# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL SRINIVASNAGAR, MANGALORE 575025, KARNATAKA

Date: 20-09-2022

## Notice Inviting Application for Branch-Change (2021-Admits)

Dates for submission of Application on IRIS portal: September 21-25, 2022.

Start of Application Process : September 21, 2022, 05:00 PM

End of Application Process: September 25, 2022, 11:59 PM

#### **Important Instruction for the candidates**

- Read the criteria for the allocation given below carefully before exercising the application for branch change on the IRIS portal during thestipulated time-period. It includes eligibility as well as allocation criteria.
- The students have to fill all the requisite details correctly as indicated in the application form and must lock the application compulsorily on IRIS portal. If the application is not locked then such applications will not be considered. After application form is locked, no further changes will be permitted.
- 3. In case a student gets any choice out of his/her mentioned choices in the submitted branch-change application form, it is mandatory for the student to join the newly allocated branch.
- 4. In view of branch-change, his/her affiliation with parent branch automatically gets cancelled.
- 5. In-order to fulfil the degree requirements of the branch opted for change, a student who has opted to change the branch should register and earn credits additionally for the courses which the student has not registered in the first year B.Tech as per the curriculum of branch opted for change. The list of such courses, which the student has to register and earn credits additionally in the event of branch change is given in Table –II for indicative purpose only. If any other first year B.Tech courses as per the curriculum of the branch opted for change is not appearing in Table –II, then the student has to complete such courses also.
- 6. Under any circumstances the allotment will not be reverted.
- 7. The vacancy matrix for branch change is given in TABLE III.

#### Eligibility Criteria:

- a) A student must have completed all the credits required in the first two semesters of B. Tech. program, in their first attempt.
- b) A student must have obtained a SGPA of not less than 8.00 (7.00 for SC/ST) in the FIRST as well as the SECOND semester.

### Criteria for the allocation

- (i) The change of branch allotment is made according to vacancies as per eligibility and category of admission. The change of branch will be executed strictly in order of merit of the applicants. For this purpose, the GPA of all the common courses obtained at the end of the second semester shall be considered. In case of a tie, the JEE (Main) rank of the applicants will be considered. The list of common courses of first year B.Tech is given in Table -I.
- (ii) The applicants will be allotted a change in branch, strictly in order of inter se merit, subject to the limitations as given below:
  - (a) The actual number of students in the third semester in any particular branch to which the transfer is to be made, should not exceed the sanctioned strength and the actual number of students in any branch from which transfer is being sought does not fall below 75% of the total sanctioned intake.
  - (b) If a student S1 is not permitted to change from branch A to B due to the clause above, any other student S2 from any branch with GPA of common course less than S1 will also notbe permitted to change to branch B.

Table I: Common Courses for First Year B. Tech used to prepare Merit List

MA110, MA111, PH110, PH111, CY110, CY111, WO110, ME111, SM110

Refer Next Page for Table - II

Table 2 : Additional Credits to be earned to Fulfil Degree Requirements of the Branch opted for Change (Rows : From Branch Allotted at Present , Columns : To Branch opted for change )

To →	AI	СН	CS	CV	EE	EC	IT	ME	MT	MI
AI		ME110 EE110 CS100 CS101 CH150	ME110 CS112 MA208	ME110 EE110 CS100 CS101 CV100	ME110 CS100 CS101 EE101 EE143	ME110 EC101 EC102	ME110 IT110 IT150	EE110 CS100 CS101 ME112 ME113	ME110 EE110 CS100 CS101 MT160	ME110 EE110 CS100 CS101 MI101
СН	CS110 CS111 IT111 IT112 IT151 IT152		CS110 CS111 CS112 MA208	CV100	EE101 EE143	CS110 CS111 EC101 EC102	CS110 CS111 IT110 IT150	ME112 ME113	MT160	MI101
CS	EC100 IT111 IT112 IT151 IT152	EE110 EC100 CS100 CS101 CH150		EE110 EC100 CS100 CS101 CV100	CS100 CS101 EE101 EE143	EC101 EC102	IT110 IT150	EE110 EC100 CS100 CS101 ME112 ME113	EE110 EC100 CS100 CS101 MT160	EE110 EC100 CS100 CS101 MI101
CV	CS110 CS111 IT111 IT112 IT151 IT152	CH150	CS110 CS111 CS112 MA208		EE101 EE143	CS110 CS111 EC101 EC102	CS110 CS111 IT110 IT150	ME112 ME113	MT160	MI101
EE	EC100 CS110 CS111 IT111 IT112 IT151 IT152	EE110 EC100 CH150	CS110 CS111 CS112 MA208	EE110 EC100 CV100		CS110 CS111 EC101 EC102	CS110 CS111 IT110 IT150	EE110 EC100 ME112 ME113	EE110 EC100 MT160	EE110 EC100 MI101

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Table 2 (Contd...): Additional Credits to be earned to Fulfil Degree Requirements of the Branch opted for Change

(Rows: From Branch Allotted at Present, Columns: To Branch opted for change)

To →	AI	СН	CS	CV	EE.	EC Bra	IT IT	ME	MT	MI
From						EC.	**	MIL	IVII	IVII
EC	EC100	EE110	CS112	EE110	CS100	Benediction (See	IT110	EE110	EE110	EE110
	IT111	EC100	MA208	EC100	CS101		IT150	EC100	EC100	EC100
	IT112	CS100		CS100	EE101		11150	CS100	CS100	CS100
	IT151	CS101		CS101	EE143			CS101	CS101	CS101
	IT152	CH150		CV100	Will 10 P. 11 2 5			ME112	MT160	MI101
								ME113	1.11100	MITOI
IT	EC100	EE110	CS112	EE110	CS100	EC101		EE110	EE110	EE110
	IT111	EC100	MA208	EC100	CS101	EC102		EC100	EC100	EC100
	IT112	CS100		CS100	EE101			CS100	CS100	CS100
	IT151	CS101		CS101	EE143			CS101	CS101	CS101
	IT152	CH150		CV100				ME112	MT160	MI101
								ME113		
ME	CS110	ME110	CS110	ME110	ME110	ME110	ME110		ME110	ME110
	CS111	CH150	CS111	CV100	EE101	CS110	CS110		MT160	MI101
	IT111		ME110		EE143	CS111	CS111		1989	
	IT112		CS112			EC101	IT110			
	IT151		MA208			EC102	IT150			
	IT152									
MT	CS110	CH150	CS110	CV100	EE101	CS110	CS110	ME112		MI101
	CS111		CS111		EE143	CS111	CS111	ME113	<b>2</b> 经基础的	
	IT111		CS112			EC101	IT110			
	IT112		MA208			EC102	IT150			
	IT151									
	IT152									
MI	CS110	CH150	CS110	CV100	EE101	CS110	CS110	ME112	MT160	
	CS111		CS111		EE143	CS111	CS111	ME113		
	IT111		CS112			EC101	IT110			
	IT112		MA208			EC102	IT150			
	IT151									
	IT152									

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TABLE - III  Vacancy Matrix for branch change after I year B.Tech (2021 admits)									
Civil Engg	2	1	0	0	0	16			
Mechanical Engg.	5	0	0	1	1	14			
Electrical & Electronics Engg.	0	0	0	0	1	6			
Electronics & Communication Engg.	1	0	0	0	1	0			
Chemical Engg.	0	0	1	1	0	6			
Metallurgical & Materials Engg.	2	0	2	0	0	2			
Mining Engg.	2	0	0	0	0	1			
Computer Science & Engg.	1	0	0	0	1	0			
Information Technology	1	0	0	0	0	1			
Artificial Intelligence	2	0	0	0	0	0			
TOTAL	16	1	3	2	4	46			