



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
ವಿಟಿಯು ಅಧಿನಿಯಮಗಳ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
State University of Government of Karnataka Established as per the VTU Act, 1994 "JnanaSangama" Belagavi-590018,
Karnataka, India



Prof. B. E. Rangaswamy, Ph.D
REGISTRAR

Phone: (0831) 2498100
Fax: (0831) 2405467

REF: VTU/BGM/BoS/Conf/2023-24/ 1966

DATE: 31 JUL 2024

CIRCULAR

Sir/ Madam,

Subject: Clarification of 2021 scheme Industry/Research Internship (21INT82) regarding

Reference: VTU/BGM/BoS/598/2024-25/1813, Dated 23.07.2024

Based on the queries received, the following points are clarified for the (21INT82) Industry/Research Internship:

1. According to the teaching and examination scheme, the Technical Seminar (21SEM81) and Industry/Research Internship (21INT82) are scheduled for the eighth semester, while the Project Work (21PROJ76) and other theory courses (21xx71 to 21xx75X) are in the seventh semester.
2. Industry /Research Internship duration is **15 weeks** as per 178th EC proceedings
3. According to the scheme, the seventh and eighth semesters are **interchangeable** (Swappable). In the ODD semester, 50% of the final-year students can choose to take eighth-semester courses (technical seminar and internship), while the remaining students can take project work along with the theory courses of the seventh-semester. In the EVEN semester, the roles are reversed.
4. This swapping arrangement is designed to ensure that all students have the opportunity to participate in an internship. However, students who do not secure an internship can instead take Skill Enhancement Courses (SEC), which have credits totalling to those of the internship. The SECs are available @ online.vtu.ac.in.
5. Guidelines for Internship are mentioned in Annexure-IV (Activities under Internship) which is made available @ <https://vtu.ac.in/pdf/regulations2021/anex4.pdf>

Please note that the college must inform the Registrar (Evaluation) about the details of the students who are taking seventh-semester courses, those taking eighth-semester courses, and those opting for Skill Enhancement Courses (SEC) in the upcoming semester. These details must reach the Registrar (Evaluation) office within 10 days of the start of the odd semester.

12

All principals of affiliated or constituent engineering colleges and chairpersons of university departments are hereby informed to update these details for all concerned faculty and students..

Sd/-
REGISTRAR

To,
All the Principals of Engineering Colleges under the ambit of the University
All the Chairpersons/Program Coordinators of University Departments at Kalburgi, Mysuru, Bengaluru, and 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 onthe University website
- The Special Officer QPDS section of VTU Belagavi for information and needful
- Special Officer, COEMysuru for information and upload the circular onthe website online.vtu.ac.in
- Office copy

REGISTRAR
30/07/24
27/07/24



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ 1994"ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

Phone : 0831-2498100 / 2405468

Fax : 0831-2405467

Email : registrar@vtu.ac.in

Web : https://vtu.ac.in

Prof. B. E. Rangaswamy, Ph.D

REGISTRAR

Phone: (0831) 2498100

Fax: (0831) 2405467

REF: VTU/BGM/BoS/598/2024-25/ 1813

DATE:

23 JUL 2024

CIRCULAR

Dear Sir/ Madam

Subject: 2021 scheme **Industry Internship /Research Internship (21INT82):**

Regarding

Reference:

1. Joint Board of Studies recommendation vide proceeding no. 01(g) meeting dated: 21.06.2024
2. Proceeding number 2.2.1 of 178th EC meeting dated 17.07.2024
3. VTU/BGM/Aca/BoS/2023/257, Dated: 10.04.2023
4. Dean Faculty of Engineering approval dated: 22.07.2024
5. Hon'ble Vice-Chancellor's approval Dated: 23.07.2024

This refers to the subject mentioned earlier, based on the recommendation of the Joint Board of Studies and approval by the EC of VTU, Belagavi, the duration of the Industry Internship/Research Internship (21INT82) under the 2021 scheme has been fixed to 15 weeks. The institute has the flexibility to interchange (swap) the internship between 7th and 8th semesters based on the total number of students, and the availability of internships (the colleges shall assist in getting internships to the students). This 15-week semester duration will help students to complete their academic requirements on time. The students have to follow the rules and guidelines for the Industry Internship/Research Internship which is made available @ <https://vtu.ac.in/pdf/regulations2021/anex4.pdf> (Annexure-IV Activities Under Internship).

1. An industry or research internship should be conducted under the supervision of a faculty mentor or guide (refer to clause 1.3 of Annexure IV: Activities Under Internship, page 06). The mentor or guide is responsible for assisting students in securing appropriate industry internships and ensuring that they acquire the necessary skills to benefit their future careers.
2. Students undertaking internships must maintain a daily diary (internship report) as specified in Annexure IV (Activities under Internship).
3. The faculty mentor or guide must adhere to the guidelines provided for the conduct of CIE and SEE. Additionally, they are responsible for guiding the intern

h

to ensure the smooth execution of the internship and the preparation of the internship report (daily diary).

4. The mentor/guide/college shall submit all related documents to the University whenever requested.
5. For an industry internship, the intern must adhere to all the safety regulations of the internship provider. Any deviation from these safety norms and the resulting consequences are solely the responsibility of the intern (student).
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 favorable 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.
8. As in the reference point number 03, students who are unable to secure an internship must take SKILL ENHANCEMENT COURSES, with credits totaling the same as those of the internship. Students are required to enroll in and complete the Skill Enhancement Courses available at (<https://online.vtu.ac.in/category/courses/Skill-Enhancement-Course>).

All the principals of autonomous/affiliated/constituent engineering colleges are hereby informed to bring the content of the circular to the notice of the Mentor/Guide for internship and the concerned students.



Sd/-
Registrar

To,

1. Principals of all A Engineering Colleges of the University
2. The Chairpersons of the University departments of VTU at Kalaburgi, Mysuru, Bengaluru and Belagavi

Copy to

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information and needful.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Director ITI SMU, VTU Belagavi for information and to make arrangements to upload the Academic Calendar on the VTU web portal.
5. The Director, Central Placement Cell, VTU Belagavi for information
6. Office copy


23/07/24
REGISTRAR


VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
B.E. in name of the Program
 Scheme of Teaching and Examinations 2021
 Outcome Based Education(OBE) and Choice Based Credit System (CBCS)
 (Effective from the academic year 2021 - 22)

Swappable VII and VIII SEMESTER**VII SEMESTER**

Sl. No	Course and Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination			Credits	
				Theory Lecture	Tutorial	Practical/ Drawing	Self -Study	Duration in hours	CIE Marks	SEE Marks		Total Marks
				L	T	P	S					
1	PCC 21XX71	Professional Core Course						3	50	50	100	3
2	PCC 21XX72	Professional Core Course						3	50	50	100	2
3	PEC 21XX73X	Professional elective Course-II						3	50	50	100	3
4	PEC 21XX74X	Professional elective Course-III						3	50	50	100	3
5	OEC 21XX75X	Open elective Course-II	Concerned Department					3	50	50	100	3
6	Project 21XXP76	Project work		Two contact hours /week for interaction between the faculty and students.				3	100	100	200	10
Total								350	350	700	24	

VIII SEMESTER

Sl. No	Course and Course Code	Course Title	Teaching Department	Teaching Hours /Week				Examination			Credits	
				Theory Lecture	Tutorial	Practical/ Drawing	Self -Study	Duration in hours	CIE Marks	SEE Marks		Total Marks
				L	T	P	S					
1	Seminar 21XX81	Technical Seminar		One contact hour /week for interaction between the faculty and students.				--	100	--	100	01
2	INT 21INT82	Research Internship/ Industry Internship		Two contact hours /week for interaction between the faculty and students.				03 (Batch wise)	100	100	200	15
3	NCMC	21NS83 National Service Scheme (NSS)	NSS	Completed during the intervening period of III semester to VIII semester.				--	50	50	100	0
		21PE83 Physical Education (PE) (Sports and Athletics)	PE									
		21YO83 Yoga	Yoga									
Total								250	150	400	16	

Professional Elective - II

21XX731		21XX734	
21XX732		21XX735	
21XX733			

Professional Elective - III

21XX741		21XX744	
21XX742		21XX745	
21XX743			

Open Electives - II offered by the Department to other Department students			
21XX751		21XX754	
21XX752		21XX755	
21XX753			
<p>Note: PCC: Professional Core Course, PEC: Professional Elective Courses, OEC–Open Elective Course, AEC –Ability Enhancement Courses. L –Lecture, T – Tutorial, P- Practical / Drawing, S – Self Study Component, CIE: Continuous Internal Evaluation, SEE: Semester End Examination.</p>			
<p>Note: VII and VIII semesters of IV year of the programme</p> <p>(1) Institutions can swap VII and VIII Semester Scheme of Teaching and Examinations to accommodate research internship/ industry internship after the VI semester.</p> <p>(2) Credits earned for the courses of VII and VIII Semester Scheme of Teaching and Examinations shall be counted against the corresponding semesters whether VII or VIII semester is completed during the beginning of IV year or later part of IV year of the program.</p>			
<p>PROJECT WORK (21XXP75): The objective of the Project work is</p> <ul style="list-style-type: none"> (i) To encourage independent learning and the innovative attitude of the students. (ii) To develop interactive attitude, communication skills, organization, time management, and presentation skills. (iii) To impart flexibility and adaptability. (iv) To inspire team working. (v) To expand intellectual capacity, credibility, judgment and intuition. (vi) To adhere to punctuality, setting and meeting deadlines. (vii) To install responsibilities to oneself and others. (viii) To train students to present the topic of project work in a seminar without any fear, face the audience confidently, enhance communication skills, involve in group discussion to present and exchange ideas. <p>CIE procedure for Project Work:</p> <p>(1) Single discipline: The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the Guide.</p> <p>The CIE marks awarded for the project work, shall be based on the evaluation of the project work Report, project presentation skill, and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.</p> <p>(2) Interdisciplinary: Continuous Internal Evaluation shall be group-wise at the college level with the participation of all guides of the college. Participation of external guide/s, if any, is desirable. The CIE marks awarded for the project work, shall be based on the evaluation of project work Report, project presentation skill, and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.</p> <p>SEE procedure for Project Work: SEE for project work will be conducted by the two examiners appointed by the University. The SEE marks awarded for the project work shall be based on the evaluation of project work Report, project presentation skill, and question and answer session in the ratio 50:25:25.</p>			
<p>TECHNICAL SEMINAR (21XXS81): The objective of the seminar is to inculcate self-learning, present the seminar topic confidently, enhance communication skill, involve in group discussion for the exchange of ideas. Each student, under the guidance of a Faculty, shall choose, preferably, a recent topic of his/her interest relevant to the program of Specialization.</p> <ul style="list-style-type: none"> (i) Carry out a literature survey, and systematically organize the content. (ii) Prepare the report with your own sentences, avoiding a cut and paste act. (iii) Type the matter to acquaint with the use of Micro-soft equation and drawing tools or any such facilities. (iv) Present the seminar topic orally and/or through PowerPoint slides. (v) Answer the queries and involve in debate/discussion. (vi) Submit a typed report with a list of references. <p>The participants shall take part in the discussion to foster a friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.</p> <p>Evaluation Procedure:</p> <p>The CIE marks for the seminar shall be awarded (based on the relevance of the topic, presentation skill, participation in the question and answer session, and quality of report) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of three teachers from the department with the senior-most acting as the Chairman.</p> <p>Marks distribution for CIE of the course:</p> <p>Seminar Report:50 marks Presentation skill:25 marks Question and Answer: 25 marks. ■ No SEE component for Technical Seminar</p>			
<p>Non-credit mandatory courses (NCMC):</p> <p>National Service Scheme/Physical Education (Sport and Athletics)/ Yoga:</p> <ul style="list-style-type: none"> (1) Securing 40 % or more in CIE,35 % or more marks in SEE, and 40 % or more in the sum total of CIE + SEE leads to successful completion of the registered course. (2) In case, students fail to secure 35 % marks in SEE, they have to appear for SEE during the subsequent examinations conducted by the University. (3) In case, any student fails to register for NSS, PE or Yoga/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have not completed the requirements of the course. In such a case, the student has to fulfill the course requirements during subsequently to earn the qualifying CIE marks subject to the maximum program period. (4) Successful completion of the course shall be indicated as satisfactory in the grade card. Non-completion of the course shall be indicated as Unsatisfactory. (5) These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the courses shall be mandatory for the award of a degree. 			