



THIRD-YEAR DIPLOMA ELECTRICAL ENGINEERING SYLLABUS

Semester: 5th

Course Code: 002292506

Type of Course: SI

Course Name: SUMMER INTERNSHIP (4 WEEK)

Course Prerequisites:

COURSE OBJECTIVE(S):

Basic knowledge about all electrical engineering Subjects to apply concept in project.

COURSE OBJECTIVE(S):

Apply the theoretical and practical knowledge and abilities which have learned in disciplines and courses to a project that will work in a real-world working context, ideally one that is industrial. Explain what entrepreneurship is and how to become an entrepreneur. Field computing and gaining practical experience in the planning, designing and execution of civil engineering projects.

TEACHING & EXAMINATION SCHEME:

Teaching Scheme (Hrs/Week)				Examination Scheme					
Theory	Tutorial	Practical	Credit	External Marks		Internal Marks			Total
				Th	Pr	MSE	PLE	LA	
0	0	4	2	00	50	00	25	25	100

SEE: Semester End Examination; CA: Continuous Assessment; Th: Theory; Pr: Practical; MSE: Mid Semester Examination; PLE: Participatory Learning Experience; LA: Laboratory Assessment

TOTAL Practical Hours: No. of Practical Hrs/Week*15 = 30 Hrs.

INTERNSHIP GUIDELINES FOR STUDENT:

The T&P cell of the department/college will arrange internship for students in industries/organization after fourth Semester or as per AICTE guidelines. The general procedure for arranging internship is given below:

Step 1: Request Letter/ Email from the office of Training & Placement cell of the department/college should go to industry to allot various slots of Summer Internship (4 weeks) during summer vacation after 4th semester as internship periods for the students. Students request letter/profile/ interest areas may be submitted to industries for their willingness for providing the training.

Step 2: Industry will confirm the summer internship-II slots and the number of seats allocated for internships via Confirmation Letter/ Email. In case the students arrange the summer internship-II themselves the confirmation letter will be submitted by the students in the office of Training & Placement cell of concerned department. Based on the number of slots agreed to by the Industry / University guideline, TPO in consultation with Head of the Department (HOD) will allocate the students to the industry. In addition, the Internship slots may be conveyed through Telephonic or Written Communication (by Fax, Email, etc.) by the TPO or other members of the T&P cell / Faculty members who are particularly looking after the Summer Internship-II of the students.

Step 3: Students on joining summer internship-II at the concerned Industry / Organization, submit the Joining Report/Letters / Email.



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Step 4: Students undergo industrial training/ summer internship at the concerned Industry / Organization. In-between internship guide/supervisor evaluate(s) the performance of students once/twice by visiting the Industry/Organization or if field visit is not possible then he/she may contact students by video calling and evaluate accordingly.

Step 5: Students will submit training report after completion of internship to their internship guide/supervisor.

Step 6: Department will keep all the record of the students.

SUGGESTED STUDENT ACTIVITIES:

- I. Perform various tasks given by industry resources person during offline internship.
- II. Summer Internship program Interns are required to give a presentation before the review committee consisting of a group of academic staff members.
- III. The review committee gives feedback and suggests possible improvements in the work.
- IV. At the end of the program all the Summer Internship program Interns make a poster presentation of the work carried out. The poster presentation is open to the public. It is also evaluated by faculty members.
- V. A completion certificate will be issued to all Summer Internship program Interns only after the completion of internship tenure.

Text Book(s):

· AICTE Internship Policy.pdf (aicte-india.org)

Web Material Link(s):

- <http://www.gksgujarat.org/>
- <http://www.gksgujarat.org/>
- <https://anubandham.gujarat.gov.in/home>
- <https://kaushalyaskilluniversity.ac.in/>
- <https://www.internshala.com>
- <https://swayam.gov.in>
- <https://nptel.ac.in/>
- <https://neat.aicte-india.org/>

PRACTICAL EVALUATION:

Sr. No.	Activity	Marks	Weightage
1	External Mentors Evaluation	30	30%
2	Student Attendance Report	10	10%
3	6-week Worksheet Reports	20	20%
4	Internship Report preparation	20	20%
5	Presentation Evaluation/viva-voce	20	20%
	TOTAL :	100	

* For 4 Credit Subjects

1 Credit = 25 Marks



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Theory: 3 Credits = 75 Marks

Practicals: 1 Credit = 25 Marks

SEE Evaluation will be of 100 marks and converted to 50 Marks (75 Th + 25 Pr)

CA Evaluation will be of 100 Marks and converted to 50 Marks. (75 Th + 25 Pr)

ARRANGEMENT OF CONTENTS IN INTERNSHIP REPORT:

The sequence in which the project report material should be arranged as follows:

TYPING INSTRUCTIONS:

- The impression on the typed copies should be black in colour.
- The project report should be submitted in A4 size (29 cm x 20 cm).
- Good quality or Bond paper should be used for the preparation of the project report.
- Typing should be done on one side of the paper with character font in size 12 of Times New Roman.
- 1.5 line spacing should be used for typing the general text.
- Subheading should be typed in bold Font size 12 and heading bold Font size 14.
- The layout should provide a margin of 1.50 Inches on the left, 1.00 Inches on the top, bottom and right.
- The page numbers should be indicated at the top-middle or bottom-middle of the each page.
- Headings should be in bold should not underline the heading/subheadings and should not put colons (:) in headings or subheadings.

LIST OF DOCUMENTS TO BE PREPARED FOR SUBMISSION:

- All 4 weeks Work Report Sheet signed by internal/external mentor from industry (suggested format given in syllabus).
- Student Attendance Sheet Report for summer internship (suggested format given in syllabus).
- Detail report duly signed and approved by the internal/external mentor from industry.
- Presentation softcopy approved by the internal/external mentor from industry.
- Poster of summer internship activities approved by the internal/external mentor from industry.

Distribution of Marks for Theory Evaluation as per Bloom's Taxonomy Level:

Level	Remember	Understand	Apply	Analyse	Evaluate	Create
% Weightage	10%	10%	32%	15%	15%	18%

COURSE OUTCOMES:

CO1	Learn and adopt the engineer's role and responsibilities with ethics
CO2	Develop Skills required for business environment, operations, and procedures.
CO3	Understand the psychology of the workers and their habits, attitudes and approach to problem solving.
CO4	Get possible opportunities to learn, understand and sharpen the technical skills required for technical advancement.



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CO5	Develop life-long learning skills for a successful professional career.
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STUDENT INTERNSHIP REGISTRATION

Student Details												
Enrollment Number												
Student Name												
Student Details	Mobile Number:											
	Email Address:											
Branch Name												
Institute Name												
Mentor Details(Institute)	Name:											
	Designation:											
	Mobile No:											
	Email Address:											
Industry Details	Name:											
	Address:											
	Email:											
	Phone:											



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Mentor Details(Industry)	Name:
	Designation:
	Mobile No:
	Email Address
Mode of Internship Carried Out	Offline
Title of Internship Carried out	
Nature of Work Carried Out	Construction/maintenance/repair/retrofitting/restoration/design/irrigation/survey/soil/testing Other please Specify _____

Student's Signature _____

Internship Mentor's Signature _____

INTERNSHIPSUGGESTED 4 WEEK WORK SHEET REPORT

Student Name: _____ Date: _____

Work Supervisor: _____

Company/Organization: _____

Internship Address: _____

Dates of Internship: From _____ to _____

Week Number	Start Date to End Date	Tasks to be assigned	Tasks to be completed	Remarks
Week1				
Week2				
Week3				
Week4				



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Week5				
Week6				

Any Suggestion/Remarks

Signature of Industry supervisor_____

SUGGESTED STUDENT ATTENDANCE SHEET REPORT

Student Name: _____ Date: _____

Work Supervisor: _____

Company/Organization: _____

Internship Address: _____

Dates of Internship: From _____ to _____

Student's Attendance Sheet

Week No	Day of week	Day1	Day2	Day3	Day4	Day5	Day6	Total Present days
Week1	Date							
	PR/AB							



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Week2	Date							
	PR/AB							
Week3	Date							
	PR/AB							
Week4	Date							
	PR/AB							
Week5	Date							
	PR/AB							
Week6	Date							
	PR/AB							
Total Count of student's presents during internship								
Total Working days of company during internship								
Student's percentage present during internship								

Signature of Industry supervisor_____

SUMMER INTERNSHIP SUGGESTED LETTER FOR COMPLETION

[Company/Institute/Department letterhead]

No:

Date



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This is to certify that, Mr./Mrs _____ Enrollment
Number of Student _____ Has successfully completed a four-weeks
Internship in the field of _____ from the date: _____ to
date: _____.

[80% Attendance is mandatory for completion of Internship]

During the period of his/her summer internship program with us, He / She were exposed to following
different activities/processes and were found sincere and hard working.

1. _____
2. _____
3. _____
4. _____

Internship Mentor Signature with stamp

SUPERVISOR EVALUATION OF INTERN

Student Name: _____ Date: _____

Work Supervisor: _____



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Company/Organization: _____

Internship Address: _____

Dates of Internship: From _____ to _____

Please evaluate your intern by indicating the frequency with which you observed the following behaviours:

Parameters	Needs Improvement	Satisfactory	Good	Excellent
Behaviors				
Cooperates with co-workers and supervisors				
Shows interest in work				
Shows initiative				
Accepts responsibility				
Demonstrates organizational skills				
Uses technical knowledge and expertise				
Demonstrates creativity/originality				
Analyzes problems effectively				
Communicates well				
Has a professional attitude				
Is punctual				

Overall performance of student in term (circle one):

(Needs improvement/Satisfactory/ _____ Good/ _____ Excellent)

Additional comments, if any:

Internship Mentor Signature with stamp



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INTERNSHIP EVALUATION REPORT

Student Name: _____ Date: _____

Work Supervisor: _____

Company/Organization: _____

Internship Address: _____

Dates of Internship: From _____ to _____

Sr.No.	Name Of Student	Enr.No.	Marks To Be Awarded By			Overall Grade
			Punctuality Grade(Satisfactory/Good/Excellent)	Maintenance Of Daily Diary Grade(Satisfactory/Good/Excellent)	Skill Test Grade(Satisfactory/Good/Excellent)	

Additional comments, if any:

Signature of Faculty Mentor: _____ Head of Department: _____

With date and stamp