



Andhra University, India * Memorandum of Cooperation * Blekinge Institute of Technology, Sweden



STUDY IN INDIA AND SWEDEN



Admissions for 4th Batch (2010-2011)

Blekinge Institute of Technology (BTH) is the most profiled modern university focused on applied Information Technology, Telecommunication and Sustainability Development in Industry and Society.

- *Established by Government of Sweden.*
- *No 1 in Post Graduate Education in Sweden – Mirror on Post Graduate Education, Swedish National Agency for Higher Education*
- *Full individual member of European University Association.*
- *Campus in three cities, Karlskrona, Ronneby and Karlsham*
- *Medium of Instruction is completely in English.*
- *A part of Telecom City, Soft Centre and Netport which are innovative clusters of Swedish Industries like Ericsson, UiQ etc.*
- *The largest human resource provider for the international companies and Swedish Companies of the region*
- *Hosts Prestigious European Masters Program in Software Engineering under Erasmus Mundas Programme Project Initiated by European Commission.*
- *International Environment- The students, together with staff, represent around 40 different Countries.*

Andhra University is a premier institute of higher education in India with strong academic and research profile was established in 1926. Andhra University College of Engineering, Visakhapatnam is the campus college of university. The Andhra University College of Engineering graded along with Andhra University awarded a rating of A+ by National Assessment & Accreditation Council (NAAC).

1) MASTER'S PROGRAM IN SIGNAL PROCESSING

M.Tech in Signal Processing by AU, India and Master of Science in Electrical Engineering with emphasis in Signal Processing, BTH, Sweden

2) MASTER'S PROGRAM IN SOFTWARE ENGINEERING

M.Tech in Software Engineering by AU, India and Master of Science in Software Engineering by BTH, Sweden or, With Specialization in Software Development / Technical Management / Business Management

3) MASTER'S PROGRAM IN TELECOMMUNICATION SYSTEMS

M.Tech in Telecommunication Systems by AU, India and Master of Science in Electrical Engineering with emphasis in Telecommunication Systems by BTH, Sweden

ADMISSION INFORMATION

I. GENERAL

1. Double Degree (Masters) Program (DDP) is designed for the advantage of Student Community through which students can acquire M.Tech degree from AU and M.Sc degree from Blekinge Institute of Technology, Sweden. This Masters degree is recognized in India through AU and in Europe through Blekinge Institute of Technology, Sweden and globally through AU and BTH. This program enhances the career prospects of the students in a better way both in India and abroad.

2. Applications for admission into M.Tech / M.Sc - Signal Processing / Software Engineering/ Telecommunication Systems under DDP will be processed jointly by Andhra University and Blekinge Institute of Technology.

3. There will be no provision for students to discontinue the studies in the middle of the program and claim alternative degree.

4. All Admissions are purely provisional and the university reserves the right to cancel the admission at any stage.

4. ELIGIBILITY REQUIREMENTS

a) Signal Processing :- BE/BTECH in ECE, Instrumentation / MSc – Instrumentation or Equivalent.

b) Software Engineering :- BE/BTECH - CSE / IT / MSc – Computer Science, Masters of Computer Applications or Equivalent.

c) Telecommunication Systems: - BE/B.TECH – ECE, CSE, IT, MSc – Electronics, Masters of Computer Applications or Equivalent.

(55% marks in qualifying examination minimum requirement for admission)

5. ENGLISH LANGUAGE REQUIREMENTS

Education in "English" as medium of instruction from secondary (10th Class) and Intermediate level (10+2) to the university level.

6. STRUCTURE OF PROGRAM

The program is structured in 4 semesters (24 months) in such a way that, student pursue their education both in India and Sweden.

The course study will be one semester in AU, India and two semesters in BTH, Sweden, One Semester Project work is optional (Preferably at Sweden). Students are recommended to do Master's thesis in Sweden.

7. FEES STRUCTURE

Rs. 150000 /- Only for the entire program.

8. VISA REQUIREMENTS

There will be no tuition fee charged at Blekinge Institute of Technology, Sweden for their period of study at Sweden under Memorandum of Cooperation (MoC) with AU. Students should be able to fund their living expenses only for the stay at Sweden. Students should be able to show a minimum financial requirement of SEK 7300 per month for the entire planned study period. Documentation certifying one's own must be provided at the time of applying visa. (For 12 months--- SEK 87600 approximately equivalent to Rs 600000 & For 18months - SEK 131400 approximately equivalent to Rs 900000 is financial requirement as per the rules of Swedish Migration Board). For further details check www.migrationsverket.se

NOTE :- Students are responsible to show the required financial proofs to the migration authorities while applying for student permit (VISA). BTH or AU will be no where responsible for the visa rejections caused on the grounds of insufficient financial funds/statements in front of Migration Board.

9. HOW TO APPLY

Candidates are required to download application form from the website www.andhrauniversity.info/dao/index.html. The duly filled in application with 2 sets of all the enclosures should reach the **Director, Directorate of Admissions, Vijayanagar Palace, Pedha Waltiar, Lawsons Bay Post, Visakhapatnam – 5300017 by post or in person before 5.00 p.m on 31st July, 2010.**

Applications received after 31st July 2010 will not be accepted. Office of the Directorate of Admissions will not be responsible for the non-receipt or late receipt of applications sent by Post / Courier. Incomplete applications are liable to be summarily rejected.

10. LIST OF DOCUMENTS TO ATTACH WITH THE APPLICATIONS

- Attested copies of secondary education (10th Class) certificate.
- Attested copies of higher secondary education (10+2 Class) certificate.
- Attested copies of qualifying examinations (B.Tech / B.Engg ..etc) degree certificate.
- Attested copies of consolidated marks memo of B.Tech / B.Engg.
- Affidavit Stating that the applicant is capable enough to fund the financial requirement (6 lakhs for 2 semester and for 9 lakhs for 3 semester) in order to pursue education in Sweden.
- Copies of 1,2,3,4 and last pages of passport.
- DD of Rs1000 from any nationalised bank in favour of Director, Directorate of Admissions, Andhra University, Visakhapatnam.

11. IMPORTANT DATES

Last date for Applications Submission: - **31th July 2010 by 5.00 pm**

Date of Counselling for students: - **11th August, 2010 at 9.00 am.**

Commencement of 1st Semester Class work at AU: - **16th August, 2010.**

Note :- Candidates applied earlier need not apply again. All eligible candidates who fulfil the admission criteria as per information brochure can attend the admission counselling scheduled on 11-08-2010 at 9.00 A.M. The number of candidates called for interview is generally 5 to 10 times the number of seats available.

For further information, you may contact

1. Prof.O.AnielKumar

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Andhra University,
Vijayanagar Palace,
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2. Mr. Velpula Gurudutt Kumar

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3. Dr. K.Vishwanath

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PROGRAM INFORMATION



I) M.Tech in Signal Processing AU, India and M.Sc in Electrical Engineering with Emphasis in Signal Processing by Blekinge Institute of Technology, Sweden.

The master's programme provides a quality education along with the potential to work with advanced technology in Industry and research. The branch emphasizing signal processing is mainly focused on adaptive and acoustic signal processing. Industrial applications such as noise and vibration control, speech coding, speech enhancement, image processing, etc. are emphasized.

II) M.Tech in Software Engineering by AU, India and M.Sc in Software Engineering by Blekinge Institute of Technology, Sweden

Many products today contain software, even in areas and applications where it is not visible at a first glance. Even domains that have historically been hardware domains are now shifting towards software-intensive products. There is thus an increasing need for professional software engineers. A professional software engineer is to develop software according to a certain specification, with a specific quality, on time, and on budget.

This need is recognised by the Master's Program in Software Engineering at the Blekinge Institute of Technology, one of the oldest and well renowned master's educations in software engineering in Sweden and the AU university, India one of the modern and high profiled university with strong research group in Software Engineering. Accordingly, we focus our education on teaching professionalism and realism.

Professionalism means not only that we teach an engineering approach to difficult subjects such as project management, quality management, requirements engineering, and verification and validation, but also more technical orientation in courses such as systems engineering, software architectures, and software product lines. Realism means that we train our students for a reality dealing with large scale market-driven software development, where things are not always done by the book.

We put high demands on our students, and expect them to be able to relate their own experiences to state-of-the-art research and literature, as well as current industry practice. We mix lectures where the students are expected to be active with seminars, assignments, industry case studies, and a critical reviewer of others' work. The teaching staff consists of active researchers and industry practitioners, which ensures the goals of professionalism and realism, but also that of relevance.

The Master's program consists of advanced courses, primarily directed towards 'real' software engineering. **The courses are classified in three different tracks:**

- **Software Development**
- **Technical Management**
- **Business Management**

Master's Thesis, Research Methodology, Requirements Engineering and Verification and Validation are mandatory courses. In addition to these, we have a wide range of software engineering and computer science courses to select from in order to justify your specialisation

III) M.Tech in Telecommunication Systems AU, India and M.Sc in Electrical Engineering with Emphasis in Telecommunication Systems by Blekinge Institute of Technology, Sweden.

The branch emphasizing Telecommunication systems is mainly focused on networking issues related to the Internet. Important protocols, System evaluation methods as well as current trends and problems in the context of Mobile and Broadband communications including safety issues are discussed. Example of important courses: Modern Techniques of Networking, Mobile Services, Network Security, Network Management, Simulation, Wireless Personal Area Networks, Telecommunication Systems, Software Development for Telecommunication Systems and etc..





Double Degree Program Students successfully pursuing in Sweden.



SWEDEN
"Home of the Nobel Prize"

- ♣ Sweden is situated in Northern Europe.
- ♣ Full member of the European Union with population of 9million.
- ♣ Stockholm is the capital City, with 1.5 million inhabitant
- ♣ Sweden ranked number one among the 30 OECD Countries in terms of research publications per capita.
- ♣ Sweden is leading country in Europe in terms of research investment as a percentage of GNP
- ♣ IT and Biomedicine are two of the knowledge - intensive sectors in which Sweden as been leader for many years.
- ♣ Ericsson, Volvo, Electrolux etc are leading Swedish Companies.
- ♣ Sweden- Known for Mobile Technology Revolution
- ♣ Most of Swedes speak English
 - Sweden is the 2nd most developed country in the world for Information Communication and Technology -A report (2006) by the World Economic Forum, in cooperation with INSEAD.
 - Sweden is the 3rd most competitive country in the world - World Economic Forum.
 - Sweden has the 4th most innovative economy in the world - Economist Intelligence Unit.
 - Sweden is the 5th best country in the world to live in The Human Development Index- UN, ranks nations according to their citizens' quality of life.



BTH is integral part of Telecomcity(Karlskrona Campus), Netport (Karlshamn Campus) and SoftCenter(Ronneby Campus) are innovative clusters of Companies. Campuses are located where innovative clusters are present.
www.telecomcity.org, www.softcenter.se, www.netport.se



DOUBLE DEGREE MASTER'S PROGRAM

ANDHRA UNIVERSITY
 Double Degree (Master's) Program 2009
ANDHRA UNIVERSITY
 VISAKHAPATNAM, ANDHRA PRADESH, INDIA
BLEKINGE INSTITUTE OF TECHNOLOGY
 KARLSKRONA, SWEDEN



APPLICATION FORM

Registration No

General instructions: Applicants should fill in this form **completely** and send it along with DD of Rs.1000 in favour of Director, Directorate of Admissions, Andhra University, Visakhapatnam with 2 sets of all enclosures to the following address (kindly write name and code of program opted on the envelope).

Director, Directorate Of Admissions,
Andhra University,
Vijayanagar Palace,
Pedha Waltair,
Visakhapatnam - 5300017
Andhra Pradesh

Affix your latest photo

1) PROGRAM OPTED

Instructions: The applicants should put Tick (π) mark against the program applied.

- M.Tech / M.Sc IN SOFTWARE ENGINEERING (Program Code: AUDDMPSE 10)
- M.Tech / M.Sc IN SIGNAL PROCESSING (Program Code: AUDDMPSP 10)
- M.Tech / M.Sc IN TELECOMMUNICATION SYSTEMS (Program Code: AUDDMPTS 10)

Demand Draft Details		
Name of the Bank	DD Number	Date Of Issue

2) BASIC INFORMATION

Instructions: Make sure you provide ALL requested data

Family name:			
First name:			
Date of birth (dd/mm/yyyy):			Gender: Male / Female
Nationality			
Address for Communication	Name:		
	Door Number:		
	City/Town		
	PinCode		
	State/Province:		
	Country:		
Phone: Mobile :	Email:		
Passport Details:	Passport Number :	Date/Place of Issue:	
	If not acquired	Expected date to provide the document:	

SPACE FOR UNIVERSITY USE (Students Should not fill this Space) –

3) EDUCATIONAL BACKGROUND

	Name of Examination	Name of the University/Board	Month/ Year of Passing	Medium of Instruction	Division Secured and Percentage Secured(From all Semesters)
Degree (B.Tech /B.E or Equivalent etc..)					
Specialisation					
Higher Secondary/ Intermediate (10+2)					
Secondary (10 th)					
Others					

4) PROFICIENCY IN ENGLISH LANGUAGE

Education taken in English	Number of Years
School Education	
+ 2 Level (Intermediate)	
University Studies	
Others	

5) LIST OF DOCUMENTS TO BE ENCLOSED

- Attested copies of Secondary Education (10 th class) Certificate.
- Attested copies of Higher Secondary Education (10 +2) Certificate.
- Attested copies of qualifying examinations (B.Tech / B.Engg ..etc) degree Certificate.
- Attested copies of consolidated Marks Memo of B.Tech/B.Engg.
- Copies of 1,2,3 and last pages of Passport.
- Affidavit stating the financial ability to pursue Studies at Sweden
(*Rs 6 lakhs for 2 semester (12 months) and Rs 9 lakhs for 3 semester(18months) study*)
- DD of Rs1000 from any nationalised bank in favour of Director, Directorate of Admissions, Andhra University, Visakhapatnam .

6) SWORN STATEMENT

I declare that all statements made in this form are true and complete. I understand that untrue statements may cause exclusion from the program. I have required financial ability to cover my living expenses for period of my stay in Sweden.

SIGNATURE:

NAME:

DATE:

PLACE: