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REGISTRAR

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REF: VTU/BGM/BoS/Internship/618/SO1/2024-25/2381   DATE: 23 AUG 2024

CIRCULAR

Subject: 2021 scheme Internship regarding..

Reference:

1. VTU/BGM/BoS/Internship/612/2024-25/2212, Dated: 14.08.2024
2. Dean Faculty of Engineering approval Dated: 22.08.2024
3. The Hon'ble Vice-Chancellor's Approval Dated: 23.08.2024

Following the meeting held on August 21, 2024, at 3:30 p.m., chaired by the Dean of Faculty of Engineering, VTU Belagavi, with principals and HODs of CSE and Circuit branches, and Chairpersons of the Board of Studies (BOS) for CSE, ECE, and EEE, the following points were clarified regarding the 2021 internship scheme:

Option A

For students choosing an online internship at NSDC through identified organization, the following courses are available for the internship;

a. AI-Data Quality Analyst

b. AI-Machine Learning Engineer

c. Application Developer Web and Mobile

d. Automotive IIOT Application Engineer

e. Cloud Application Developer

f. DevOps Engineer

g. VLSI Design Engineer

1. These are skill-based courses and are considered suitable substitutes for the internship.

2. These courses are primarily suited for students in IT and Circuit branches; however, interested students from non-IT and non-Circuit branches may also enrol.

3. Enrolled students are required to take five courses (21xx71 to 21xx75x) during the VII semester, with the college scheduling these classes in the morning session. In the afternoons, students shall attend online courses for 3 hours daily, and for 6 hours on Saturdays. They need to complete 300 hours of training during the VII semester and the balance 100 hours during 8th semester in February and March 2025.

4. The examinations for the theory subjects (21xx71 to 21xx75x) will be held in the VII

semester, following the timetable published by the Examination Section of VTU. However, the examinations for the internship (21INT82), seminar (21SEM81), and project work (21xxP76) will be conducted in the VIII semester, according to the timetable released by the registrar (evaluation).

5. The college must assign mentors to guide the students, monitor their progress, and maintain a record of their activities as per the Internship guidelines.

6. The college must submit the details of students registered for this option to the Registrar (Evaluation) during the first week of the commencement of the 7th semester and obtain confirmation for the same. Even autonomous colleges are required to submit the details to the Registrar (Evaluation).

Option B

For the students who are not opting for online courses offered by NSDC through identified organization;

1. The VII and VIII semesters are swappable as per the scheme 2021 for all engineering students.

2. The college must submit the details of students enrolled in VII or VIII semester theory courses as per the scheme for the next odd semester to the Registrar (Evaluation) during the first week of class commencement and obtain confirmation for the same.

3. The college must develop a suitable plan for ensuring that all the students receive research or industry internships. Additionally, the college needs to assign mentors to guide the students, monitor their progress, and keep records of their activities. Mentors should refer to Annexure IV for detailed information on activities under the internship.

4. Students must register for internships with well-known companies, MSME-registered companies, or start-ups. Only completion certificates from these organizations will be accepted for the award of the degree.

5. Please note the Industry/Research Internship duration is 15 weeks as per the 178th EC proceedings.

6. With the consent of the internal guide and Principal of the Institution, students shall be allowed to carry out the internship within or outside the state or abroad, provided favourable facilities are available for the internship and the student remains regularly in contact with the internal guide.

7. University shall not bear any cost involved in carrying out the internship by students. However, students can receive any financial assistance extended by any organization.

Option C

1. As in the VTU/BGM/Aca/BoS/2023/257, Dated: 10.04.2023, students who are unable to secure an internship must take SKILL ENHANCEMENT COURSES, with credits totalling the same as those of the internship. Students are required to enrol in and complete the Skill Enhancement Courses available at (https://online.vtu.ac.in/category/courses/Skill-Enhancement-Course). Please note

   a. 12 weeks duration Skill Enhancement Courses are equal to 03 credits
   b. 08 weeks duration Skill Enhancement Courses are equal to 02 credits
   c. 04 weeks duration Skill Enhancement Courses are equal to 01 credits

All Principals are instructed to inform the relevant students and faculty of these updates and to ensure their strict compliance with the guidelines.

Sd/-

REGISTRAR

To,

1. **All the Principals of Affiliated/Autonomous/Constituent Engineering Colleges under the ambit of the University**
2. **The Chairpersons /Program Coordinators of the departments at Belagavi, Kalaburgi, Mysuru, and Bangalore regional centres of VTU belagavi**

Copy to

- The Hon'ble Vice-Chancellor through the secretary to VC for information
- The Registrar (Evaluation) for information and needful
- The Director, ITI,SMU,VTU Belagavi for information and needful also request to upload the circular on the University website
- The Director, SDC, VTU Belagavi for information.
- The Director, Central Placement Cell, VTU Belagavi for information.
- The Special Officer QPDS section of VTU Belagavi for information and needful
- Office copy

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	Skill Enhancement Courses (@ online.vtu.ac.in)
1	Artificial Intelligence
2	Business Analytics
3	Cyber Security, Ethical Hacking and Risk Assessment
4	Data Science
5	Digital Marketing and Social Media Marketing
6	Graphic Designing
7	HR and Administartion
8	Machine Learning
9	Product Management
10	Recruitment and Talent Sourcing
11	UI/UX Designing
12	Web Designing
13	Cloud Computing
14	Computer Programming Skill with C
15	Interview preparation - (Corporate Skills)
16	MS Excel Basic to Advance level
17	Android App Development with Kotlin Essentials - (App development Skills)
18	React Full stack (Web/App development Skills)
19	Employability skill course - (Corporate Skills)
20	Skill enhancement with Data structure algorithm - (C language)
21	Python Essentials and Libraries for Data Science
22	Object Oriented Programming using C++ - (Programming Skills)