CALL FOR APPLICATIONS

Key Action 1 – Mobility for learners
Higher Education Student Mobility

The Director NIT Silcar has signed an Inter-institutional agreement 2018-2021 between **Aurel Vlaicu University of Arad (UAV), Romania** as institution from Programme **country** and **National Institute of Technology Silchar** as institution from **Partner Countries** for exchange of undergraduate students between two institutes for the engineering disciplines.

The program involves exchange of **01 undergraduate student from NIT Silchar to Aurel Valicu University of Arad (UAV) and 01 undergraduate student from Aurel Valicu University (UAV) to NIT Silchar** in the next semester (January to May 2018). As per the requirement of the program country the exchange of students is decided to take place between Electrical Engineering Department of NIT Silchar and Automation and Applied Informatics Department of UAV, Romania.

We invite applications from the **interested current 5th semester students of Electrical Engineering**, NIT Silchar for undergoing his/her next semester study at **Aurel Valicu University of Arad (UAV), Romania** under ERASMUS+ exchange programme. The detailed features/Guidelines/Instructions for the exchange program along with necessary forms are given below.

Eligibility:

1. Student must be a current 5th semester student of Electrical Engineering.
2. Student must not have any backlog from 1st semester onward.
3. Student must have minimum 7.5 CPI to apply.
4. Student must possess an Indian Passport valid at least till September 2019.
5. Student must be medically fit.
6. Student should be engaged in some extracurricular activities beyond regular studies.
7. Student must be an Indian citizen.
8. Student must have sufficient funds to support his monthly expenses for first month upon arrival in Romania as time to get the grant may be delayed due to administrative reasons.
9. Last date for submitting the application form is 1st December 2018.

General Guidelines/Instructions:

1. The application form for the program may be downloaded from www.nits.ac.in
2. Filled in application form to be submitted to **Dr. Rajeeb Dey, Asst. Prof.. Electrical Engg. Department**, NIT Silchar in hard copy with all necessary documents indicated in the application form.
3. Students are requested to send scanned copy of the application form in advance with all scanned copy of the documents by e-mail to **rajeeb.iitkgp@gmail.com**.
4. The selection of the student at NIT Silchar will be done through laid down criteria decided by the competent authority of the institute in adherence to ERASMUS+ guidelines.
5. Selected student for exchange programme from NIT Silchar has to study his/her 6th semester in UAV, Romania for 4 months and 21 days.
6. The **duration** of semester in Romania is from **15.02.2019 to 05.07.2019.**
7. The **funding and support** to Indian/foreign students are provided by ERASMUS+ program. The details are as follows,
   - Financial support of 800 Euros/month
   - Amount of 820 Euros for transportation.
   - The total amount the student will receive is 4580 Euros.
   - UAV offers accommodation for all its incoming students to Romania on payment basis.
   - UAV will help/assist students in obtaining the visa.
8. The student will receive money from the University in Romania.
9. The course structure for the selected student in 6th (in UAV, Romania), 7th (NIT Silchar) and 8th (NIT Silchar) semester is presented in **Annexure I.**
10. All the courses will be taught in English except a course in foreign language.
11. There are **no fees for tuition, registration, examinations or access to laboratory and library facilities** for the students undertaking credit courses.
12. However exchange students **may be charged small fees** on the same basis as local students for costs such as insurance, student unions and the use of miscellaneous material.
13. **Medical insurance need to be obtained** before leaving India for the period of stay in Romania. The assistance for insurance will be provided by **ERASMUS international coordinator** of the university. The e-mail id of the person is bpc@uav.ro. The contact details of the international coordinator is,
    Ms. Gerlinde Knap
    Address: B-dul Revoluţiei nr. 77,310130 Arad, Romania,
    P. O. BOX 2/158 AR, Telephone: +40-257-283 010
    Fax: +40-257-280 070
14. The academic grading system of the university in Romania is as follows,

ECTS grade	A	B	C	D	E	F/FX
LOCAL grade	10	9	7-8	6	5	1-4

15. The **assistance for obtaining visa** will be provided by the international coordinator of UAV, Romania. Her contact details are given in point No. 9 above.
16. The student must possess an **Indian passport that is valid at least till September 2019**.
17. The selected student is advised to visit the website of Romanian embassy for the guidelines of obtaining appropriate visa for this programme. Also he/she is advised to be in touch with ERASMUS international coordinator for the same.
18. The **assistance for the accommodation** of foreign exchange student will be provided by the ERASMUS international coordinator. He/She will have to submit a request form of the university after his/her selection.
19. The selected student will have to fill up an application form for the mobility to the said university.
20. All the correspondence with the ERASMUS international coordinator by the selected student will be done through the institutional coordinator for this programme.
21. Students are requested to obtain **language certificate from the HoD Humanities** stating that medium of instruction is English in the institute and student possess sufficient proficiency as per the level indicated in the application form. (European standarad)
22. **Signed scanned copy of the "PARENTS CONSENT" is acceptable** at the time of application. It is further desired that parents/guardian sends a copy of the scanned copy of their consent to rajeeb.iitkgp@gmail.com.

General Guidelines of UAV, Romania for exchange students:

1. Erasmus students have the same rights and obligations as the Romanian students. Some of the details of the Student Activity Regulation (which also apply to Erasmus students):
2. To fulfill with exigency, in good conditions and in time, all the obligations which are in accordance with the curriculum and the university programs.
3. Respect the order, morality and rights of others both within and outside the University.
4. The student is responsible for his / her entire behaviour.
5. To carefully use the existing material in educational establishments, hostels, canteens etc. The damages produced will be recovered according to the laws and regulations in force.
6. To respect the authority of the governing bodies of the Departments, Faculties, the University, as well as the authority of the teaching, research and administrative personnel.
7. Student will be hosted in students' dormitory - I will arrange for his/her accommodation. The student has to pay the monthly fee (250 lei - approx. 55 euros) this fee includes 10 lunches.
8. Cost of living in Arad and in Romania is not so expensive - taking into account that the student will receive 800 euros/month and the minimum wage in Romania is around 300 euros, we can say that the student will have a more than decent life.

9. It is mandatory that the student will have a private travel, medical and life insurance, covering any medical expenses for the entire mobility period (as I mentioned from 25.02 to 15.07.2019).
10. Health and travel insurances are accepted in medical establishments in Romania, provided payment is confirmed first by the foreign insurance company.
11. more info about travelling to Romania: http://newdelhi.mae.ro/en, https://www.mae.ro/en/node/20184.
12. In Arad we have all medical facilities (public and private).
13. The student has to attend all the courses he/she will choose to study, according to the schedule.
14. Regarding the courses the student will choose (as decided in consultation with Prof. Balas), he/she will have to fill in, before the mobility, a document called Learning agreement - see attached. This document can be changed during the mobility (the student can change the initial chosen subjects).

Course structure or ERASMUS+ programme of B.Tech (EE) VIth Sem, NIT Silchar

Table 1: Existing course structure of B.Tech, Electrical Engineering, NIT Silchar

6th Semester				7th Semester				8th Semester		
Code	**Subject Name**	**C**		**Code**	**Subject Name**	**C**		**Code**	**Subject Name**	**C**
EE1305	Control System II	8		EE1401	Digital Signal Processing	6		EE1403	Analog & Digital Communication	6
EE1306	Power Electronics	8		EE1402	Industrial Drives	6			**DE –III**	6
EE1307	Switchgear & Industrial Protection	6		EE1411	Power Electronics & Drives Lab	2			**DE –IV**	6
EE1308	Programming & Data Structure	6		EExx	Departmental Elective I	6			**DE -V**	6
EE1309	Instrumentation	6		EExx	Departmental Elective II	6			Open Elective II	6
EE1314	Electrical M/C Lab -II	2			Open Elective -I	6		EE1491	Project II	10
EE1315	Process control & Instrumentation Lab	2		EE1490	Project I	8				
EE1313	PS Lab	2								
		40				**40**			**DE –III**	**40**

Table 2: Courses offered by the UAV Romania (FU) in 6th Semester and its map with NIT Silchar

Code	Subject Name	Sem (NIT)	Course type/Subject name/Sub Code (NIT)	C (NIT)	C (FU)	Equivalent credit of FU as per NIT contact hour	Remarks
CIGD4O19	Measurement & Transducer	6th	Compulsory, Instrumentation **EE 1309 &** Process Control & Instrumentation Lab **EE1315**	6+2 =8	4	6	As the course CIGD4O19 includes Laboratory so it is treated that Lab EE1315 is complete.

CIGS8O14	Applications of Neuro-Fuzzy Systems	7th	Open elective – I, Neural Network and Fuzzy logic, **EE 1473**	6	3	**5**	
CIGD6O11	Modeling & Simulation	8th	Department Elective –IV, Modeling and Simulation, **EE 1454**	6	3	**5**	
CIGS8A18	Renewable Energy	8th	Departmental Elective-III, Wind and Solar Energy Systems, **EE 1446**	6	2	**4**	
CIGS8A20	Biomedical Engineering	8th	Departmental Elective – V, Biomedical Engineering, **EE 1465**	6	3	**6**	
CIGS8O17	Practice of diploma Project	-	-	-	3	**4**	(4hours/week)
CIGC2A25	German Language	-	-	-	2	**4**	
					22	**34**	

Table 3: Upon returning, the structure of 7th semester will be as follows,

Code	Subject Name	C	Semester/Dept	Subject type	Remarks
EE1401	Digital Signal Processing	6	7th EE	Compulsory	
EE1402	Industrial Drives	6	7th EE	Compulsory	
EE1411	Power Electronics & Drives Lab	2	7th EE	Compulsory	
EExx	Departmental Elective I	6	7th EE	Elective	
EExx	Departmental Elective II	6	7th EE	Elective	
EC1402	**Power Electronics**	6	**7th EC**	Compulsory	As student has to study **EE1402** which uses the concept of Power Electronics devices, its characteristics and circuits and he/she missed EE1306 (power Electronics) in 6th sem, so EC 1402 offered acts as a prerequisite for EE1402.
EE1490	Project I	8	7th EE	Compulsory	
		40			

Table 4: The structure of 8th semester will be as follows,

Code	Subject Name	C	Semester/Dept	Subject type	Remarks
EE1403	Analog & Digital Communication	6	8th EE	Compulsory	
EE1305	Control System – II	8	**6th EE**	Compulsory	**in lieu of DE – III of NITS**
EE1308	Programming & Data Structure	6	**6th EE**	Compulsory	**in lieu of DE –IV of NITS**
EE1307	Switchgear & Industrial Protection	6	**6th EE**	Compulsory	**in lieu of DE-V of NITS**
EE1314	Electrical Machine Lab -II	2	**6th EE**	Compulsory	
EE1313	PS Lab	2	**6th EE**	Compulsory	
	Open Elective II	6	8th EE	Elective	
EE1491	Project II	10	8th	Compulsory	
		46			

Total credit earned (Sum of credits in Table 2, 3 and 4) = 34+40+46 =120