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Summer Internship-I — Complete Syllabus

BTEUP Diploma in Information Technology • 3rd Semester • Session 2026–27
Subject 3.8 (Internship) • Total 50 Marks • 2 Credits • 4 Weeks After 2nd Semester

About this document Summer Internship-I is subject 3.8 of the 3rd semester of the Diploma in Information Technology: a guided and supervised internship of 4 weeks, organised during the semester break after the 2nd semester examinations. It carries 50 marks and 2 credits. This document gives the internship description, the evaluation components and the examination scheme from the official curriculum.

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Examination Scheme

Code	Paper	Type	L	P	Credits	Internal	External	Total
3.8	Summer Internship-I (4 weeks after 2nd Sem.)	Internship	—		2	50	—	50
Summer Internship-I Total					**2**	**50**	**—**	**50**

What This Internship Aims To Do

Summer Internship provides an opportunity to students to experience the environment and culture of industrial production units and commercial activities undertaken in field organizations. It prepares students for their future role as diploma engineers in the world of work and enables them to integrate theory with practice.

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How the Internship Is Organised

The internship is a guided and supervised Summer Internship of 4 weeks duration, organised during the semester break starting after the first year, that is, after the 2nd semester examinations. The concerned HODs along with other teachers will guide and help students in arranging appropriate training places relevant to their specific branch. It is suggested that an internship schedule may be drawn for each student before the start of the internship in consultation with the internship providers. Students should also be briefed in advance about the organizational setup, product range, manufacturing process, important machines and materials used in the training organization. Equally important with the guidance is supervision of students' internship in the industry/organization by the teachers.

Students should be encouraged to write a daily report in their diary to enable them to write the final report and its presentation later on. Evaluation of the professional Summer Internship report through viva-voce/presentation aims at assessing students' understanding of materials, industrial processes, practices in industry/field organization and their ability to engage in activities related to problem solving in industrial setup, as well as understanding of the application of knowledge and skills learnt in real-life situations.

Evaluation Components

Component	Weightage
Punctuality and regularity	15%
Initiative in learning new things	15%
Presentation and VIVA	15%
Industrial training report	55%
Total	**100%**

The teacher along with field supervisors will conduct performance assessment of students. The components of evaluation are as listed above.

Note on the 50 marks: the internship text says “an external assessment of 50 marks has been provided in the study and evaluation scheme”, but the study and evaluation scheme table shows the 50 marks as internal, with no external marks. This document follows the scheme table (50 internal). Please confirm with your own polytechnic.

How to Prepare

The report carries more than half the marks (55%), so the daily diary is the real work of the internship: write every day what you saw, what you did, and what you learned, with names of machines, materials and processes. Attend every day and on time (punctuality and regularity, 15%), ask questions and volunteer for new tasks (initiative, 15%), and prepare the final

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presentation as a short story of your four weeks — what the organization does, what you worked on, and what you would do differently — because the presentation and viva (15%) test understanding, not memorisation.

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Source: BTEUP IRDT Kanpur NEP-2020 curriculum for Diploma in Information Technology, effective session 2026-27 (urise.up.gov.in). Topic lists follow the official syllabus; short explanations are the author's own plain-English summaries, not syllabus text. Please confirm with your own polytechnic for any local changes.

