

## INTERNATIONAL COLLABORATIVE PROGRAMMES



### INFORMATION BOOKLET- JNTUK



Jawaharlal Nehru Technological University Kakinada Campus is first established on 16th July 1946 as College of Engineering, Vizagapatam at Kakinada by the Government of Madras State. Later in the Year 1972, it has become an important constituent unit of Jawaharlal Nehru Technological University, Hyderabad which is established as the first Technology University in the Country after the name of first Prime Minister of India, Pundit Jawaharlal Nehru. It has become a separate University in August 2008 by Government of Andhra Pradesh. Over the years JNTUK Kakinada Campus has produced highly professional and competitive engineers by infusing greater quality and content into the curriculum and educating the students with appropriate skills suitable for the rapidly developing Industry in India in the fields of Engineering, Technology, Science, Pharmacy and Management. JNTU Kakinada campus has crossed several mile stones in pursuits of academic excellence and has emerged as a trendsetter in the field of technical education. Its reputation for academic excellence attracts students across the Globe. JNTUK has MOA with BTH-Sweden in 6 years International Collaborative Program (3+1+2) with exit option after 4<sup>th</sup> year of study in CSE, ECE & ME and collaborating successfully with BTH since 2009.

The University is moving forward with a motto of Excellence, inclusion and relevance in education such as

- To design an Industry relevant curriculum with outcome based learning approach from time to time
- To Promote quality education by embracing ICT delivery mechanism with continuous pedagogy
- To Spread across for industry collaborations with a focus to pre –training and placements
- To Establish Centers of Excellence to promote research and innovations in multidisciplinary areas
- To Promote International Collaborative for student outreach
- To Facilitate International students to study in JNTUK for encouraging cross/culture learning abilities.

## **Blekinge Institute of Technology (BTH)<sup>1</sup> Karlskrona SWEDEN.**

is the most profiled modern university established by Government of Sweden. In systems and software engineering, BTH is ranked sixth in the world and first within the EU. 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. Swedish Higher Education System is ranked no.5 among the best higher education systems in the world<sup>2</sup>. Blekinge Institute of Technology is located in the Blue science Park (formerly telecom city) and works closely together with Swedish Industries. 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 nation in the world.

**6 years International Collaborative Program (3+1+2) 3 Years of Study at JNTUK and (1 +2) Years of study at BTH –Sweden with exit option at the end of 4<sup>th</sup> year.**

**Offered branches, Intake, Mode of study, Award of degree at JNTU Kakinada:**

Sl No.	Degree & Branch at JNTUK	Intake
1	B.Tech Mechanical Engineering	10
2	B.Tech Electronics and Communication Engineering	20
3	B.Tech Computer Science & Engineering	30

### **Mode of study and award of degree:**

The admitted students will study mandatory 3 years education at University College of Engineering (Autonomous) Kakinada campus and one year education at Blekinge Institute of Technology, Sweden. After successful completion of 4 years of study ,Bachelor of Technology degree will be awarded by JNTUK by accrediting the one year (two semesters) mandatory education credits (includes UG project) from Blekinge Institute of Technology, Sweden through transfer of credits to JNTUK.

### **Cooperation with BTH:**

The enrolled students enrolled in to 4 year B.Tech programme, will also have possibility to seek a bachelor degree from BTH Sweden after completion of 4 years education under double degree cooperation. The students will also have the direct provision to continue two years master studies at BTH in the specializations (without an exist) as per the below table.

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

<sup>2</sup> <http://www.universitas21.com/article/projects/details/152/u21-ranking-of-national-higher-education-systems-2017>

Branch Opted in JNTUK	Bachelor Degree at JNTUK	Bachelor Degree at BTH	Masters Specializations / Degree at BTH
ECE	B.Tech ECE	Bachelor of Science in Electrical Engineering with emphasis on Telecommunications Systems	Master of Science in Electrical Engineering with emphasis on Telecommunications Systems
CSE	B.Tech CSE	Bachelor of Science in Computer Science (or) Bachelor of Science in Software Engineering	Master of Science in Computer Science
			Master of Science in Software Engineering
MEC	B.Tech MEC	Bachelor of Science in Mechanical Engineering	Master of Science in Mechanical Engineering with emphasis on Structural Mechanics

## 2) Tuition Fee:

The tuition fee structure for 6 years International Collaborative Program (3+1+2) as follows:

<b>Tuition Fee for Bachelor Studies at JNTUK and BTH Sweden (Mandatory study)</b>			
Year and Semester	Place of study	Tuition Fee	Tuition Fee collecting university
1 <sup>st</sup> Year	India	150 000 INR	JNTU KAKINADA
2 <sup>nd</sup> Year	India	150 000 INR	JNTU KAKINADA
3 <sup>rd</sup> Year	India	150 000 INR	JNTU KAKINADA
4 <sup>th</sup> Year – 1 <sup>st</sup> Semester	Sweden	35 000 SEK	BTH SWEDEN
4 <sup>th</sup> Year – 2 <sup>nd</sup> Semester	Sweden	35 000 SEK	BTH SWEDEN
<b>Tuition Fee for Master Studies at BTH Sweden*(Optional study)</b>			
5 <sup>th</sup> Year - 1 <sup>st</sup> Semester	Sweden	50 000 SEK	BTH SWEDEN
5 <sup>th</sup> Year - 2 <sup>nd</sup> Semester	Sweden	50 000 SEK	BTH SWEDEN
6 <sup>th</sup> Year – 1 <sup>st</sup> Semester	Sweden	50 000 SEK	BTH SWEDEN
6 <sup>th</sup> Year – 2 <sup>nd</sup> Semester	Sweden	50 000 SEK	BTH SWEDEN

*\*Note: The tuition fee for master studies may increase or decrease ( $\pm 10\%$ ) in order to cover the actual cost for the tuition at master studies.*

### 3) Scholarships (Tuition fee waiver) at BTH:

The students enrolled will be eligible to apply for BTH Scholarships (tuition fee waivers). The scholarship recipient will have the possibility to reduce the tuition fee. The selection is done based on merit through global competition. The call for the scholarship will be announced during the 3-1 studies at JNTUK.

*Note: The scholarship are subject to availability of funds.*

### 4) General Regulations:

1. The student admitted must study education both at JNTUK and BTH. There will be no provision for students to discontinue the studies in the middle of the program and claim to continue the entire education at JNTU Kakinada.
2. If minimum number (50%) of students are not admitted the programme will not be offered.

### 5) Eligibility and Selection Criteria:

Candidates satisfying the following requirements shall be eligible to admission for the ICP – 2019 :

Candidates should have 70% in the qualifying examination i.e. Intermediate Education (10+2 pattern) conducted by the T.S./A.P Board of Intermediate Education (BIE)/CBSE/ICSE within MPC Stream.

**Selection Criteria: The admission is based on the rank obtained in the IIT JEE Mains (Qualified) / AP EAMCET (Qualified) TS EAMCET (Qualified). 50% of seats are reserved for IIT JEE (Mains) and 50% are reserved for AP EAMCET / TS EAMCET**

### 6) Transition Policy from JNTUK to BTH :

**Transition to BTH:** The student should finish a minimum of 120 credits of BTH, i.e. approx. 80% of their education up-to first 6 semesters of studies at JNTUK for transition to BTH. The student should also pass have all the prerequisite courses identified by the BTH.

Note: The students, who have studied in other language (*medium of instruction other than English*) during the intermediate education, then the student should demonstrate to meet the English language requirement through an internationally approved English test such as IELTS or TOEFL. The students should meet the English requirement by IELTS or TOEFL before seeking an admission to the studies at BTH.

TOEFL: 575 / 90

IELTS: an overall mark of 6.5 and no section below 5.5

## 7) Transition to master studies at BTH:

The student can continue the master studies at BTH. They can enter the master's studies by completing a minimum of 150 credits of BTH (which should include a minimum of 30 credits ( i.e. approx. credits of one semester) from their studies at BTH) and should have passed all the prerequisite courses for the entry to master studies. However the degree will be awarded only after completion of all the courses at bachelor and masters studies.

## 8) Visa Requirements and Accommodation:

1. Candidate has to pay 4<sup>th</sup> year 1<sup>st</sup> semester tuition fee 35000 SEK directly to BTH Sweden before the commencement of Visa Processing which starts in 3<sup>rd</sup> Year II Semester. However 4<sup>th</sup> year second semester tuition fee need to pay in BTH Sweden as per the tuition fee guidelines of BTH.

In addition to the tuition fee, the students should be able to fund their travel & living expenses for the stay at Sweden. The average accommodation cost will be around **50 000 SEK / Annum** during the study period at BTH, Sweden on sharing basis.

The students are provided with necessary information/guidance about the online booking procedure to reserve the student accommodation offered by the legitimate housing companies.

2. **Visa Requirements:** Students should be able to show a minimum financial requirement of SEK 8375 (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).

The student must show to migration board as per the below details while applying for VISA (student residence permit).

- **For 12 Months stay in Sweden**, the students should show minimum financial requirement of SEK 83 750, Approx. INR 6.30 Lakhs (As per the present currency exchange rate\*)
- **For 36 Months stay in Sweden**, the student should show a minimum financial requirement of 251 250 SEK , Approx. 19 Lakhs (As per the present exchange rate\*)

**Note:** Students are responsible to show the required financial proofs to the migration authorities while applying for student permit (VISA). Either BTH or JNTUK 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 migrations regulations. The currency exchange / requirements can change based on the factors, which are not in the control of both JNTUK or BTH.

**C) Cost of living:** Living costs in Sweden depend largely on your individual lifestyle. A sample monthly budget is as follows:

- Food SEK 2000
- Accommodation SEK 4200
- Course literature SEK 400–1,000
- Other: clothing, hygiene, Bus card, telephone, leisure, etc. SEK 1,500


#### **7) Capacity Building programme (optional):**

Capacity Building Programme for Global Employability and Entrepreneurship (CBPEE, 15 credits), The CBPEE is designed with direct inputs / in close cooperation with Swedish Industry and it will be offered in addition to the agreed educational plan. The programme will result in up skilling the students with necessary practical and employable skills to meet the expectations from the industry and the knowledge for starting a startup companies. The programme is recommended for the students who want to exit with bachelor's degree at BTH. The fee for these credits will be equivalent to the fees charged for international free mover student<sup>4</sup>. The exact fee for the training will be communicated during the year of admission to the BTH. The estimated fee for the training can vary between 17500 – 25000 SEK.

#### **8) Seeking career in Sweden:**

The successfully completed students are eligible to extend their residence permit for six months 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)

List of some of the successful JNTUKAKINADA students who are working<sup>3</sup> in companies in Sweden / Europe after completing the collaborative education at BTH, i.e. students graduated in 2016

SL.NO	NAME	PICTURE	COMPANY	COUNTRY
1	DIVYA PEDDI REDDY		ERICSSON	SWEDEN
2	RAYWON TEJA		SINCH	SWEDEN
3	VISHNU MANASA		BTH	SWEDEN
4	SRIKAR REDDY		SIGMA	SWEDEN
5	SINDHURA CHILAKAPATI		ABOVE	SWEDEN
6	MANITEJA DARSIPUDI		ERICSSON	SWEDEN
7	MUKESH		VOLVO	SWEDEN

<sup>3</sup> The salary level will be 23000 SEK – 30000 SEK / month based on the roles. The salary for doctoral position is 27000 SEK / month.

8	LAKSHMI SOWJANYA NEKKANTI		AB Trav och Galopp	SWEDEN
9	GANESH GRANDHI		ERICSSON	SWEDEN
10	TULASI PRIYANKA SANABOYI		HIQ	SWEDEN
11	NUNNA TEJASWINI		SIGMA	SWEDEN
12	RATNA P GARIGAPATI		DXC	SWEDEN
13	PAVAN KUMAR NANDURU		ERICSSON	SWEDEN



## IMPORTANT CONTACTS:

### A) JNTU Kakinada:

1. Dr. N.Balaji, Director of Admissions, Jawaharlal Nehru Technological University Kakinada, Kakinada Ph:+ 0884 2340356, Email : [dajntukakinada@gmail.com](mailto:dajntukakinada@gmail.com)
2. Dr. B.Balakrishna, Director of Foreign Universities Relations, Jawaharlal Nehru Technological University Kakinada, Kakinada Ph: 0884 2300914, Email:[dfur@jntuk.edu.in](mailto:dfur@jntuk.edu.in)

### B) Blekinge Institute of Technology:

3. **Gurudutt Velpula**, Director - India Initiatives, Blekinge Institute of Technology Karlskrona, Sweden. + 46- 734 - 405670 ( Sweden) + 46- 455385212 + 91- 9959-405670 ( India) Email :[gurudutt.velpula@bth.se](mailto:gurudutt.velpula@bth.se),

### For practical information, Visa requirements etc:

4. **Mr.Phani Sekhar**, Local coordinator for BTH, International Students in Real Life : +91-9032011127, [phanisekharg@icloud.com](mailto:phanisekharg@icloud.com)