

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

(Estd. by. Govt. of A.P. Act No. 30 of 2008)

Ananthapuramu- 515002 (A.P.), India.



## JNTU ANANTAPUR IN COLLABORATION WITH BLEKINGE INSTITUTE OF TECHNOLOGY (BTH), SWEDEN

4-YEAR B.TECH ENGINEERING PROGRAMME

(3 YEARS AT JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) AND 1 YEAR AT  
BTH, SWEDEN)

### STUDY IN INDIA AND SWEDEN, EUROPE

#### ADMISSION BOOKLET – 2021 – 22

**Jawaharlal Nehru Technological University Anantapur (JNTUA)** has been providing international collaboration degree programs. The University is recognized by University Grants Commission under section 12 (B) of UGC act 1956, in 2010. The constituent college JNTUA College of Engineering (Autonomous) was started in 1946 and has got NBA 3<sup>rd</sup> cycle.

**Blekinge Institute of Technology (BTH)**<sup>1</sup> is the most profiled modern university established by Government of Sweden. BTH is profiled in digitalization and innovation. BTH is ranked 2<sup>nd</sup> in the world and first within the EU in the area of software engineering research<sup>2</sup>. There are some 70 nationalities represented on faculty level and among the students at BTH. This gives a truly international environment. Campus in two cities, Karlskrona and Karlshamn. BTH is ranked among Top 25 in the world in international orientation – student mobility activities<sup>3</sup>. Swedish Higher Education is ranked no.5 among the best higher education systems in the world<sup>4</sup>. Sweden is one of the world's most innovative nations, and it has been called the most digitally connected economy. The Swedish government invests a higher proportion of GDP in R&D than most other nations. Sweden is one of the safest and happiest nations in the world.

#### Offered branches and Intake\*:

**B.TECH: MECHANICAL ENGINEERING (Intake-10 Seats)**

**B.TECH: ELECTRONICS AND COMMUNICATIONS ENGINEERING (Intake-10 Seats)**

**B.TECH: COMPUTER SCIENCE AND ENGINEERING (Intake-10 Seats)**

\*inclusive of FN/ NRI/ PIO quota.

**Mode of study and award of degree:** The admitted students will study mandatory 3 years education at JNTUA College of Engineering (Autonomous) and one year education at

<sup>1</sup><https://www.bth.se/eng/about-bth/facts-and-figures/>

<sup>2</sup><https://www.bth.se/eng/news/bth-research-is-world-class-ranked-second-in-the-world-and-number-one-in-europe/>

<sup>3</sup><https://www.umultirank.org/university-rankings/top-performing-universities/2021/>

<sup>4</sup><http://www.universitas21.com/article/projects/details/152/u21-ranking-of-national-higher-education-systems-2017>

Blekinge Institute of Technology, Sweden.

JNTUA 4-Year Bachelor of Technology degree will be awarded by JNTUA by accrediting and recognizing the one year (two semesters) mandatory education credits (includes UG project) from Blekinge Institute of Technology, Sweden through transfer of credits to JNTUA.

**Mode of cooperation with BTH:** BTH Offers 60 credits of education (two semesters, one academic year) to the students enrolled in to 4 year B.Tech programme. In addition to bachelor degree from JNTUA, Blekinge Institute of Technology, Sweden will also provide the possibility to the students to seek a degree of **“Bachelor of Science (180 ECTS Credits)”**. *The degree is awarded by accrediting education from JNTUA after the successful completion of the program under double degree mobility cooperation.*

### **Degree from Blekinge Institute of Technology:**

In addition to degree from JNTUA, Blekinge Institute of Technology, Sweden will also award Bachelor of Science degree under double degree cooperation, by transferring credits from JNTUA.

<b>S. No.</b>	<b>Branch opted at JNTUA</b>	<b>Degree to be awarded at JNTUA</b>	<b>Degree to be awarded at BTH Sweden</b>
1	Mechanical Engg.	B.Tech -Mech Engg.	Bachelor of Science - Mechanical Engineering
2	ECE	B.Tech- ECE	Bachelor of Science - Electrical Engineering (Telecommunications Systems)
3	CSE	B.Tech-CSE	Bachelor of Science - Software Engineering or B.S. Computer Science

*Table 1. Degrees awarded at JNTUA and BTH*

## **ADMISSION INFORMATION**

### **I. GENERAL**

1. This program is designed for the advantage of Student Community through which students can acquire both B.Tech. from JNTUA and B.S in Engineering degree from Blekinge Institute of Technology, Sweden in four years. This bachelor degree is recognized in India through JNTUA and in Europe through Blekinge Institute of Technology, Sweden and globally through JNTUA and BTH.

2. The objective of the program is to make undergraduate students qualified for the global industrial and research career.
3. Applications for admission into the program will be processed by JNTUA, India in association with Blekinge Institute of Technology, Sweden.
- 4. There will be no provision for students to discontinue the studies in the middle of the program and claim alternative degree or the path.**
5. All Admissions are purely provisional and the University reserves the right to cancel the admission at any stage.
6. The students will be provided an option to continue the Master's (PG) programmes offered at JNTUA or Blekinge Institute of Technology, Sweden. The structure of tuition fee which is adopted during the year of admission for Master's program will be applicable to students unless otherwise agreed between BTH and JNTUA (more details, see section 7)
7. Selected candidates for admission into the program shall give an undertaking that they would pursue the program for three years in JNTUA, India and one year in BTH, Sweden.
8. During pursuing of the course all the academic regulations of course offering institute are applicable.

## **2. ELIGIBILITY REQUIREMENTS & SELECTION CRITERIA**

Candidates satisfying the following requirements shall be eligible for admission into the program.

Candidates qualified with Intermediate Education (10+2 pattern) conducted by the A.P. or Telangana Board of Intermediate Education (BIE)/CBSE/ICSE with Mathematics, Physics, Chemistry subjects.

**I. Grades:** a minimum requirement of 70% (7/10 scale) in the qualifying examination, i.e. Intermediate (10+2) or equivalent.

**II. English criteria:** The students, who have studied intermediate education (10+2) in other language (medium of instruction other than English) should meet the English requirement by IELTS or TOEFL before seeking a transition to the studies at BTH. The following indicates eligible levels:

**TOEFL:** Paper based: a score of 4.5 (scale 1-6) in written test and a total score of 575  
Internet based: a score of 20 (scale 0-30) in written test and a total score of 90  
**IELTS:** an overall mark of 6.5 and no section below 5.5

**III. Selection criteria:** The selection will be based on ranks obtained in JEE (MAINS)/ AP EAPCET-2021/ TS EAMCET-2021/ Marks in BIE or Equivalent in the order of preference indicated.

### 3. TUITION FEE STRUCTURE & SCHOLARSHIPS:

Year	Tuition Fee		Collecting University
	JNTUA (4,50,000 INR /Three years)	BTH(70000 SEK / Two Semesters)	
1st Year	150000 INR		JNTUA
2 <sup>nd</sup> Year	150000 INR		JNTUA
3 <sup>rd</sup> Year	150000 INR		JNTUA
4 <sup>th</sup> Year – 1 <sup>st</sup> Semester		35000 SEK	BTH
4 <sup>th</sup> Year - 2 <sup>nd</sup> Semester		35000 SEK	BTH

# ISEK = Approx. 9 INR (Based on present existing foreign exchange). \*

#### Fee Structure for FN/ PIO/ NRI quota:

Out of 10 seats, one seat is allocated to FN/ PIO/ NRI quota and 9 seats allocated to Indian Nationals. Out of the 9 seats allocated to Indian if any vacancies arises such seats can be filled with FN/ PIO/ NRI. However, if no FN/ PIO/ NRI students are available, total 10 seats may be filled with Indian Nationals. The tuition fee for FN/ PIO/ NRI quota is \$4500 per year. For SAARC countries, there will be a discount of 30% in Registration fee is \$950/- University fee is Rs.2,000/-.

#### Scholarships (Tuition fee waiver):

The students enrolled will be eligible to apply for BTH Scholarships (tuition waivers). The scholarship recipient will have the possibility to reduce the tuition fee. The selection is done based on merit through global competition.

#### 4. Visa Requirements and Accommodation:

Students should be able to fund their travel & living expenses for the stay at Sweden. Students should be able to show a minimum financial requirement of SEK 8568 (Sweden Kronas) per month for the entire planned study period at Sweden. Documentation certifying one's own must be provided at the time of applying residence permit (VISA).

For 12 Months stay in Sweden, the students should show minimum financial requirement of SEK 102816, Approx.INR 8.96 Lakhs (As per the present currency exchange rate) before Swedish Migration Board while applying for VISA (Student Residence Permit). For further details please visit [www.migrationsverket.se](http://www.migrationsverket.se)

**Accommodation at JNTUA:** Hostel accommodation will be provided at JNTUA on first cum first basis. Hostel accommodation will be provided and the charges as per with other International student hostels. For Indian students the hostel charges will be as per with regular students.

**Accommodation at BTH:** The average accommodation cost will be around 50040 SEK / Annum during the study period at BTH, Sweden on sharing basis.

**NOTE:-**Students are responsible to show the required financial proofs to the migration authorities while applying for student permit (VISA). Either BTH or JNTUA will not be responsible for the VISA rejections caused on the grounds of in-sufficient financial funds/statements in front of Migration Board. Students have to adhere to migration regulations.

## **5. Admission/ Transition to BTH:**

The students should complete 83%<sup>5</sup> of their education (i.e. complete all the courses until 3-1<sup>st</sup> semester) at JNTUA to seek a transition to BTH. The student should have passed all the prerequisite courses identified by the BTH.

## **6. Career Advice:**

The successfully completed students are eligible for campus placements at JNTUA. The career advice will be provided about the Swedish Labor Market at BTH.

## **7. After Bachelor studies:**

### **A) Admission to Master's Programmes:**

The students from JNTUA are provided with a provision to apply to the master's programs, i.e. two year master programmes at BTH after the completion of their bachelor education in relevant specialization<sup>6</sup>. In such case, the tuition fee level of free mover international students(adopted during the year of admission) will be applicable to the master's studies. The students can also apply for BTH Scholarship (tuition waiver) while making an application to the master studies. The students are selected based on merit among all the prospective international students who apply to BTH for masters' studies.

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<sup>5</sup> Completed 150 credits of equivalent BTH education at JNTUA. i.e. the students should not have any unfinished courses up to 3<sup>rd</sup> year – 1<sup>st</sup> semester at JNTUA

<sup>6</sup> Offered in the year of admission

## B) Seeking career in Sweden:

The successfully completed students are eligible to extend their residence permit for one year in-order to seek employment or explore the possibilities of starting by their own business as per the regulations of migration board. For more details visit:  
[www.migrationsverket.se](http://www.migrationsverket.se)

## 8. HOW TO APPLY:

Candidates are required to download application form and Information booklet from the website. [www.jntua.ac.in](http://www.jntua.ac.in). The duly filled-in application form with two sets of enclosures and application processing fee of Rs.1,500/- in the form of DD drawn, in any Nationalized bank in favor of “**Registrar, JNTUA**” payable at **Ananthapuramu**, should reach the **office of Registrar, JNTUA, India by post** or in person by **5.00 pm on or before 29.11.2021**.

Office of the Registrar, JNTUA is not responsible for non-receipt or late receipt of applications sent by Post / Courier. Incomplete applications are liable to be summarily rejected. The students are advised to send a copy of scanned version of applications to [indiarelations@bth.se](mailto:indiarelations@bth.se) and [dfaam@jntua.ac.in](mailto:dfaam@jntua.ac.in) for reference.

## 9. ENCLOSURES:

### List of documents to be attached with the Application forms:

- Attested copies of Secondary Education (10<sup>th</sup> Class) certificate
- Attested copies of Higher Secondary Education (10+2) certificate
- Attested copies of Rank Card of JEE (MAINS)-21/ AP EAPCET-21/ TS EAMCET-21
- Undertaking statement signed by the parent / guardian along with the applicant, stating that applicant is capable enough to fund the financial requirement 102816 SEK (Approx.8.96 Lakhs) for 2 semesters) in order to support the living expenses in Sweden. This amount is required in addition to the tuition fee. (to be produced at the time of admission)
- DD of Rs.1,500/- from any Nationalized bank in favour Registrar, JNTUA, Payable at Ananthapuramu, A.P

## 10. Important Dates:

- Last Date for submission of application: 29.11.2021
- Interaction meeting (With BTH and JNTUA Officials): 30.11.2021
- Date of admission counseling: 01.12.2021
- Orientation meeting for admitted students: 03.12.2021

Candidates are advised to attend the counseling with all original certificates and (i) **DD for Rs.1,50,000/-** drawn on any Nationalized bank, in favour of “**Registrar, JNTUA Ananthapuramu**” payable at Ananthapuramu. (ii) (Two DDs towards special fee one in favour of “Registrar, JNTUA” payable at Ananthapuramu for Rs. 6000/- and another in favour of “Principal, JNTUA CEA” for Rs. 3000/- payable at Ananthapuramu towards processing fee for admission.) Tuition Fee once paid shall not be refundable under any circumstances.

No separate intimation letters will be communicated and more number of candidates may attend the counseling than the number of available seats and attending the counseling doesn't guarantee admission

**Important Contacts:**

**JNTUA, Ananthapuramu, India:**

Prof. R. Kiranmayi, Director, Foreign Affairs& Alumni Matters,  
+918008802558, email.id [dfaam@jntua.ac.in](mailto:dfaam@jntua.ac.in)

Prof. B. Eswara Reddy, Director of Admissions  
Ph: 7702768080: email: [daa@jntua.ac.in](mailto:daa@jntua.ac.in)

Administrative Building,

**Blekinge Institute of Technology Sweden:**

**Mr. Gurudutt Velpula, Dy. Director–International Affairs**, Blekinge Institute of Technology, Karlskrona, Sweden. Email: [indiarelations@bth.se](mailto:indiarelations@bth.se), Mobile: 00-46-734405670(Sweden)

**Student related services/queries:** Mr. G. Phani Shekar, Hyderabad India, Mobile: 00-91-9959655670, Email: [phani@siaseu.com](mailto:phani@siaseu.com)

***Important websites:***

[www.bth.se](http://www.bth.se)   [www.jntua.ac.in](http://www.jntua.ac.in)   [www.migrationsverket.se](http://www.migrationsverket.se)