
BT0090	Elective - 2†	4
BT0091	WML and WAP Programming - Practical	2
<b>Total Commutative Credits</b>		<b>100</b>

## SIXTH SEMESTER

BT0092	Software Project Management	4
BT0093	Elective - 3‡	4
BT0094	Elective - 4§	4
BT0095	Project Work	8
<b>Total Commutative Credits</b>		<b>120</b>

# Bachelor of Business Administration (BBA) Revised Fall 2011

Sikkim Manipal University, Gangtok

**OBJECTIVE :** The revised program equips candidates with management skills, latest communication skills and legal issues required at various departments of organization both at national & international levels.

**ELIGIBILITY :** 10+2 or equivalent in any discipline / 3 years Diploma from a recognised technical board.

**UNIVERSITY FEES :** Rs. 11,100/- per semester inclusive of examination fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

<b>FIRST SEMESTER</b>		
Code	Subject Title	Credit
BBA101	Communication Skills	4
BBA102	Organization Behaviour	4
BBA103	Business Environment	4
BBA104	Quantitative Techniques in Business	2
BBA105	Computer Fundamentals	2
<b>Total Commutative Credits</b>		<b>16</b>
<b>SECOND SEMESTER</b>		
BBA201	Research Methods	2
BBA202	Business Strategy	2
BBA203	Financial Accounting	4
BBA204	Marketing Management	4
BBA205	Management Information System	4
<b>Total Commutative Credits</b>		<b>32</b>
<b>THIRD SEMESTER</b>		
BBA301	Legal and Regulatory Framework	4
BBA302	Human Resource management	4
BBA303	Quality Management	4
BBA304	Advertising and Sales	4
<b>Total Commutative Credits</b>		<b>48</b>
<b>FOURTH SEMESTER</b>		
BBA401	e-Commerce	4
BBA402	Management Accounting	4
BBA403	International marketing	4
BBA404	Small Business Management	2
BBA405	Retail Management	2
<b>Total Commutative Credits</b>		<b>64</b>
<b>ELECTIVES: Group I: General (Sem. 5 &amp; 6)</b>		<b>32 Credits</b>
<b>Group II: Retail Operators (Sem. 5 &amp; 6)</b>		<b>32 Credits</b>
<b>FIFTH SEMESTER (Group I)</b>		
BBA501	Production and Operations Management	4
BBA502	Financial Management	4
BBA503	Economic Planning and policies	4
BBA504	Taxation Management	2
BBA505	Entrepreneurship Management	2
<b>Total Commutative Credits</b>		<b>80</b>
<b>FIFTH SEMESTER (Group II)</b>		
BBR501	Store Operations and Job Knowledge	4
BBR502	Logistics Management	4
BBR503	Buying	2
BBR504	Visual Merchandise	2
BBR505	Warehouse Management	4
<b>Total Commutative Credits</b>		<b>96</b>
<b>SIXTH SEMESTER (Group I)</b>		
BBA501	Technology Management	4
BBA502	Management Development and Skills	4
BBA503	Role of International Financial Institutions	4
BBA504	Project	4
<b>Total Commutative Credits</b>		<b>80</b>
<b>SIXTH SEMESTER (Group II)</b>		
BBR501	Modern Retail Management Process & Retail Services	4
BBR502	Retail Project Property Mgt. and Case Studies in Retail	4
BBR503	Merchandising and Supply Chain Management	4
BBR504	Project	4
<b>Total Commutative Credits</b>		<b>96</b>

# **Bachelor of Arts (B.A.) : History / Political Science / Economics**

**Sikkim Manipal University, Gangtok**

**OBJECTIVE :** To offer a comprehensive, in-depth look at your stream of choice. To familiarise you with different areas of the Arts and Humanities and enable you to chart your own career path in this vast field. To give you the confidence and the qualifications required to secure jobs in the market place.

**Career Prospectus :** • Civil services and other UPSC examinations • State level service commissions • Teaching - Primary School • Administrative/ General Office Manager.

**ELIGIBILITY :** 10+2 or equivalent in any discipline

**UNIVERSITY FEES :** Rs. 2,600/- per semester (inclusive of Examination fee of Rs. 600/- and Alumni fee of Rs. 100/-) or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

<b>FIRST SEMESTER</b>		
<b>Code</b>	<b>Subject Title</b>	<b>Credit</b>
BAC101	Functional English	4
BAC102	Foundations of Political Science	4
BAC103	Economic Theory	4
BAC104	History of India from earliest times up to 600 AD	4
<b>Total Commutative Credits</b>		<b>16</b>
<b>SECOND SEMESTER</b>		
BAC201	Foundation in Business and Commerce	4
BAC202	Political Thinkers	4
BAC203	Micro Economics	4
BAC204	History of India (Circa 750-1707)	4
<b>Total Commutative Credits</b>		<b>32</b>
<b>THIRD SEMESTER</b>		
BAC301	General English	4
BAC302	Political Theory	4
BAC303	Macro Economics	4
BAC304	History of India (from 1707-1947)	4
<b>Total Commutative Credits</b>		<b>48</b>
<b>FOURTH SEMESTER</b>		
BAC401	Foundation in Science & Technology	4
BAC402	Human Rights	4
BAC403	Indian Economy	4
BAC404	History of Modern Europe (1789-1945)	4
<b>Total Commutative Credits</b>		<b>64</b>

**ELECTIVES (Semester 5 & 6) : Choose any one Group**

**Group 1 : History (Semester 5 & 6) : Credits** 32

**Group 2 : Political Science (Semester 5 & 6) : Credits** 32

# Bachelor of Arts (B.A.) : History / Political Science

Electives (Semester 5 & 6) : Choose any one Group

GROUP I : HISTORY		
Sub-Code	Subject Title	Credit
<b>FIFTH SEMESTER</b>		
BAH501	Computer Awareness and Internet	4
BAH502	History of China and Japan (1840-1950)	4
BAH503	History of Major Non-Indian Civilizations of the world	4
BAH504	Socio-Economic and Cultural History of Ancient India	4
<b>Total Cumulative Credits</b>		<b>80</b>
<b>SIXTH SEMESTER</b>		
BAH601	General Studies and Aptitude	4
BAH602	Socio-Economic and Cultural History of Medieval India	4
BAH603	Socio-Economic and Cultural History of Modern India	4
BAH604	Women's Studies	4
<b>Total Cumulative Credits</b>		<b>96</b>

GROUP III : ECONOMICS		
Sub-Code	Subject Title	Credit
<b>FIFTH SEMESTER</b>		
BAO501	Economic Thought	4
BAO502	Money & Banking	4
BAO503	Basic Mathematics & Statistics for Economics	4
BAO504	Development and Environmental Economics	4
<b>Total Cumulative Credits</b>		<b>80</b>
<b>SIXTH SEMESTER</b>		
BAO601	Comprehensive Economic Development : Britain, Japan, China	4
BAO602	International Economics & Trade	4
BAO603	Public Finance	4
BAO604	Computer Applications in Economics and Research Methodology	4
<b>Total Cumulative Credits</b>		<b>96</b>

GROUP II : POLITICAL SCIENCE		
Sub-Code	Subject Title	Credit
<b>FIFTH SEMESTER</b>		
BAP501	Computer Awareness and Internet	4
BAP502	Indian Government and Politics	4
BAP503	Indian Public Administration	4
BAP504	Administrative Institutions and Local Administration in India	4
<b>Total Cumulative Credits</b>		<b>80</b>
<b>SIXTH SEMESTER</b>		
BAP601	General Studies and Aptitude	4
BAP602	Modern Political Thought	4
BAP603	Political Systems of the World	4
BAP604	International Relations	4
<b>Total Cumulative Credits</b>		<b>96</b>

# **Bachelor of Commerce (B.Com.)**

**Sikkim Manipal University, Gangtok**

**OBJECTIVE :** To provide a strong foundation in the functioning of business organisations and of various specialised operations such as Accounting, Finance, Capital Markets, by offering a comprehensive coverage of subjects. To develop, as much as possible, professional knowledge in Accounting, Finance, Taxation through compact study materials. To provide the opportunity for students to pursue professional studies like CA, ICWA, CS, CFA by including foundational courses in the curriculum.

**Career Prospectus :** • Commercial Assistant or Manager in manufacturing or trading firm • Staff selection Commission examination related to commerce and trade • Entry level jobs in Broking and Security Analysis firms • Entry level jobs in KPOs • Banking entrance examinations.

**ELIGIBILITY :** 10+2 or equivalent in any discipline

**UNIVERSITY FEES :** Rs. 2,600/- per semester (inclusive of Examination fee of Rs. 600/- and Alumni fee of Rs. 100/-) or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

<b>FIRST SEMESTER</b>		
<b>Code</b>	<b>Subject Title</b>	<b>Credit</b>
BCC101	Functional English	4
BCC102	Economic Theory	4
BCC103	Fundamental Accounting I	4
BCC104	Business Statistics	4
<b>Total Commutative Credits</b>		<b>16</b>
<b>SECOND SEMESTER</b>		
BCC201	Computer Awareness and Internet	4
BCC202	Business Organisation	4
BCC203	Fundamental Accounting II	4
BCC204	Business Maths.	4
<b>Total Commutative Credits</b>		<b>32</b>
<b>THIRD SEMESTER</b>		
BCC301	General English	4
BCC302	Business Law	4
BCC303	Money & Banking	4
BCC304	Entrepreneurship Development	4
<b>Total Commutative Credits</b>		<b>48</b>
<b>FOURTH SEMESTER</b>		
BCC401	Foundation in Science & Technology	4
BCC402	Corporate Accounting	4
BCC403	Economic Environment in India	4
BCC404	Taxation: Direct & Indirect	4
<b>Total Commutative Credits</b>		<b>64</b>
<b>FIFTH SEMESTER</b>		
BCC501	Business Communication	4
BCC502	Investment Options and Mutual Funds	4
BCC503	Cost Accounting	4
BCC504	Financial Markets	4
<b>Total Commutative Credits</b>		<b>80</b>
<b>SIXTH SEMESTER</b>		
BCC601	General Studies and Aptitude	4
BCC602	Principles and Practice of Auditing	4
BCC603	Management Accounting	4
BCC604	Corporate Finance	4
<b>Total Commutative Credits</b>		<b>96</b>

# Master of Computer Applications (MCA)

Sikkim Manipal University, Gangtok

**OBJECTIVE :** The course provides the students with knowledge and skills required to lead the IT industry. The program includes software management techniques, advanced operating systems, knowledge of legal issues involved etc.

**ELIGIBILITY :** 3 years graduation (any discipline) or equivalent from a recognised university.

**UNIVERSITY FEES :** Rs. 12,350/- per semester (for Semesters I & II) & Rs. 13,350/-per semester (for remaining semesters) inclusive of exam. fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 3 Years (6 Semesters)

**MAXIMUM DURATION :** 6 Years

## Provision for Lateral Entry to 2nd Semester\*

**Eligibility:** 3-year Graduation and 6-months Diploma in a Computer course from reputed institutions\*.

**Additional Fees:** In addition to the normal fees, an additional lateral entry fee of Rs. 5,800/- (including examination fees) is payable by the students.

**Note:** In this lateral entry scheme, students have to appear and pass the 1st semester examination. Books of 1st Semester will be supplied by the University. Internal assessment will be done at Learning Center.

## Provisions for Lateral Entry to 3rd Semester

**Eligibility:** • BCA / BSc (IT/CS) / BE in (Non-IT) / BTech (Non-IT) from a recognized University.

**Additional Fees:** In addition to the normal fees, an additional lateral entry fee of Rs. 6,300/- (including examination fees) is payable by the students.

**Note:** In this lateral entry scheme, students have to appear and pass the 2nd semester exam. Books of 2nd Semester will be supplied by the University. Internal assessment will be completed at Learning Center.

## Provisions for Direct Entry to 3rd Semester

**Eligibility:** • 3 year Graduation with a 1 year PG Diploma in IT/CA from a recognised university • BE (CS/IT), B.Tech (CS/IT) OR • DOEACC 'A' Level after Graduation.

**Additional Fees:** In addition to the normal fees, an additional direct entry fee of Rs. 6,300/- is payable by the students .

In Direct Entry Scheme, students are exempted from appearing in Examinations for all the previous Semesters.

FIRST SEMESTER		
Code	Subject Title	Credit
MC0061	Computer Programming "C Language"	4
MC0062	Digital Systems, Computer Organization & Architecture	4
MC0063	Discrete Mathematics	4
MC0064	Basic Web Development (Internet, HTML, Style Sheets & Basics of Multimedia)	4
MC0065	Financial Management & Accounting	4
<b>Total Cumulative Credits</b>		<b>20</b>
SECOND SEMESTER		
MC0066	OOPS using C++	4
MC0067	Database Management System (DBMS and Oracle 9i)	4
MC0068	Data Structures using C	4
MC0069	System Analysis & Design (SAD)	4
MC0070	Operating Systems with Unix	4
<b>Total Cumulative Credits</b>		<b>40</b>
THIRD SEMESTER		
MC0071	Software Engineering	4
MC0072	Computer Graphics	4
MC0073	System Programming	4
MC0074	Statistical & Numerical Methods using C++	4
MC0075	Computer Network	4
<b>Total Cumulative Credits</b>		<b>60</b>
FOURTH SEMESTER		
MC0076	Management Information Systems	4
MC0077	Advanced Database Systems	4
MC0078	Java Programming	4
MC0079	Computer Based Optimization Methods (Statistics / Applied OR)	4
MC0080	Analysis & Design of Algorithms	4
<b>Total Cumulative Credits</b>		<b>80</b>
FIFTH SEMESTER		
MC0081	.(DOT)Net Technologies	4
MC0082	Theory of Computer Science	4
MC0083	Object Oriented Analysis & Design using UML	4
MC0084	Software Project Mgt. & Quality Assurance	4
MC0085	Advanced Operating Systems (Distributed Systems)	4
<b>Total Cumulative Credits</b>		<b>100</b>
SIXTH SEMESTER		
MC0086	Digital Image Processing	4
MC0087	Internet working with TCP / IP	4
MC0088	Data Warehousing & Data Mining	4
MC0089	Project	8
<b>Total Cumulative Credits</b>		<b>120</b>

# Master of Science in Information Technology (MSc-IT)

## PG Diploma in Information Technology (PGD-IT)

Sikkim Manipal University, Gangtok

**OBJECTIVE :** MScIT/PGD-IT course provides the understanding and skills required for the use of computers in large industries. In view of the popularity of rapid application developers, students will be exposed to latest trends in programming.

**ELIGIBILITY :** 3 years graduation (any discipline) or equivalent from a recognised university.

**UNIVERSITY FEES :** Rs. 11,350/- per semester inclusive of examination fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 2 Years (4 Semesters)

**MAXIMUM DURATION :** 4 Years

### Provisions for Lateral Entry to the Second Semester\*

**Eligibility:** 3-year Graduation and six-months Diploma in a Computer course from reputed institutions\* OR BCA/B.Sc. (IT/CS/AIT) from a recognized University.

**Additional Fees:** In addition to the normal fees, an additional lateral entry fee of Rs. 5,300/- (including examination fees) is payable by student.

**Note:** In this lateral entry scheme, students have to appear and pass the first semester examination. Books of first semester will be supplied by the University and internal assessment will be completed at the learning Center.

### Provisions for Direct Entry to 3rd Semester

**Eligibility:** • 3 year Graduation with a 1 year PG Diploma in IT/CA from a recognised university OR BE (CS/IT), B.Tech (CS/IT) OR • DOEACC 'A' Level after Graduation.

**Additional Fees:** In addition to the normal fees, an additional direct entry fee of Rs. 5,300/- is payable by the student.

In Direct Entry Scheme, students are exempted from appearing in Examinations for all the previous Semesters.

\*Provision for Re-entry to Third Semester. Eligibility: PGD-IT of SMU.

FIRST SEMESTER		
Code	Subject Title	Credit
MIT101	Fundamental of IT & Programming	2
MIT102	Data & File Structure	4
MIT103	Object Oriented Programming	4
MIT104	Software Engineering	4
MIT105	Object Oriented Programming Practical	2
<b>Total Commutative Credits</b>		<b>16</b>

SECOND SEMESTER		
MIT201	Operating System	4
MIT202	Database Management System (DBMS)	4
MIT203	Analysis and Design of Algorithm	4
MIT204	Data Communication and Networking	4
MIT205	Mini Project	2
<b>Total Commutative Credits</b>		<b>34</b>

THIRD SEMESTER		
MIT301	Object Oriented Analysis and Design (OOAD)	4
MIT302	Web Technologies	4
MIT303	Elective 1	4
MIT304	Elective 2	4
MIT305	Web Technologies Lab	2
<b>Total Commutative Credits</b>		<b>52</b>

FOURTH SEMESTER		
MIT401	Data Warehousing and data Mining	4
MIT402	Elective 3	4
MIT403	Elective 4	4
MIT404	Project	8
<b>Total Commutative Credits</b>		<b>72</b>

### ELECTIVES

ELECTIVE I (Choose one)		
MIT3031	High Speed Networks	
MIT3032	Distributed Operating System	
MIT3033	Software Architecture	

ELECTIVE II (Choose one)		
MIT3041	Open Source System	
MIT3042	Embedded Systems	
MIT3043	Graphics and Multimedia Systems	

ELECTIVE III (Choose one)		
MIT4021	C# and .Net	
MIT4022	Network Security	
MIT4023	Real Time Operating System (RTOS)	
MIT4024	Customer Relationship Management	

ELECTIVE IV (Choose one)		
MIT4031	Advanced Software Engineering	
MIT4032	Cloud Computing	
MIT4033	Wireless and Mobile Communication	
MIT4034	Enterprise Resource Planning (ERP)	

# Master of Business Administration (MBA)

Sikkim Manipal University, Gangtok

**OBJECTIVE :** The program equips candidates with management skills, latest communication skills and legal issues required to effectively manage various departments of an organization, both at national & international levels.

**ELIGIBILITY :** 3 years graduation (any discipline) or equivalent from a recognised university.

**UNIVERSITY FEES :** Rs. 13,150/- per semester inclusive of examination fees and alumni fees or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 2 Years (4 Semesters)

**MAXIMUM DURATION :** 4 Years

## Provisions for Lateral Entry to the Second Semester of MBA (First Level)

**Eligibility:** (i) BBA/ BBM from a recognized university. OR  
(ii) 3-year Graduation with PGDBA from AICTE recognised institution OR  
(iii) 3-year Graduation with 6 months Management Diploma from an institution and minimum 1 year work experience thereafter, OR  
(iv) 3-year Graduation and minimum 3 years work experience thereafter.

**Additional Fees:** In addition to the normal fees, an additional lateral entry fee of Rs. 6,200/- (including examination fees) is payable by the student.

**Note:** In this lateral entry scheme, students have to appear and pass the first semester examination. Books of first semester will be supplied by the University and internal assessment will be completed at the respective learning Center.

**No provision for Direct Entry in MBA is available.**

FIRST SEMESTER		
Code	Subject Title	Credit
MB0038	Management Process and Organizational Behaviour	4
MB0039	Business Communication	4
MB0040	Statistics for Management	4
MB0041	Financial & Management Accounting	4
MB0042	Managerial Economics	4
MB0043	Human Resource Management	4
<b>Total Commutative Credits</b>		<b>24</b>
SECOND SEMESTER		
MB0044	Production & Operations Management	4
MB0045	Financial Management	4
MB0046	Marketing Management	4
MB0047	Management Information System	4
MB0048	Operations Research	4
MB0049	Project Management	4
<b>Total Commutative Credits</b>		<b>48</b>
THIRD SEMESTER		
MB0050	Research Methodology	4
MB0051	Legal Aspects of Business	4
	Four Subjects in area of Specialization (4 credits each)	16
	Projects**	
<b>Total Commutative Credits</b>		<b>72</b>
FOURTH SEMESTER		
MB0052	Strategic Management & Business Policy	4
MB0053	International Business Management	4
	Four Subjects in area of Specialization (4 credits each)	16
	Projects**	4
<b>Total Commutative Credits</b>		<b>100</b>

Please note that Specialization in Third and Fourth Semesters are available in:

- (i) Human Resource Management
- (ii) Marketing Management
- (iii) Finance Management
- (iv) Information Systems Management
- (v) Banking Management
- (vi) Retail Operations Management
- (vii) Operations Management
- (viii) Project Management, and
- (ix) Total Quality Management
- (x) International Business (New: details are awaited)

Please See Overleaf for details.

# Master of Business Administration (MBA)

SPECIALIZATION : THIRD SEMESTER		
Course	Title	Credit
<b>FINANCE MANAGEMENT</b>		
MF0010	Security Analysis & Portfolio Management	4
MF0011	Mergers & Acquisitions	4
MF0012	Taxation Management	4
MF0013	Internal Audit & Control	4
MF0014	Project**	
<b>MARKETING MANAGEMENT</b>		
MK0010	Sales, Distribution & Supply Chain Management	4
MK0011	Consumer Behaviour	4
MK0012	Retail Marketing	4
MK0013	Market Research	4
MK0014	Project**	
<b>HUMAN RESOURCE MANAGEMENT</b>		
MU0010	Manpower Planning & Re-sourcing	4
MU0011	Management & Organizational Development	4
MU0012	Employee Relations Management	4
MU0013	HR Audit	4
MU0014	Project**	
<b>INFORMATION SYSTEMS MANAGEMENT</b>		
MI0033	Software Engineering	4
MI0034	Database Management Systems (DBMS)	4
MI0035	Computer Networks	4
MI0036	Business Intelligence & Tools	4
MI0037	Project**	
<b>BANKING MANAGEMENT</b>		
MA0036	Financial Systems & Commercial Banking	4
MA0037	Banking Related Laws & Practices	4
MA0038	Banking Operations	4
MA0039	Retail Banking	4
MA0040	Project**	
<b>RETAIL OPERATIONS MANAGEMENT</b>		
ML0010	Warehousing & Supply Chain Management	4
ML0011	Buying & Merchandising	4
ML0012	Store Operations	4
ML0013	Retail IT Management	4
ML0014	Project**	
<b>OPERATIONS MANAGEMENT</b>		
OM0010	Operations Management	4
OM0011	Enterprise Resource Planning	4
OM0012	Supply Chain Management	4
OM0013	Advance Production and Operations Management	4
OM0014	Project**	
<b>PROJECT MANAGEMENT</b>		
PM0010	Introduction to Project Management	4
PM0011	Project Planning & Scheduling	4
PM0012	Project Finance & Budget	4
PM0013	Managing Human Resources in Projects	4
PM0014	Project**	
<b>TOTAL QUALITY MANAGEMENT</b>		
QM0010	Foundation of Quality Management	4
QM0011	Principles & Philosophies of Quality Management	4
QM0012	Statistical Process Control and Process Capability	4
QM0013	Quality Management Tools	4
QM0014	Project**	

SPECIALIZATION : FOURTH SEMESTER		
Code	Subject Title	Credit
<b>FINANCE MANAGEMENT</b>		
MF0015	International Financial Management	4
MF0016	Treasury Management	4
MF0017	Merchant Banking & Financial Services	4
MF0018	Insurance & Risk Management	4
MF0014	Project**	4
<b>MARKETING MANAGEMENT</b>		
MK0015	Services Marketing & Customer Relationship Mgt.	4
MK0016	Advertising Management & Sales Promotion	4
MK0017	e-Marketing	4
MK0018	International Marketing	4
MK0014	Project**	4
<b>HUMAN RESOURCE MANAGEMENT</b>		
MU0015	Compensation Benefits	4
MU0016	Performance Management & Appraisal	4
MU0017	Talent Management & Employee Retention	4
MU0018	Change Management	4
MU0014	Project**	4
<b>INFORMATION SYSTEMS MANAGEMENT</b>		
MI0038	ERM	4
M10039	e-Commerce	4
M10040	Technology Management	4
M10041	Supply Change Management & CRM	4
M10037	Project**	4
<b>BANKING MANAGEMENT</b>		
MA0041	Merchant Banking & Financial Services	4
MA0042	Treasury Management	4
MA0043	Corporate Banking	4
MA0044	Institutional Banking	4
MA0040	Project**	4
<b>RETAIL OPERATIONS MANAGEMENT</b>		
ML0015	Services Marketing & Customer Relationship Mgt.	4
ML0016	Advertising Management & Sales Promotion	4
ML0017	Mall Management	4
ML0018	Project Management	4
ML0014	Project**	4
<b>OPERATIONS MANAGEMENT</b>		
OM0015	Maintenance Management	4
OM0016	Quality Management	4
OM0017	Advanced Production Planning and Control	4
OM0018	Technology Management	4
OM0014	Project**	4
<b>PROJECT MANAGEMENT</b>		
PM0015	Quantitative Methods in Project Management	4
PM0016	Project Risk Management	4
PM0017	Project Quality Management	4
PM0018	Contracts Management in Projects	4
PM0014	Project**	4
<b>TOTAL QUALITY MANAGEMENT</b>		
QM0015	ISO / QS 9000 Elements	4
QM0016	Managing Quality in the Organization	4
QM0017	Quality Management Systems	4
QM0018	Quality Development Methods	4
QM0014	Project**	4

# ***Master of Arts (M.A.) : History***

**Sikkim Manipal University, Gangtok**

**OBJECTIVE :** To provide learning with easy to understand study material that strengthens the fundamentals of your subjects. To give you the skills required to enter the job market with confidence.

**Career Prospectus :** • Civil services and other UPSC examinations • State level service commissions • Teaching • Administrative/General Office Manager • **Research Studies.**

**ELIGIBILITY :** 3-years graduation.

**UNIVERSITY FEES :** Rs. 3,100/- per semester (inclusive of Examination fee of Rs. 600/- and Alumni fee of Rs. 100/-) or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 2 Years (4 Semesters)

**MAXIMUM DURATION :** 4 Years

## **FIRST SEMESTER**

<b>Code</b>	<b>Subject Title</b>	<b>Credit</b>
MAH101	History : Its Theory and Methods	4
MAH102	Political History of India up to AD 1000	4
MAH103	Cultural Heritage of India up to 1707	4
MAH104	Economic History of Modern India (1757-1947)	4
<b>Total Commutative Credits</b>		<b>16</b>

## **SECOND SEMESTER**

MAH201	India under Delhi Sultanate (1206-1526)	4
MAH202	History of India under Mughals (1526-1761)	4
MAH203	Indian Art and Architecture	4
MAH204	Twentieth Century World (till 1914)	4
<b>Total Commutative Credits</b>		<b>32</b>

## **THIRD SEMESTER**

MAH301	Research Methodology	4
MAH302	History of Freedom Movement in India (1857-1947)	4
MAH303	Religious and Social Movements in India	4
MAH304	History of Science and Technology in India and the West	4
<b>Total Commutative Credits</b>		<b>48</b>

## **FOURTH SEMESTER**

MAH401	Twentieth Century World (1919-2000)	4
MAH402	Contemporary History of India since 1947	4
MAH403	India and her Neighbours	4
MAH404	History of USA (1900-2000)	4
<b>Total Commutative Credits</b>		<b>64</b>

# **Master of Arts (M.A.) : Political Science**

**Sikkim Manipal University, Gangtok**

**OBJECTIVE :** To provide learning with easy to understand study material that strengthens the fundamentals of your subjects. To give you the skills required to enter the job market with confidence.

**Career Prospectus :** • Civil services and other UPSC examinations • State level service commissions • Teaching • Administrative/General Office Manager • **Research Studies.**

**ELIGIBILITY :** 3-years graduation.

**UNIVERSITY FEES :** Rs. 3,100/- per semester (inclusive of Examination fee of Rs. 600/- and Alumni fee of Rs. 100/-) or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 2 Years (4 Semesters)

**MAXIMUM DURATION :** 4 Years

<b>FIRST SEMESTER</b>		
<b>Code</b>	<b>Subject Title</b>	<b>Credit</b>
MAP101	Theories and Approaches to Political Science	4
MAP102	Western Political Thought	4
MAP103	Public Administration	4
MAP104	Socio-Economic Development of Indian Political System	4
<b>Total Commutative Credits</b>		<b>16</b>
<b>SECOND SEMESTER</b>		
MAP201	Political Processes in Indian Political System	4
MAP202	Indian Political Thought	4
MAP203	Comparative Politics and Governments	4
MAP204	Indian Administration	4
<b>Total Commutative Credits</b>		<b>32</b>
<b>THIRD SEMESTER</b>		
MAP301	Research Methodology	4
MAP302	Public Policy and Processes in India	4
MAP303	Political Sociology	4
MAP304	Politics in India	4
<b>Total Commutative Credits</b>		<b>48</b>
<b>FOURTH SEMESTER</b>		
MAP401	Political Economy	4
MAP402	India's Foreign Policy	4
MAP403	Dynamics of International Politics	4
MAP404	Human Rights	4
<b>Total Commutative Credits</b>		<b>64</b>

# **Master of Commerce (M.Com.)**

**Sikkim Manipal University, Gangtok**

**OBJECTIVE :** Provide continuity in higher education for undergraduates in the commerce stream. Enable professional to enhance their career. Create opportunities to pursue higher studies like Ph.D. after post-graduate.

**Career Prospectus :**

- Commercial Assistant or Manager in a manufacturing or trading firm
- Staff selection Commission Examinations related to commerce and trade
- Entry level jobs in Broking and Security Analysis firms.

**ELIGIBILITY :** 3-years graduation.

**UNIVERSITY FEES :** Rs. 3,100/- per semester (inclusive of Examination fee of Rs. 600/- and Alumni fee of Rs. 100/-) or as revised from time to time.

**UNIVERSITY CENTRE FEES :** Rs. 6,500/- per semester.

**MINIMUM DURATION :** 2 Years (4 Semesters)

**MAXIMUM DURATION :** 4 Years

## **FIRST SEMESTER**

<b>Code</b>	<b>Subject Title</b>	<b>Credit</b>
MCC101	Advanced Financial Accounting	4
MCC102	Management Concepts and Organizational Behaviour	4
MCC103	Corporate Financial Management	4
MCC104	Economics for Managers	4
<b>Total Commutative Credits</b>		<b>16</b>

## **SECOND SEMESTER**

MCC201	Quantitative Techniques	4
MCC202	Advanced Cost Accounting	4
MCC203	International Business	4
MCC204	E-Business	4
<b>Total Commutative Credits</b>		<b>32</b>

## **THIRD SEMESTER**

MCC301	Research Methodology	4
MCC302	Strategic Management	4
MCC303	Security Analysis and Portfolio Management	4
MCC304	Management Accounting	4
<b>Total Commutative Credits</b>		<b>48</b>

## **FOURTH SEMESTER**

MCC401	Management of Financial Services	4
MCC402	Direct Taxes - Law and Practice	4
MCC403	Management Information System	4
MCC404	Investment Management	4
<b>Total Commutative Credits</b>		<b>64</b>

# DOEACC Courses

Fully Accredited Centre under Ministry of Communication & Information Technology, Govt. of India

Accreditation No. 'O' - 1459, 'A' - 0473  
Full No. 'O' - 0455, 'A' - 0170

## What is DOEACC ?

DOEACC stands for Department of Electronics Accreditation of Computer Courses. It is an autonomous body of Deptt. of Information Technology, Ministry of Communications & IT, Govt. of India.

## What courses does it offer?

- 'O' - Foundation Level Course
- 'A' - Advance Diploma Course
- 'B' - Course equivalent to MCA
- 'C' - Course equivalent to M.Tech.

## What is its Recognition?

DOEACC 'O' and 'A' Level qualifications have been recognized by the Government of India. AICTE has announced the recognition of the 'B' Level qualification as equivalent to MCA.

DOEACC qualifiers are given recognition abroad also in countries like USA, Singapore and Japan.

## DOEACC's Highlights

- ☉ More than 850 institutes are conducting DOEACC accredited courses.
- ☉ Regular upgradation of course material.
- ☉ Syllabus is designed and regularly updated by leading academicians & IT professionals.
- ☉ Examinations conducted nationwide by an autonomous Examination Board.
- ☉ O, A & B Levels are recognised by the Govt. of India for the purpose of Employment in Govt. departments, PSU's and MNCs.
- ☉ Course Curriculum continuously monitored and amended by experienced IT Professionals.

## DOEACC 'O' Level Course

- ▶▶ **Duration:** 1 Year
- ▶▶ **Classes:** Monday to Saturday (2 to 4 hours)
- ▶▶ **Fees:** Rs. 12,500/- including Registration Fee (Rs. 3,500/- per paper). Examination Fee is extra.

## 4th Revised Syllabus

- ▶▶ **M1-R4/A1-R4** I.T. Tools and Business Systems
- ▶▶ **M2-R4/A2-R4** Internet Technology and Web Design
- ▶▶ **M3-R4/A3-R4** Programming and Problem Solving through C
- ▶▶ **M4-R4** Elective (One module is to be chosen)
  - M4.1-R4** Application of .NET Technology
  - M4.2-R4** Introduction to Multimedia
  - M4.3-R4** Introduction to ICT Resources
- ▶▶ Practical Test
- ▶▶ Project

## DOEACC 'A' Level Course

- ▶▶ **Duration:** 1 year / 2 years
- ▶▶ **Classes:** Monday to Saturday (4 hours)
- ▶▶ **Fee:** Rs. 25,500/- including Registration Fee (Rs. 3,500/- per paper). Examination Fee will be extra (as applicable).  
Fee will be Rs. 17,500/- for candidates who have already cleared 'O' level qualification. Examination fee will be applicable extra.

## 4th Revised Syllabus

- ▶▶ **A1-R4** I.T. Tools and Business Systems
- ▶▶ **A2-R4** Internet Technology and Web design
- ▶▶ **A3-R4** Programming and Problem Solving through C
- ▶▶ **A4-R4** Computer System Architecture
- ▶▶ **A5-R4** Structured System Analysis and Design
- ▶▶ **A6-R4** Data Structure through C++
- ▶▶ **A7-R4** Introduction to DBMS
- ▶▶ **A8-R4** Basics of OS, Unix and Shell Programming
- ▶▶ **A9-R4** Data Communication and Network Technologies
- ▶▶ **A10-R4** Elective (One Elective to be chosen)
  - A10.1-R4** Introduction to Object Oriented Programming through JAVA
  - A10.2-R4** Software Testing and Quality Management
- ▶▶ Practical Test
- ▶▶ Project

## PRE-REQUISITES FOR 'O' & 'A' LEVEL

- ☉ Applicant must be an Indian citizen.
- ☉ Applicant must be 10+2/ITI (One year after Class X)
- ☉ For 'A' level applicant must be a graduate on in the final year of graduation.

## DOCUMENTS REQUIRED AT THE TIME OF ADMISSION

- ☉ Proof of Date of Birth (Issued in Class X by the Board)
- ☉ Intermediate/ +2 Marksheet.
- ☉ Graduation Marksheet (For 'A' Level)
- ☉ Students in Final Year Graduation must submit proof issued from their college.
- ☉ 3 passport size B/W photographs.
- ☉ For Scholarship submit appropriate certificate issued by competent authority.
- ☉ All photocopies of the required documents must be attested by a Gazetted Officer/Principal of the institution studying in.

## Our Achievements

- Academic Calendar strictly maintained for all sessions. All necessary information is provided to students through our Newsletter 'Cybo@News' and website 'www.cybotechcampus.com' on regular basis.
- Broad Band - Wi- Fi, Connection for Internet across the Labs.
- Canteen running - with Good Snacks and coffee.
- Convocation held for the first time at centre level in presence of SMU Representative and Cabinet Ministers of the state Govt. at a gala function at Bhartiya Nritya Kala Mandir, Patna and at University Level students of the Centre were called for 8th Convocation in which our students participated at University Campus at Gangtok. The Function was Graced by His Excellency Governor and Chancellor Balmiki Prasad Singh and VC Dr. K.Jay Kumar.
- Cybotians were given opportunity to participate and interact in NLP [Neuro Linguistic Programme] Seminar Conducted By Chief Co-ordinator of NHRD, Patna Chapter.
- Delivering our responsibility towards Society - AIDS Awareness Prog. In association with Lions Clubs International for last nine consecutive years. Also held very successful Blood Donation Camps for last eight consecutive years. This years collection ws 232 units of blood.
- First time "Compu- Fest" was organized in campus, so that Cybotians can know and purchase New Books and Hardware- software of different Publishers/brands with both Down payment-Discout and Installment Options.
- Good Placement Record. E.g IBM, Nestle India, Jet Airways, ICICI Bank, Reliance, Airtel, Kyocerra, C-DAC, HP, India Prepaid, Accenture, Religare, SRL- Ranbaxy, Tech- Mahindra to name few, inspite of Global Recession.
- Full Accreditation for DOEACC Courses with "A+" Rating.
- New Blocks and New Lab was set as an infrastructure growth with new facilities.
- Presentation Programme within the batches held & the Parents-Teachers interaction possible with all data kept on finger tips with Computersied Database, More than 25 % Parents Interacted with us on different dates. Regular Visit of SMU and DOEACC Officials and appreciating our TQM [Total Quality Management
- Recent books in Library with IT Magazine, Monthly NEWS Letter.
- Regular monitoring of students' academic progress with internal class tests/examinations.
- Achieved TOP ranking at Bihar State Level and Fifth All India Ranking as far admission is concerned in SMU. One of Best Result for February 2011 Examinations in SMU.
- Students got an option to open a saving account with ATM facility with a Nationalised Bank for the first time well within the Campus.
- Timely distribution of books/leaning material and bags etc.
- Timely compilation of Syllabus.
- Use of Guest Faculty - Classes held on Sundays, if necessary.
- Vaccination Prog. Planned for making Cybotech Campus Hepatitis & Typhoid Free as held regularly in past.



Seminars & Workshops



Blood Donation Camp



Campaign against AIDS

# Placement Policy

- ▶ Campus Recruitment Programme conducted by the college is a vital activity for the students aspiring for appropriate placement in reputed organizations. We believe that a close interaction between the PLACEMENT CELL and company executives will create excellent placement record.
- ▶ The Objective of the PLACEMENT CELL is to provide job to each student (In Full Time/Full Time Contractual Mode/ Part Time/ Project Based Mode). Campus recruitment is meant only for the Final Year Students (and the pass out students, if they are eligible). It's mandatory to submit your details/CV complete as per the guidelines set by the PLACEMENT CELL.
- ▶ Students who have minimum attendance of 75% are eligible to sit in campus interviews and the student has to attend all pre-placement counseling session and mock test.
- ▶ Students should submit their latest Information/CV to the respective coordinators in Hard Copy/soft copy as and when demanded by the PLACEMENT CELL or should upload the same to the official website at [www.cybotechcampus.com](http://www.cybotechcampus.com). The resume file should be in .doc file and name of the file should contain their Course-Semester- Batch- Univ. Roll Number-Full name & photograph in .jpg format. If uploading or giving in soft copy, submit with this extension (e.g. 520781741\_sandeep.doc). No other formats will be accepted.
- ▶ Student can appear in all the interviews till the time he/she gets selected. Once selected in a particular company, he/she has to join the same and put in minimum six months with that organization & cannot appear for further campus interviews.
- ▶ The students should maintain punctuality for all placement drives.
- ▶ If a student gets offer from more than one company, then he/she must inform the companies about the job offer he/she wishes to accept, through the PLACEMENT CELL before completing his/her studies.
- ▶ The policy is subject to change at a later stage at the discretion of the PLACEMENT CELL. The changes made, if any, at a later stage will be notified to all concerned.
- ▶ If a student does not get a Job within three months of their passing of final semester, he/she may apply for off campus recruitment after notifying the PLACEMENT CELL.

## ***Scope of Career Opportunities for IT and Computer Science students :***

- Application Programmers • System Programmers • System Analyst
- Network Administrator • Database Administrator • Web Designer
- Software Engineer . . . etc . . .

## ***Scope of Career Opportunities for Management students :***

- Brand Manager • Marketing Manager • Finance Manager
- Bank Executive • Retail Operations Manager • Operations Manager
- Project Manager • Quality Control Manager • Administrator . . . etc . . .

## **List of corporate, where Cybotians are placed**

- ABN Amro Bank
- Accenture
- Adventity
- Aircel
- Airtel
- Ansoft Tech. Pvt. Ltd.
- Bajaj Allianz Ltd.
- Bhushan Steel Ltd.
- Birlasoft
- Camlin India Pvt. Ltd.
- CDAC, New Delhi
- Coca-Cola
- First Flight
- Gillete India Ltd.
- Gresha Services
- Hewlett- Packard Globalsoft Ltd.
- Hippolin
- Hubnet Solution
- IBM India
- ICICI Bank
- ICICI Prudential
- India Prepaid
- Indian Institute Of Astrophysics
- Iris Software
- Jet Airways
- Kyocerra
- Leo Garment
- LIC India
- Mahindra Software India Ltd.
- Mind Mill Software
- NCR, Hyderabad
- Nestle India
- PCS Bangalore
- PCS, Noida
- Peobrics, Kolkata
- PIL, Singapore
- Reliance Infocom Ltd.
- Religare
- Sahara TV
- SAMSUNG India Ltd.
- Smart Chip India Ltd.
- State Bank of India
- Tata Indicom
- TCS
- TT India
- WIPRO
- Wipro Spectramind

..... and many more MNCs

# COUNSELOR'S NOTES



## DOCUMENTS REQUIRED

1. Proof of Date of Birth (Issued in Class X by the Board)
2. Intermediate/+2 Marksheet.
3. Graduation Marksheet and Provisional/Degree Certificate
4. Other Qualifying Certificates
5. School Leaving/Migration Certificate
6. Students in Final Year Graduation awaiting results must submit proof issued from their college.
7. 2 passport size photographs (Colour).
8. For Scholarship submit appropriate certificate issued by competent authority.
9. All photocopies of the required documents must be attested by a Gazetted Officer/Principal of the institution studied.

## Why join Cybotech Campus..

- ▶ The only centre in Bihar with highly experienced, qualified and certified faculty.
- ▶ State-of-the-art lab and classrooms with latest computers.
- ▶ Ultra-modern and sophisticated multimedia teaching aids.
- ▶ Exhaustive project experience in real time with unlimited access on computers.
- ▶ Fully loaded infrastructure with well-stocked centrally airconditioned library/reading room.
- ▶ Free personality development modules, seminars, various on-campus activities & workshops.
- ▶ Constant upgradation of academic and infrastructural facilities.
- ▶ Excellent campus placement record.
- ▶ Programme structure and courseware developed by qualified IT professionals according to latest industry trends.
- ▶ Strict adherence to University and DOEACC quality standards.

Upcoming  
headquarters of  
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