

Gujarat Technological University
Shantilal Shah Engineering College, Bhavnagar
Applied Mechanics Department
B.E. 8th Sem. Civil Engineering

Subject:(3180601) Internship/Major Project

It is instructed to all the students of B.E. 8th Sem. Civil that as per GTU syllabus, each student has to complete the internship individually. The faculty mentor name for the students of Div. B is given below in the list. The faculty mentors for students of Div. A will be displayed separately by the Civil Engineering Department. The detailed guidelines for internship given in GTU Syllabus.

Duration: Minimum 12 weeks

Sr. No.	Roll No.	Enrollment No.	Name of Student	Faculty Mentor
1	1058	220433106040	Kava Prashant Arvindbhai	Prof. A. A. Pandya Email: aapandya@amd.ssgec.a c.in
2	1059	220433106041	Khodiyar Vivek Dilipbhai	
3	1060	220433106042	Makwana Gopal Rameshbhai	
4	1061	220433106045	Nandan Vasoya	
5	1062	220433106046	Otaradi Sarjankumar Bavkub	
6	1063	220433106047	Pandya Dhruva Jigneshbhai	Prof. D. H. Solanki Email: dhsolanki@amd.ssgec.a c.in
7	1064	220433106048	Pandya Harsh Kiritbhai	
8	1065	220433106049	Parmar Devarsh Bharatbhai	
9	1066	220433106051	Parmar Ketanbhai Hareshbhai	
10	1067	220433106053	Parmar Yash Rameshbhai	
11	1068	220433106054	Parmar Yashkumar Bharatbh	Prof. D. P. Advani Email: dpadvani@amd.ssgec.ac .in
12	1069	220433106055	Patel Darshan Gaurang	
13	1070	220433106058	Patel Zuberhussain Daudbhai	
14	1071	220433106059	Raaj Vyas	
15	1072	220433106060	Rathod Dharen Udaysing	
16	1073	220433106062	Rathod Rituben Babubhai	
17	1074	220433106063	Saiyad Mohammadtaha Ayub	

Sr. No.	Roll No.	Enrollment No.	Name of Student	Faculty Mentor
18	1075	220433106065	Sarvaiya Kuldip Bharatbhai	Prof. H. K. Sarvaiya Email: hksarvaiya@amd.ssgec. ac.in
19	1076	220433106066	Sarvaiya Prakash Vikrambhai	
20	1077	220433106069	Shah Romil Kirtibhai	
21	1078	220433106070	Shiyal Mangabhai Najabhai	
22	1079	220433106071	Shukal Dharmik Hiteshbhai	
23	1080	220433106072	Solanki Aniruddh Bharatbhai	
24	1081	220433106074	Solanki Parthkumar Dipakbhai	
25	1082	220433106077	Soni Vansh Sagarbhai	
26	1083	220433106078	Trada Yogita Rameshbhai	
27	1084	220433106079	Vadher Ashish Kirtikumar	
28	1085	220433106080	Vaghela Jatin Arvindhbhai	
29	1086	220433106081	Vegad Santoshbhai Nanubhai	
30	1087	220433106082	Vora Urvisha Dineshbhai	Prof. B. H. Solanki bhsolanki@amd.ssgec.a c.in
31	1088	220433106083	Yagnik Snehal Rushabhkumar	
32	1089	220433106084	Zala Avirajsinh Dharmdev	
33	1090	220433106085	Zala Jeetrajsinh Mayursinh	
34	1092	200430106044	Mori Parthkumar Jesingbhai	
35	1093	210430106508	Bharakhada Darshan Gopalbhai	

Copy submitted for information

Head, Civil Engineering Department

Date: 04-Feb-2024

Head of Department

Applied Mechanics Department

S. S. Engineering College,

Bhavnagar

General Guideline to B.E. 8th Sem. Civil Engineering Students for (3180601) Internship/Major Project

It is instructed to B. E. 8th Semester Civil Engineering students that your 8th Semester will be Internship (3180601) as per GTU syllabus. You are advised to refer to the reference given below for further detailed guidance.

- The brief guideline is as follows:
 1. The student has to decide where he/she will take an Internship in the first week of the semester.
 2. The student will submit the internship detail to the faculty mentor in the second week of the semester.
 3. The internship must be a minimum of twelve weeks in an Industry.
 4. The Department Committee at least two times during a semester will evaluate the student performance.
 5. End semester external evaluation will be at the institute. The student will give a presentation based on his/her work.

- The documents' student has to submit in their project report.
 1. Student Diary [Format 1].
 2. Student Attendance [Format 2].
 3. Student's weekly record [Annexure 1].
 4. Feedback Form by Industry Expert [Annexure 2]
 5. Internship Synopsis [Format 3].
 6. Project Report.

- Reference
 1. [GTU Circular, GTU/Acad/Internship=Project/20201/5983, Dated 20/10/2021.](#)
 2. [GTU Syllabus 3180601- Internship/Major Project](#)
 3. [AICTE Internship Policy: Guidelines & Procedures](#)

Format:1: Student Diary

DAY-1		DATE	
Time of arrival		Time of Departure	Remarks
Deptt./Division		Name of finished Product	
Name of HOD/ Supervisor			
With e-mail id			
Main points of the day			

Signature of Industry Supervisor

Format:2: Student Attendance

(For 4 years Degree Programme. / M.Tech. & MBA)

Name & Address of Organization

Name of Student																															
Roll. No																															
Name of Course																															
Date of Commencement of Trg.:																															
Date of Completion of Training:																															

Initials of the student

Month & Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

Note :

1. Attendance Sheet should remain affixed in Daily Training Diary. **Do not remove or tear it off.**
2. Student should sign/initial in the attendance column. Do not mark 'P'
3. Holidays should be marked in **Red Ink** in attendance column. Absent should be marked as '**A**' in **Red Ink**.

Signature of Company internship supervisor

with company stamp/ seal

(Name _____) Contact No.

Format 3: Internship Synopsis

An internship is a unique learning experience that integrates studies with practical work. This agreement is written by the student in consultation with the faculty Mentor and Industrial supervisor. It shall serve to clarify the educational purpose of the internship and to ensure an understanding of the total learning experience among the principal parties involved.

Part I: Contact Information

Student

Name: _____ Student ID# _____ Class Year: _____

Campus Address: _____

City, State: _____

Phone: _____ Email: _____

Industrial Supervisor

Name: _____ Title: _____

Company/Organization: _____

Internship Address: _____

City, State, Pin: _____

Phone: _____ Email: _____

Faculty Mentor

Name: _____ Phone: _____

Campus Address: _____

Academic Credit Information

Internship Title: _____ Department: _____

Course #: _____ Credits: _____

Grading Option: _____ Credit/Non-credit _____

Beginning Date: _____ Ending Date: _____

Hours per Week: _____ Internship is: _____ Paid _____ Unpaid _____

Part II: Internship Objectives/Learning Activities

Internship Objectives: What do you intend to learn, acquire and clarify through this internship? Try to use concrete, measurable terms in listing your learning objectives under each of the following categories:

- Knowledge and Understanding

- Skills

Learning Activities: How will your internship activities enable you to acquire the knowledge/understanding, and skills you listed above?

On the job: Describe how your internship activities will enable you to meet your learning objectives. Include projects, research, report writing, conversations, etc., which you will do while working, relating them to what you intend to learn.

Teaching/Mentoring Activities: How your technical knowledge can be applied at the site of the internship. How you can create value through mentoring/help people learn new things.

Off the job: List reading, writing, contact with faculty supervisor, peer group discussion, field trips, observations, etc., you will make and carry out which will help you meet your learning objectives.

Evaluation: Your Internship supervisor will provide a written evaluation of your internship. Describe in detail what other evidence you will provide to your faculty Mentor to document what you have learned (e.g. journal, analytic paper, project, descriptive paper, oral presentation, etc.) Include deadline dates.

Part III: The Internship

Job Description: Describe in as much detail as possible your role and responsibilities while on your internship. List duties, project to be completed, deadlines, etc. How can you contribute to the organization/site of internship.

Supervision: Describe in as much detail as possible the supervision to be provided/needed at the work site. List what kind of instruction, assistance, consultation you will receive from whom, etc.

Evaluation: How will your work performance be evaluated? By whom? When?

Part IV: Agreement

This contract may be terminated or amended by student, faculty coordinator or work supervisor at any time upon written notice, which is received and agreed to by the other two parties.

Student _____

Date _____

Faculty Mentor _____

Date _____

Industry Supervisor _____

Date _____

Annexure 1: Student's Weekly Record of Internship

Annexure 1

Enrollment no: _____

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: _____

DIARY OF THE WEEK: Dt: _____ TO _____

DEPARTMENT: _____ SEM: _____

NAME OF THE ORGANISATION: _____

NAME OF THE PLANT/SECTION/DEPARTMENT: _____

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: _____

DESCRIPTION OF THE WORK DONE IN BRIEF

Annexure 1: Student's Weekly Record of Internship

TOTAL HOURS: -----	----- SIGNATURE OF STUDENT
★ The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR	
Signature of Faculty Mentor	Signature of officer-in-charge of Dept. / Section / Plant
Date:	Date:
★ Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.	

SUPPLEMENTARY NOTES (add additional sheets if required)

Annexure 2: Feedback Form by Industry Expert

Annexure 2

Feedback Form by Industry expert

Student Name:

Date:

Work Supervisor:

Title:

Company/Organization:

Enrollment No:

Internship Address:

Dates of Internship: From _____ to _____

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

Parameters	Needs improvement	Satisfactory	Good	Excellent
Shows interest in work and his/her initiatives				
Produces high quality work and accepts responsibility				
Uses technical knowledge and expertise				
Analyzes problems effectively				
Communicates well and writes effectively				

Overall performance of student intern: (Needs improvement/ Satisfactory/Good/Excellent):

Additional comments, if any:

Signature of Industry person with name and Stamp:

Signature of the Faculty Mentor



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(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Internship / Project Report Guidelines (Subject Code: 3180701)

Following are the guidelines for the preparation of 8th Semester Internship / Project Report.

PAPER: Use A4 (210mm X 297mm) Paper.

MARGINS: Margins for pages including the regular text should be as below:

Left	: 1.25 Inches
Right	: 1.0 Inch
Top	: 1.0 Inch
Bottom	: 1.0 Inch

CONTENTS: Following should be the order of contents for the report. This order should be strictly maintained.

- I. Cover Page
- II. First Page
- III. College Certificate
- IV. Company Certificate
- V. Candidate's Declaration
- VI. Acknowledgement
- VII. Abstract
- VIII. List of Figures (Format given at the end)
- IX. List of Tables (Format given at the end)
- X. List of Symbols, Abbreviations and Nomenclature
- XI. Table of Contents (Format given at the end)
- XII. Chapters 1 to n
- XIII. Appendix (optional)
- XIV. References / Bibliography

1 Cover Page & Title Page – A specimen copy of the Cover page & Title page of the project report are given in Appendix 1.

2 Certificate – The Certificate shall be in double line spacing using Font Style Times New Roman and Font Size 14, as per the format in Appendix 2 (Institute Certificate) and Appendix 3 (Company Certificate).

3 Declaration – The candidate's declaration shall be in double line spacing using Font Style Times New Roman and Font Size 14, as per the format in Appendix 4.

4 Acknowledgement - The Certificate shall be in double line spacing using Font Style Times New Roman and Font Size 12



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5 Abstract – Abstract should be one page synopsis of the internship report typed 1.5 line spacing, Font Style Times New Roman, italics and Font Size 14. It should contain the objectives of the internship.

6 List of Figures – The list should use exactly the same captions as they appear below the figures in the text. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the Table of Contents of the project report is given in Appendix 5. Figure copied from some paper or website has to be captioned with “Courtesy of ___ _”

7 List of Tables – The list should use exactly the same captions as they appear above the tables in the text. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the Table of Contents of the project report is given in Appendix 6.

8 List of Symbols, Abbreviations and Nomenclature – One and a half spacing should be adopted or typing the matter under this head. Standard symbols, abbreviations etc. should be used. A specimen copy of the Table of Contents of the project report is given in Appendix 7.

9 Table of Contents – The table of contents should list all material following it as well as any material which precedes it. The title page and Certificate will not find a place among the items listed in the Table of Contents but the page numbers of which are in lower case Roman letters. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the Table of Contents of the project report is given in Appendix 8.

10 Chapters – The chapters may be broadly divided as given in Appendix 9. The main text will be divided into several chapters and each chapter may be further divided into several divisions and sub-divisions, as required.

- Each chapter should be given an appropriate title.
- Tables and figures in a chapter should be placed in the immediate vicinity of the reference where they are cited.
- Footnotes should be used sparingly. They should be typed single space and placed directly underneath in the very same page, which refers to the material they annotate.

11 Appendices – Appendices are provided to give supplementary information, which is included in the main text may serve as a distraction and cloud the central theme.

- Appendices should be numbered using Arabic numerals, e.g. Appendix 1, Appendix 2, etc.
- Appendices, Tables and References appearing in appendices should be numbered and referred to at appropriate places just as in the case of chapters.
- Appendices shall carry the title of the work reported and the same title shall be made in the contents page also.

12 List of References –The listing of references should be typed 4 spaces below the heading “REFERENCES” in alphabetical order in single spacing left – justified. The reference material should be listed in the alphabetical order of the first author. The name of the author/authors should be immediately followed by the year and other details.



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Website citation has to be very specific not like 'google.com' or 'wikipedia.org'.

Figure copied from some paper or website has to be captioned with "Courtesy of _____"

A typical illustrative list given below relates to the citation example quoted above.

REFERENCES

1. Aripnammal, S. and Natarajan, S. (1994) 'Transport Phenomena of Sm Sel – X Asx', Pramana – Journal of Physics Vol.42, No.1, pp.421-425.
2. Barnard, R.W. and Kellogg, C. (1980) 'Applications of Convolution Operators to Problems in Univalent Function Theory', Michigan Mach, J., Vol.27, pp.81-94.
3. Shin, K.G. and Mckay, N.D. (1984) 'Open Loop Minimum Time Control of Mechanical Manipulations and its Applications', Proc.Amer.Contr.Conf., San Diego, CA, pp. 1231-1236.

- **Table and figures** - By the word Table, is meant tabulated numerical data in the body of the project report as well as in the appendices. All other non-verbal materials used in the body of the project work and appendices such as charts, graphs, maps, photographs and diagrams may be designated as figures.

FOLLOWING MUST BE STRICTLY FOLLOWED

TOP-LEFT CORNER	: Project ID of the student
TOP-RIGHT CORNER	: Chapter Heading
BOTTOM-LEFT CORNER	: Gujarat Technological University
BOTTOM-CENTER	: Page number
BOTTOM-RIGHT CORNER	: College Name

NUMBERING

All pages in the report **except the cover pages and dedication page** must be numbered. All the page numbers should be located at the **BOTTOM CENTER** of the page.

The page numbering starting from candidate's declaration up to the beginning of the chapters should be numbered in small roman letters, i.e. i, ii, ...

The page numbering starting from the beginning of Chapter 1 up to the end of the report, should be numbered in Arabic numerals, i.e. 1,2, 3,....

PREPARATION OF CHAPTERS

Color:

All the text including Tables should be Black prints. However, Graphs and Figures can have color prints.



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Font :

Chapter Headings : Times New Roman 16pts, bold print all capitals

Section Headings : Times New Roman 14 pts, bold print all capitals

Subsection Headings : Times New Roman 12 pts, bold print leading capitals (only first letter in each word should be capital)

Regular Text : Times New Roman 12 pts, normal prints

Special Text : Times New Roman Italics 12 pts (for foot notes, symbols, quotes, Mathematical notations....)

SPACING/ALIGNMENT

Use 1.5 spacing between lines of regular text

Use double spacing between:

1. Paragraphs
2. Chapter title and section Heading
3. Section heading and paragraphs
4. Table Title and Table
5. Figure Title and Figure

Use single spacing between:

1. text corresponding to bullets, listing and quotes in the main body of text

All paragraphs in the report are to be fully justified from the first line to the last line and should start from left without any hyphenation/indent. Text corresponding to bullets, listings and quotes in the main body of text should be indented.

SECTION/SUBSECTION NUMBERING

Section numbering should be left justified using bold print with Arabic numerals and decimals.

Section numbering: <Chapter.Section number> <3 blanks> Section heading

Example: 1.1, 2.1

Subsection numbering: <Chapter.Subsectionnumber>

Example: 1.2.1

EQUATIONS/FORMULAS

Numbering for equation if necessary, should be done in the following format:

(Chapter number. Section number. Equation serial number)

Example:

$$Y = mx + b \quad (3.1.1)$$

FIGURES: Figures should follow immediately after/on immediate next page after they are referred to for the first time in the text. Figure headings should be given at the bottom of the



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figure. All the figures in landscape format must be placed in such a way that their top portions are to the left side of the page. However, numbering should be at the bottom of the report for landscape page (similar to the next page). All figures are to be central aligned on the page.

Format for Figure Heading:

Fig. <blank> Chapter number. Figure Serial number <3 blanks> Figure title (center aligned, leading caps)

Example:

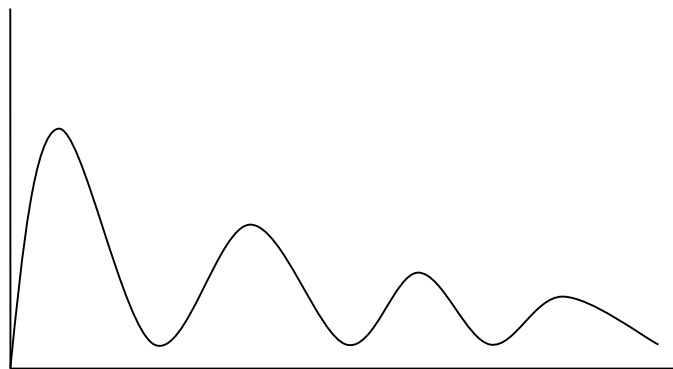


Fig 6.13 Typical Component Event

DIAGRAMS:

Diagrams larger than A4 size are not encouraged. If larger sizes are absolutely necessary, they should be folded to A4 size. Each drawing is to be numbered and referred to as Figures only. Diagram title should be similar to figure titles.

TABLES:

Tables should follow immediately after/on immediate next page after they are referred to for the first time in the text. Table heading should be given at the top of the table. All the tables in landscape format must be placed in such a way that their top portions are to the left side of the page. However, numbering should be at the bottom of the report for landscape page. All tables are to be central aligned on the page.

Format for Table heading:

Table <blank> Chapter number. Table Serial number <3 blanks> Table Title (center aligned, leading caps)

Example:

Table 6.13 Comparison of methods



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EXPERIENCE :Candidate should include the environment and support provided by the respective company, co-operation of the people. Please mention if the job has been offered.

BINDING :The report should Hard Bounded. The cover should be black and print in **gold letters** and the text for printing should be identical.

NUMBER OF COPIES:

The student/group must submit (no of student) +2 copies

Ex. Assume that there are 2 students in a group.

No. of copies will be: 4

One personal copy of each individual candidate (=2)

Two copies to the college.



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Appendix 1 - Cover Page <Remove this>

[TITLE OF THE PROJECT]

<1.5 line spacing>

A PROJECT REPORT

Submitted by

<Italic>

[NAME OF THE CANDIDATE]

[GTU Enrolment Number]

In partial fulfillment for the award of the degree of

<1.5 line spacing><Italic>

BACHELOR OF ENGINEERING

in

[Name of the Department]

[Name of the Institute with City]



Gujarat Technological University, Ahmedabad

<1.5 line spacing>

[Month, Year]



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Appendix 2

Institute
Logo

GTU
Logo

[Name of the Institute]

Institute Address

CERTIFICATE

This is to certify that the project report submitted along with the project entitled <Internship / Project Title> has been carried out by <Name of Student> under my guidance in partial fulfillment for the degree of Bachelor of Engineering in <Name of the Branch>, 8th Semester of Gujarat Technological University, Ahmadabad during the academic year 2021-22.

<Sign>

<Sign>

<Name of Internal Guide>

<Name of Head of the Department>

Internal Guide

Head of the Department



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Appendix 3

[Industry Letter Head]

Date: DD/MM/YYYY

TO WHOM IT MAY CONCERN

This is to certify that <Student Name>, a student of <Institute Name> has successfully completed his/her internship in the field of <Internship Area / Field> from <Start Date> to <End Date> (Total number of Weeks: ___) under the guidance of <Industry Mentor>.

His internship activities include <Internship Activities>.

During the period of her/ his internship program with us, he / she had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

For <Industry Name>

Authorised Signature with Industry Stamp



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Appendix 4



[Name of the Institute]

Institute Address

DECLARATION

We hereby declare that the Internship / Project report submitted along with the Internship / Project entitled <Internship / Project Title> submitted in partial fulfillment for the degree of Bachelor of Engineering in <Name of the Branch> to Gujarat Technological University, Ahmedabad, is a bonafide record of original project work carried out by me / us at <Industry / Institute Name> under the supervision of <External / Internal Guide Name> and that no part of this report has been directly copied from any students' reports or taken from any other source, without providing due reference.

	Name of the Student	Sign of Student
1	_____	_____
2	_____	_____



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Appendix 7

Abbreviations

ALU	Arithmetical & Logical Unit
SDLC	Software Development Life Cycle
α	Symbolic Speed
β	Efficiency



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Details of Chapters

- 1.0 Overview of the Company
 - 1.1 History
 - 1.2 Different product / scope of work
 - 1.3 Organization chart
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- 2.0 Overview of different plant/unit/department/shop of the organization and Layout of the production/process being carried out in company
 - 2.1 It includes the details about the work being carried out in each department.
 - 2.2 List the technical specifications of major equipment used in each department.
 - 2.3 Prepare schematic layout which shows the sequence of operation for manufacturing of end product.
 - 2.4 Explain in details about each stage of production.
- 3.0 Introduction to Project / Internship and Project / Internship Management
 - 3.1 Project / Internship Summary – Key To a good summary is the FIRST sentence, which MUST contain the most essential information that you wish to convey.
 - 3.2 Purpose
 - 3.3 Objective
 - 3.4 Scope (what it can do and can't do)
 - 3.5 Technology and Literature Review
 - 3.6 Project / Internship Planning
 - 3.6.1 Project / Internship Development Approach and Justification
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 - 4.4 System Feasibility
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 - 4.4.3 Can the system be integrated with other systems which are already in place?
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- 4.7 List Main Modules / Components / Processes / Techniques of New System / Proposed System
- 4.8 Selection of Hardware / Software / Algorithms / Methodology / Techniques / Approaches and Justification
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 - 5.1 System Design & Methodology
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- 8.0 Conclusion and Discussion
 - 8.1 Overall Analysis of Internship / Project Viabilities
 - 8.2 Photographs and date of surprise visit by institute mentor**
 - 8.3 Dates of Continuous Evaluation (CE-I and CE-II)**
 - 8.4 Problem Encountered and Possible Solutions
 - 8.5 Summary of Internship / Project work
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Ref: GTU/Acad/Internship-Project/2021/5983

Date 27/10/2021

General Guidelines for Internship/Project

General Guidelines for Internship or Industrial Defined Project:

Student's Diary/ Weekly Log:

- The students should record the day to day observations, impressions, information gathered and suggestions given, if any in the weekly diary. It should contain the related sketches and drawings and other relevant observations made by the students. The format of weekly diary is attached herewith as Annexure 1.
- Student's diary and Internship/Project Report should be submitted by the students along with attendance record and an evaluation sheet duly signed and stamped by the industry to the Institute immediately after the completion of the training. It will be evaluated on the basis of the following criteria:
 - a) Regularity in maintenance of the diary.
 - b) Adequacy and quality of information recorded.
 - c) Drawings, sketches and data recorded if any.
 - d) Thought process and recording techniques used.
 - e) Organization of the information collected

Internship Report

- After completion of Internship, the student should prepare a comprehensive report to indicate what he/she has observed and learnt during the Internship duration. The student may contact Industry person for assigning relevant topics and problems relevant to his/her study areas. Accordingly he/she should prepare the final report. The Internship report will be evaluated on the basis of following criteria:
 - a) Originality (if applicable)
 - b) Adequacy and purposeful write-up
 - c) Organization, format, drawings, sketches, style, language etc.
 - d) Variety and relevance of learning experience
 - e) Practical applications, relationships with basic theory and concepts taught in the course.

The internship/Project of the students will be evaluated as per below:

- Evaluation in terms of Feedback by Industry - The industry will provide feedback of the students based on the Punctuality, eagerness to learn, Maintenance of Daily Diary and skill test. The format of feedback is attached as Annexure 2. It is responsibility of the faculty mentor of the Institute to collect the filled feedback form from the Industry and submit to the concerned Department.
- Continuous evaluation by the Departmental Committee – Faculty Mentor will make a surprise visit to the Industry, to check the student's physical presence and progress of the work. If the student is found absent without prior intimation appropriate action will be taken as per University norms.



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Continuous evaluation will be carried out by the Departmental Committee at least two times during the Semester. Committee will comprise of 2-3 members including faculty mentor for evaluation.

- End Semester external evaluation at the Institute. The student will give a presentation based on his/her work. The evaluation will be based on the following criteria:
 - a) Quality of content presented
 - b) Work plan and execution
 - c) Effectiveness of presentation
 - d) Depth of knowledge and skills
 - e) attendance record, weekly diary, departmental reports, Industry feedback shall also be analyzed along with the Internship/Project Report

General Guidelines for User Defined Project:

- The group size of the project team shall not be preferably more than 4 students. In case it is required to have more students, it shall be approved by a department committee.

STUDENT'S DIARY/ WEEKLY LOG:

- The students should record the day to day observations, impressions, information gathered and suggestions given, if any in the weekly diary. It should contain the related sketches and drawings and other relevant observations made by the students. The format of weekly diary is attached herewith as Annexure 1.
- Student's Diary and Project Report should be submitted by the students along with attendance record by the faculty mentor to the Institute immediately after the completion of the training. It will be evaluated on the basis of the following criteria:
 - a) Regularity in maintenance of the diary
 - b) Adequacy & quality of information recorded
 - c) Drawings, sketches and data recorded if any
 - d) Thought process and recording techniques used
 - e) Organization of the information collected

Project Report:

- After completion of project, the student should prepare a comprehensive report to indicate what he/she has observed and learnt during the project duration. The student may contact Faculty mentor for assigning relevant topics and problems relevant to his/her study areas. Accordingly he/she should prepare the final report. The project report will be evaluated on the basis of following criteria:
 - a) Originality (if applicable)
 - b) Adequacy and purposeful write-up
 - c) Organization, format, drawings, sketches, style, language etc.
 - d) Variety and relevance of learning experience
 - e) Practical applications, relationships with basic theory and concepts taught in the course



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The Project of the students will be evaluated as per below:

- Continuous evaluation by the Departmental Committee – Continuous evaluation will be carried out by the Departmental Committee at least two times during the semester. Committee will comprise of 2-3 members including faculty mentor for evaluation.
- End Semester external evaluation at the Institute: The student will give a presentation based on his/her work. The evaluation will be based on the following criteria:
 - a) Novelty of work
 - b) Team work and Project Management
 - c) Quality of Report and presentation
 - d) Technical Content
 - e) Quality and quantum of work

General guidelines for Internship/IDP/UDP:

- The department will identify whether the student will undergo Internship/IDP/UDP within first 2 weeks of the semester.
- For Internship/IDP/UDP, the departmental committee will approve the project/Internship proposal.
- The committee will also identify roles and the responsibility of the student group members.
- The duration of internship will be twelve weeks. Each student must be assigned a faculty as a mentor from the college. Preferably internship is to be provided to the students of all the branches.
- There will be maximum of 20 students per batch for End semester viva.
- At least 2 mid semester review must be done at college level.
- Each faculty can mentor maximum 3 groups/12 students.

Registrar

19/10/14



AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070



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AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES



CHAPTER 1

INTERNSHIP & ITS IMPORTANCE

1.1 INTRODUCTION

The rise in global competition has prompted organizations to devise strategies to have a talented and innovative workforce to gain a competitive edge. Developing an internship policy is an impactful strategy for creating a future talent pool for the industry. The Internship program not only helps fresh pass-outs in gaining professional know-how but also benefits, corporate on fresh perspectives on business issues and even discovering future business leaders.

The interaction of Technical Institutions with the industries has been restricted to the level of faculty communications and 2 to 4 hour industrial visits by the students generally. The institutions are under a great stress to renew education offered by them, to be as close as possible to the industrial requirement and expectations. Competition in the job sector is rising exponentially and securing entry-level jobs is getting very difficult, as the students passing out from technical institutions lack the experience and skills required by industry. AICTE has initiated various activities for promoting industrial internship at the graduate level in technical institutes. The main aim of these initiatives is enhancement of the employability skills of the students passing out from Technical Institutions. AICTE has prepared a model curriculum with the help of prominent academicians of the country so that the country may produce competent employable graduates as per the needs of the industries. The model curriculum includes the internship for students of six months' duration at different stages of the programme.

Keeping this in view, AICTE has developed this Model Internship Guidelines for organizing Internship at degree and diploma level. These guidelines comprise of Steps for Establishing, Maintaining & Fostering Internships. AICTE's MoUs with various Ministries, Government/ Non-Government/ Private organizations to facilitate internship have also been included.

The internship experience will augment outcome based learning process and inculcate various attributes in a student in line with the graduate attributes defined by the NBA.

1.2 OBJECTIVES

Internships are educational and career development opportunities, providing practical experience in a field or discipline. They are structured, short-term, supervised placements often focused around particular tasks or projects with defined timescales. An internship may be compensated, non-compensated or some time may be paid. The internship has to be meaningful and mutually beneficial to the intern and the organization. It is important that the objectives and the activities of the internship program are clearly defined and understood. Following are the intended objectives of internship training:

- Will expose Technical students to the industrial environment, which cannot be simulated in the classroom and hence creating competent professionals for the industry.
- Provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills required at the job.
- Exposure to the current technological developments relevant to the subject area of training.
- Experience gained from the 'Industrial Internship' in classroom will be used in classroom discussions.
- Create conditions conducive to quest for knowledge and its applicability on the job.

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- Learn to apply the Technical knowledge in real industrial situations.
- Gain experience in writing Technical reports/projects.
- Expose students to the engineer's responsibilities and ethics.
- Familiarize with various materials, processes, products and their applications along with relevant aspects of quality control.
- Promote academic, professional and/or personal development.
- Expose the students to future employers.
- Understand the social, economic and administrative considerations that influence the working environment of industrial organizations
- Understand the psychology of the workers and their habits, attitudes and approach to problem solving.

1.3 BENEFITS OF INTERNSHIP:

1.3.1 Benefits to the Industry

- Availability of ready to contribute candidates for employment.
- Year round source of highly motivated pre-professionals.
- Students bring new perspectives to problem solving.
- Visibility of the organization is increased on campus.
- Quality candidate's availability for temporary or seasonal positions and projects.
- Freedom for industrial staff to pursue more creative projects.
- Availability of flexible, cost-effective work force not requiring a long-term employer commitment.
- Proven, cost-effective way to recruit and evaluate potential employees.
- Enhancement of employer's image in the community by contributing to the educational enterprise.

1.3.2 Benefits to Students:

- An opportunity to get hired by the Industry/ organization.
- Practical experience in an organizational setting.
- Excellent opportunity to see how the theoretical aspects learned in classes are integrated into the practical world. On-floor experience provides much more professional experience which is often worth more than classroom teaching.
- Helps them decide if the industry and the profession is the best career option to pursue.
- Opportunity to learn new skills and supplement knowledge.
- Opportunity to practice communication and teamwork skills.
- Opportunity to learn strategies like time management, multi-tasking etc in an industrial setup.
- Opportunity to meet new people and learn networking skills.



- Makes a valuable addition to their resume.
- Enhances their candidacy for higher education.
- Creating network and social circle and developing relationships with industry people.
- Provides opportunity to evaluate the organization before committing to a full time position.

1.3.3. Benefits to the Institute:

- Build industrial relations.
- Makes the placement process easier.
- Improve institutional credibility & branding.
- Helps in retention of the students.
- Curriculum revision can be made based on feedback from Industry/ students.
- Improvement in teaching learning process.

CHAPTER - 2 AICTE GUIDELINES FOR ORGANIZING INTERNSHIP

2.1 INTERNSHIP DURATION AND ACADEMIC CREDENTIALS:

The following framework is proposed to give academic credit for the internship undergone as part of the programme.

- A minimum of 14-20 credits of Internship/ Entrepreneurial activities / Project work/ Seminar and Inter/ Intra Institutional Training may be counted toward B. Tech. degree programme and 10-14 credits for three-year diploma programme.
- Here, 1 credit is equivalent to minimum 40-45 hours of work. Therefore, a full-time intern is expected to spend 40 - 45 hours per week on Internship, Training, Project work, Seminar activities etc. This will result in about 600 to 700 hours of total internship duration for B. Tech and 450-500 hours for diploma.

Internships may be full-time or part-time; they are full-time in the summer vacation and part-time during the academic session. AICTE curriculum is flexible to adjust internship duration. Therefore, opportunities must be provided for experiences that cannot be anticipated when planning the course. The institutes have the flexibility to schedule internship, Project work, Seminar etc. according to the availability of the opportunities. However, minimum requirement regarding Internship duration and credits is as follows:

Table:1 Credit Framework for Internship

S.N	Schedule	Duration		Activities	Credits		
	(Degree)	(Diploma)	(Degree)		(Diploma)	(Degree) 14-20	(Diploma) 10-16
1	Summer vacation after 2nd Semester	Summer vacation after 2nd Semester	3-4 weeks	3-4 weeks	Inter/ Intra Institutional • Activities	3-4	3-4
2	Summer vacation after 4th Semester	Summer vacation after 4th Semester	4-6 weeks	4-6 weeks	Industrial/Govt./ NGO/MSME/ Rural Internship/ Innovation / Entrepreneurship	4-6	4-6
3	Summer vacation after 6th Semester	6th Semester	4-6 weeks	3-4 weeks	Industrial/Govt./ NGO/MSME/ Rural Internship/ Innovation / Entrepreneurship	4-6	3-4
4	8th Semester	8th Semester	3-4 Weeks		Project work, Seminar (excluding credits for Advanced Courses)	3-4	

Table1 states that during the summer vacations, after the 2nd Semester, students are required to be involved in Inter/ Intra Institutional Activities viz; Training with higher Institutions; Soft skill training organized by Training and Placement Cell of the respective institutions; contribution at incubation/ innovation /entrepreneurship cell of the institute; participation in conferences/ workshops/ competitions etc.; Learning at Departmental Lab/ Tinkering Lab/ Institutional workshop; Working for consultancy/ research project within the institutes and Participation in all the activities of Institute's Innovation Council for eg: IPR workshop/Leadership Talks/ Idea/ Design/ Innovation/ Business Completion/ Technical Expos etc.

During the summer vacation after 4th/ 6th semester, students are ready for industrial experience. Therefore, they may choose to undergo Internship / Innovation / Entrepreneurship related activities. Students may

choose either to work on innovation or entrepreneurial activities resulting in start-up or undergo internship with industry/ NGO's/ Government organizations/ Micro/ Small/ Medium enterprises to make themselves ready for the industry. In case student want to pursue their family business and don't want to undergo internship, a declaration by a parent may be submitted directly to the TPO.

AICTE has taken various initiatives to connect AICTE approved institutions located in a particular district with nearby villages for technological intervention and networking for holistic transformation of the rural population by identifying the possibilities of localized employment, convergence, cost reduction, Youth and Women empowerment etc. Keeping this in view, AICTE Rural/ Social Internship Programme has been proposed. It is proposed that if a student chooses any of the suggestive activity under AICTE Activity Programme, devotes 6 months (required Internship duration) and achieve significant goals, during his degree programme, his credit requirement for the internship will be considered fulfilled.

During the Last semester/ 8th semester, students may take Project Work & Seminar as specified in the curriculum of the institute.

Every student is required to prepare a file containing documentary proofs of the activities done by him. The evaluation of these activities will be done by Programmed Head/Cell In-charge/ Project Head/ TPO/ faculty mentor or Industry Supervisor as specified in the Table 2.

The Table 2 gives the Overall compilation of internship activities, list of sub-activities under each of these segments, the level of achievement expected, evidence needed to assign the points and the minimum duration needed for certain activities.

Table – 2 Overall compilation of Internship Activities / Credit Framework

Major Head of Activity	Credits (Max.)		Suggested period (Max.)	Total Duration/ Week		Sub Activity Head	Proposed Document as Evidence	Evaluated by	Performance appraisal/ Maximum points/ activity
	Degree	Diploma		Degree	Diploma				
Inter/ Intra Institutional Activities	3-4	34	During summer vacation after 2d sem.	3-4	3-4	Inter/ Intra Institutional Workshop/ Training/	Certificate	Programme Head	Satisfactory/ Good/ Excellent
						Working for consultancy/ research project	Certificate	Programme head	Satisfactory/ Good/ Excellent
						Festival (Technical / Business / Others) Events/	Certificate	Programme Head	Satisfactory/ Good/ Excellent
						Contribution in Incubation/ Innovation/ Entrepreneurship Cell/ Institutional Innovation Council	Certificate	Cell In-charge	Satisfactory/ Good/ Excellent
						Learning at Departmental Lab/Tinkering Lab/ Institutional workshop	Certificate	Cell In-charge	Satisfactory/ Good/ Excellent
Innovation / IPR / ntrepreneurship	4-6	4-6	During summer vacation after 4th/ 6th sem.	4-6	4-6	Participation in innovation related completions for eg. Hackathons etc.	Certificate	Faculty Mentor	Satisfactory/ Good/ Excellent
						Development of new product/ Business Plan/ registration of start-up	Certificate	Programme Head	Satisfactory/ Good/ Excellent

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						Participation in all the activities of Institute's Innovation Council for eg: IPR workshop/ Leadership Talks/ Idea/ Design/ Innovation/ Business Completion/ Technical Expos etc.	Certificate	President/ Convener of ICC	Satisfactory/ Good/ Excellent
						Work experience at family business	Declaration by Parent	TPO	Satisfactory/ Good/ Excellent
Internship	4-6	4-6	During summer vacation after 4th/ 6th sem.	4-6	4-6	(Internship with Industry/ Govt. / NGO/ PSU/ Any Micro/ Small/ Medium enterprise/ Online Internship	Evaluating Report	Faculty Mentor/ TPO/ Industry supervisor	Satisfactory/ Good/ Excellent
Rural Internship	4-6	4-6	During summer vacation after 4th/ 6th sem.	4-6	4-6	Long Term goals under rural Internship	Evaluating Report	Faculty Mentor/ TPO/ NSS/NCC head	Satisfactory/ Good/ Excellent
Project Work/ Seminar/	3-4	-	8th sem.	3-4	-	As specified in the curriculum of the institute.	Project Report	Project Head	Satisfactory/ Good/ Excellent

2.2 TRAINING & PLACEMENT CELL IN COLLEGES / UNIVERSITIES & ITS ROLE IN PROVIDING INTERNSHIP

All the AICTE approved institutes are required to have a dedicated Training and Placement Cell headed by Training and Placement Officer (TPO). In any institute TPO plays an important role in boosting the career of students. The purpose of the Training and Placement Officer is to guide students to choose the right career and to plan for programs and activities to enhance knowledge, skill, attitude and the right kind of aptitude to meet the manpower requirements of the Industry. The overall role of the Training & Placement cell is of a facilitator and counselor for training and placement related activities.

The industry is always on the lookout for students who are vibrant, energetic individuals and ready to accept challenges, attentive, with a good academic background, fast learners, open to learning even at work and more importantly possessing good communication skills. TPO shall assist students to develop/clarify their academic and career interests, and their short and long-term goals through individual counselling and group sessions. The placement cell shall act as a contact place and facilitator to arrange internship of the students, campus visits and conduct of the recruitment process of the employers for the purposeful placement of students of the institution.

Further, to assist students for industrial training at the end of fourth and sixth semester, Training & Placement cell shall also design and implement internal curriculum, take classes, arrange experts, arrange agency for student's Personality Development, Improve Communication Skills, Vocabulary, prepare students for Resume Preparation & Email Writing, Group Discussion, Interview Skills, Aptitude Training & Practice Tests, Technical report writing, presentation skills, Foreign Languages proficiency etc.

Every institute may allocate 1% of their total budget to facilitate the functioning of Training and Placement Cell and meet the funding requirements for various activities.

The proposed organizational structure of each Training and placement cell is as follows:

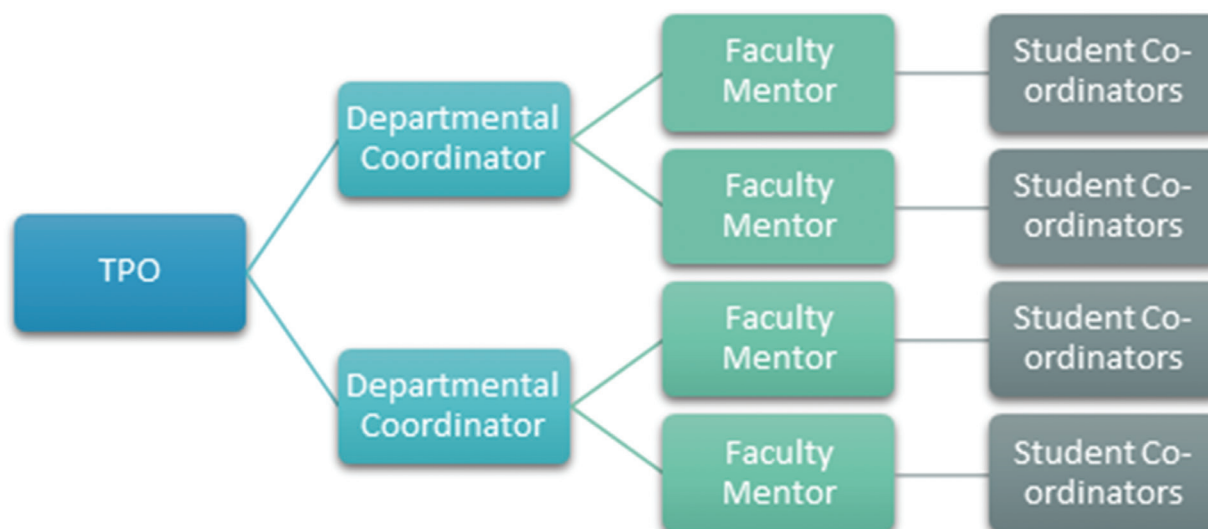


Fig.1. Organizational Structure at Institution Level

Training and Placement Officer of the Institute will be supported by a Departmental coordinator for Training and Placement Activities and Faculty Supervisors/ Mentors designated by the Head of the concerned Departments/ Principal. Each department will have a student's committee comprising of 1-3 students from each class for supporting Training and placement activities headed by Student Coordinator. Departmental coordinator and Faculty Supervisors/ Mentors will be nominated at the start of the Academic year for each batch. However, student coordinator being the representative of students will be selected by the students with the help of Training and Placement Officer.

Faculty Mentor/Supervisors have to play active roles during the internship and minimum 20 students are to be supervised by each faculty mentor or as per the departmental strength.

2.3 INTERNSHIP GUIDELINES:

The T&P cell will arrange internship for students in industries/organization after second, fourth and six/seventh semester(s) or as per AICTE/ affiliating University guidelines. Institutions may also device online system for arranging & managing internships. The general procedure for arranging internship is given below:

- **Step 1:** Request Letter/ Email from the office of Training & Placement cell of the college should go to industry to allot various slots of 4-6 weeks during summer vacation as internship periods for the students. Students request letter/profile/ interest areas may be submitted to industries for their willingness for providing the training. (Sample attached)
- **Step 2:** Industry will confirm the training slots and the number of seats allocated for internships via Confirmation Letter/ Email. In case the students arrange the training themselves the confirmation letter will be submitted by the students in the office of Training & Placement through concerned department. Based on the number of slots agreed to by the Industry, TPO 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 Final/Summer Internship of the students.

AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

- **Step 3:** Students on joining Training at the concerned Industry / Organization, submit the Joining Report/ Letters / Email.
- **Step 4:** Students undergo industrial training at the concerned Industry / Organization. In-between Faculty Member(s) evaluate(s) the performance of students once/twice by visiting the Industry/Organization and Evaluation Report of the students is submitted in department office/TPO with the consent of Industry persons/ Trainers. (Sample Attached)
- **Step 5:** Students will submit training report after completion of internship.
- **Step 6:** Training Certificate to be obtained from industry.
- **Step 7:** List of students who have completed their internship successfully will be issued by Training and Placement Cell.

2.4 GUIDELINES FOR THE STUDENTS:

Internship/ Placement is a student centric activity. Therefore, the major role is to be played by the students. TPOS may also include involvement of the student in the following activities :

- Design and Printing of Placement Brochure – Soft copy as well as Hard copy.
- Preparing list of potential recruiters and past recruiters.
- Placement Presentation at various organizations, if required.
- Coordinating activities related to Placement including companies HR team visit to institutes.

At the commencement of the session, the members of the student placement committee would be selected from the interested students, who submit applications to TPO to work on placement committee. Among the volunteers, one student would be nominated as “Student Coordinator” who would be assigned major responsibilities and would be accountable to TPO.

For allotment of internship slots all the students will be required to submit “student internship programme application” before the prescribed date (Format attached).

The offer given by the company is to be accepted irrespective of the Company / Job profile or job location or stipend offered.

A student who will voluntarily give in writing that He / She does not require placement assistance from the Institute would be exempted from participation in the Placement activities. This could be because of various reasons such as – Joining family business, opting for higher education or competitive examination etc. Though organizations select individual students, but Recruitment is a team effort. Hence, all students while interacting with the recruitment teams should be careful and behave responsibly.

2.5 HEALTH, SAFETY AND WELFARE OF INTERNS:

AS per AICTE approval procedure, all institutions are required to ensure insurance of all the students and when any intern is undergoing training in a mine, the provisions of Chapter V of the Mines Act, 195, shall apply in relation to the health and safety of the trainees as if they were persons employed in the same.

CHAPTER – 3

GUIDELINES FOR INDUSTRY FOR PROVIDING INTERNSHIP

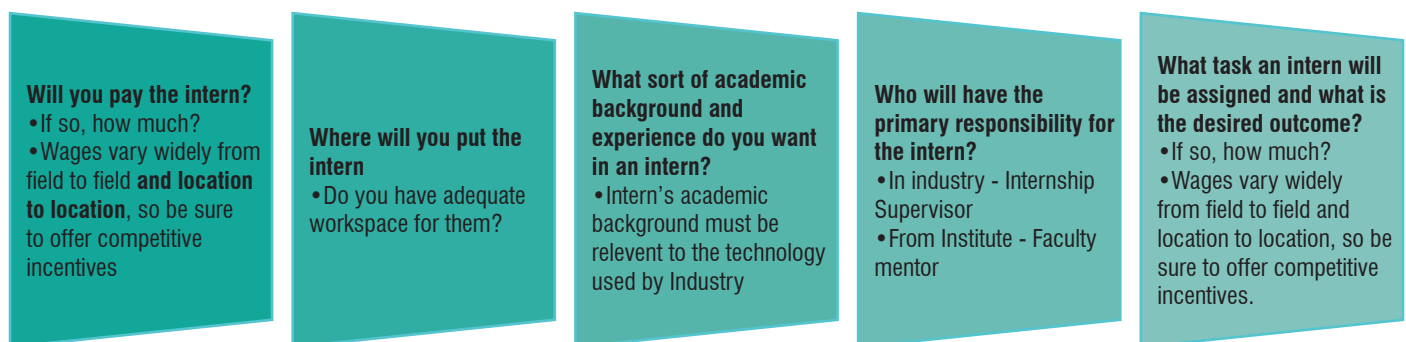
For meeting the objectives of the internship programme and successful implementation, Internship program has to be designed keeping in view the company’s requirements and students profile. Design of internship programme can be developed by industry in collaboration with the institute. It may be comprised of the following steps:

3.1 IDENTIFY TARGETS/GOALS

A meaningful discussion with management in the organization can create a consensus on program goals that can be understood by all involved.

- What does the company hope to achieve from the interns?
- Is a small company searching for technical help?
- Is the company growing quickly and having difficulty in finding motivated new employees?
- Is it a non-profit organization that doesn’t have a lot of money to pay, but can provide an interesting and rewarding experience?
- Is the organization searching out new employees with management potential?

3.2 PRE-INTERNSHIP PLANNING



Internship Planning by Industry

3.3 PREPARE A WRITTEN PLAN

Carefully plan and write the internship program – An internship plan has to be developed which will be referred to by industry supervisor/mentor, interns and institute faculty. An internship plan should incorporate the following:

- Job description/internship duties.
- Name of the project, if any.
- Internship Schedule and Expected learning outcomes.

Students can offer a fresh perspective to the business, strategies, and plans. To really reap these benefits, students may be included in brainstorming sessions and meetings etc. The intern may also be given opportunity to understand Project Management and finances. This will help him to apply these to one’s own work, as a member and leader

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in a team. It's no secret that this generation is more tech-savvy than any other before. Companies may take the opportunity to use them to find out some digital solutions for various issues.

3.4 ALLOCATION OF STUDENTS TO INDUSTRY

After the allocation of internship slots by the industry to the institute, the students have to be allocated to the industry. In case the industry wants to select the students based on their requirements, the industry can conduct an interaction/ interview with the students and select the students. In case the industry leaves it to the Institute to select the students, TPO may evolve transparent criteria for allocation of students to the industry based on the requirements of industry and students' interest.

3.5 MANAGING/ FACILITATING THE INTERN(S)

Orientation of Interns: Orient intern in the new workplace. This might take the form of a conventional orientation program or merely a walk around the office, depending on the size of the company. Give interns an overview of the organization; some companies give talks or hand out information about the company's history, vision and services. Explain who does what and what the intern's duties will be. Introduce him or her to co-workers.

Resource requirement of Interns: Give the intern a desk, point out the supply room, and introduce the technical support people.

Guidance/ Regular Feedback: It's important to give students lots of feedback. If interns have never done the kind of work before, they'll want to know if their work is measuring up to organizational expectations.

Monitoring of intern's progress every day: Daily progress report of Intern is to be evaluated by industry supervisor. Maximum use of short term internship has to be ensured for the intern as well as industry.

Periodically, examine what the intern has produced and make suggestions. Weekly supervision meetings can help to monitor the intern's work.



CHAPTER – 4

INTERNSHIP REPORT

4.1 STUDENT'S DIARY/ DAILY LOG

The main purpose of writing daily diary is to cultivate the habit of documenting and to encourage the students to search for details. It develops the students' thought process and reasoning abilities. The students should record in the daily training diary the day to day account of the observations, impressions, information gathered and suggestions given, if any. It should contain the sketches & drawings related to the observations made by the students.

The daily training diary should be signed after every day by the supervisor/ in charge of the section where the student has been working. The diary should also be shown to the Faculty Mentor visiting the industry from time to time and got ratified on the day of his visit.

Student's Diary and Internship Report should be submitted by the students along with attendance record and an evaluation sheet duly signed and stamped by the industry to the Institute immediately after the completion of the training. It will be evaluated on the basis of the following criteria:

- Regularity in maintenance of the diary.
- Adequacy & quality of information recorded.
- Drawings, sketches and data recorded.
- Thought process and recording techniques used.
- Organization of the information.

4.2 INTERNSHIP REPORT

After completion of Internship, the student should prepare a comprehensive report to indicate what he has observed and learnt in the training period. The student may contact Industrial Supervisor/ Faculty Mentor/TPO for assigning special topics and problems and should prepare the final report on the assigned topics. Daily diary will also help to a great extent in writing the industrial report since much of the information has already been incorporated by the student into the daily diary. The training report should be signed by the Internship Supervisor, TPO and Faculty Mentor. The Internship report will be evaluated on the basis of following criteria:

- i. Originality.
- ii. Adequacy and purposeful write-up.
- iii. Organization, format, drawings, sketches, style, language etc.
- iv. Variety and relevance of learning experience.
- v. Practical applications, relationships with basic theory and concepts taught in the course.

CHAPTER – 5

MONITORING & EVALUATION OF INTERNSHIP

The industrial training of the students will be evaluated in three stages:

- 5.1. Evaluation by Industry.
- 5.2. Evaluation by faculty supervisor on the basis of site visit(s).
- 5.3. Evaluation through seminar presentation/viva-voce at the Institute.

5.1. EVALUATION BY INDUSTRY

The industry will evaluate the students based on the Punctuality, eagerness to learn, Maintenance of Daily Diary and skill test in addition to any remarks.

5.2. MONITORING/ SURPRISE VISIT BY TPO/ STAFF/ FACULTY MENTOR

TPO/Staff/ Faculty Mentor of the institutes will make a surprise visit to the internship site, to check the student's presence physically, if the student is found absent without prior intimation to the T & P Cell, entire training will be cancelled. Students should inform the TPO, faculty mentor as well as the industry supervisor at least one day prior to availing leave by email. Students are eligible to avail 1-day leave in 4 weeks and 2 days leave in 6 weeks of the internship period apart from holidays and weekly offs.

5.3. EVALUATION THROUGH SEMINAR PRESENTATION/VIVA-VOCE AT THE INSTITUTE

The student will give a seminar based on his training report, before an expert committee constituted by the concerned department as per norms of the institute. The evaluation will be based on the following criteria:

- Quality of content presented.
- Proper planning for presentation.
- Effectiveness of presentation.
- Depth of knowledge and skills.
- Attendance record, daily diary, departmental reports shall also be analyzed along with the Internship Report.

Seminar presentation will enable sharing knowledge & experience amongst students & teachers and build communication skills and confidence in students.



CHAPTER – 6

AICTE ACTIVITY POINT PROGRAMME

ADDITIONAL REQUIREMENT FOR EARNING 4 YEARS DEGREE PROGRAMME

Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. In order to match these multifarious requirements, AICTE has created a unique mechanism of awarding minimum 100 Activity Points over and above the academic grades.

Every regular student, who is admitted to the 4 years Degree programme, is required to earn 100 Activity Points in addition to the required academic grades, for getting 4 Years degree programme. Students entering 4 years Degree programme through lateral entry are required to earn 75 Activity Points, in addition to the academic grades, for getting 4 years' degree program. Similarly, Diploma students are required to earn 75 Activity Points during 3 years of their diploma programme.

AICTE recommends 300-400 hours Activity Programme for each degree student for Community service and allied activities. Similarly, 200-250 hours should be devoted by Diploma student for Community service and allied activities as an additional requirement or non-credit programme. Here, 40-45 hours are equivalent to 1 week.

These activities will be coordinated by NSS/NCC/Sports/SAGY Coordinator or TPO of the Institute. The student will be provided a certificate from the concerned coordinator and Institutional Head.

Every student is required to prepare a file containing documentary proofs of activities, done by him/ her. This file will be duly verified by the concerned evaluator as listed in Table-4. The student should earn at least 100 activity points before he/ she appears for his/ her Final Examinations. The points students have earned will be reflected on the student's transcript. However, there will be neither grades/ marks for these points nor will there be any effect on SPI/CPI/CGPA etc.

As proposed under the AICTE Rural Internship Programme, if a student completes any long term goal during his degree programme, it will be counted as Internship Activity and credit requirement for the internship is fulfilled. However, if only short term interventions under the programme are attempted it will be counted towards AICTE Activity Point Programme requisite. Following suggestive activities as Long Term Goals may be carried out by students in teams:

1. Prepare and implement plan to create local job opportunities.
2. Prepare and implement plan to improve education quality in village.
3. Prepare an actionable DPR for Doubling the village Income.
4. Developing Sustainable Water Management system.
5. Prepare and Improve a plan to improve health parameters of villagers.
6. Developing and implementing of Low Cost Sanitation facilities.
7. Prepare and implement plan to promote Local Tourism through Innovative Approaches.
8. Implement/Develop Technology solutions which will improve quality of life.
9. Prepare and implement solution for energy conservation.

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10. Prepare and implement plan to Skill village youth and provide employment.
11. Develop localized techniques for Reduction in construction Cost.
12. Prepare and implement plan of sustainable growth of village.
13. Setting of Information imparting club for women leading to contribution in social and economic issues.
14. Developing and managing Efficient garbage disposable system.
15. Contribution to any national level initiative of Government of India. For eg. Digital India/ Skill India/ Swachh Bharat Internship etc

The student may choose any activities as per their liking in order to earn the AICTE Activity points. These activities can be spread over the years, as per convenience of the student. The Minimum points required as per entry level of any student are presented in Table 3.

Table 3. The activity Point requirement for Degree/ Diploma/ Lateral entry students

Level of entry in degree course	Total Years for Points	Minimum Points
Degree Programmes		
1st Year Regular	1st to 4th Year	100
2nd Year (3rd Sem.) through lateral entry or transfer from other University	2nd to 4th year	75
Diploma Programmes		
1st Year Regular	1st to 3rd Year	75
2nd Year (3rd Sem.) through lateral entry	2nd to 3rd Year	50

Table 4: AICTE Activity Point Programme (Activity Summary Sheet)

Major Head of Activity	Credits (Max.) Degree/Diploma	Suggested period (Max.)	Total Duration/Week		Sub Activity Head	Proposed Document as Evidence	Evaluated by	Performance appraisal/ Maximum points/activity	Maximum Points under this category
			Degree	Diploma					
AICTE Activity Programme	Non Credit	Anytime during the semester during weekends or holidays	2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement plan to create local job opportunities.	Project Report	NSS/ NCC/ SAGY Coordinator of the Institute	20	100
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement plan to improve education quality in village.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Preparing an actionable DPR for Doubling the village Income.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Developing Sustainable Water Management system.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and Improve a plan to improve health parameters of villagers.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Developing and implementing of Low Cost Sanitation facilities.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement plan to promote Local Tourism through Innovative Approaches.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Implement/Develop Technology solutions which will improve quality of life.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement solution for energy conservation.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement plan to Skill village youth and provide employment.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Develop localized techniques for Reduction in construction Cost.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Prepare and implement plan of sustainable growth of village.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Setting of Information imparting club for women leading to contribution in social and economic issues.			20	
			2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Developing and managing Efficient garbage disposable system.			20	
2 Weeks (80-90 hrs)	1 Week (40-45 hrs)	Contribution to any national level initiative of Government of India. For eg. Digital India/ Skill India/ Swachh Bharat Internship etc	20						

CHAPTER – 7

INDUSTRIAL PROJECT/ INTERNSHIP/ INDUSTRIAL RESEARCH GUIDELINES FOR POST GRADUATE LEVEL TECHNICAL STUDENTS:

The Model Curriculum of AICTE has prescribed Standardized academic structure for all PG Programs with uniform credit distribution. Focus is on development of advanced knowledge and specific skills required for industrial development. Student may choose Industrial problem as Dissertation topic. The proposed Credit Framework for the same is as follow:

Table:1 Credit Framework for Internship/ Industrial Project at PG level.

S.N	Schedule	Activities	Duration	Credits
1	Semester-III	• Industrial Project/ Dissertation	20 weeks	10
2	Semester-IV	• Industrial Project/ Dissertation	32 weeks	20

Guidelines:

1. The candidate should submit a synopsis of the proposed work to be done during Internship programme/ Industrial Project/ Dissertation/ Industrial Dissertation. The synopsis received should be examined or evaluated by the departmental committee to ensure that the proposed work is equivalent to M.Tech. dissertation work. This synopsis should be submitted to the department before the candidate is relieved.
2. Intimation of commencement of internship shall be submitted to the HOD concerned before the commencement of the ongoing semester.
3. The Industrial project work done during 6-month/one-year internship program is equivalent to their M.Tech. one semester/ two semester thesis work.
4. Two guides will supervise the internship project work, one from the department and another one from industry.
5. Industry/Educational Organization must submit the month-wise satisfactory attendance of the students to the department.
6. Candidate should regularly visit the institute and present his/her project progress report to their respective guide(s).
7. The final project presentation is evaluated on the basis of the recommendation given by outside supervisor, and further can be evaluated by institute guide.
8. If the internship project is not found to be of high quality, then the student will have to reappear in the next semester for their M.Tech. dissertation work.
9. The candidate is required to publish internship work in conferences and journals with due permission/ consent from the organization/industry where he has undergone the internship.
10. If the student feels that the internship work is not of high quality/not-related to their field of interest, then he/ she should submit the application to the department within three weeks and can re-join the institute.
11. Industry/ Institute should allow to produce results obtained during project/ internship period in the project report. The written certificate to this effect from the industry/ institute is mandatory before consideration of the proposed project/ internship.



CHAPTER – 8

AICTE'S ASSISTANCE/ FACILITATION

8.1 MOUS WITH DIFFERENT ORGANIZATIONS TO FACILITATE INTERNSHIP PROGRAMMME

In order to facilitate internships for the students, AICTE has been identifying organizations/Ministries both in India & abroad and signing MoUs. AICTE has signed many MoUs with Industries, Training institutions, Govt. bodies which are available on the AICTE website www.aicte-india.org. The institutions are requested to adequately publicize this information on their website so that students can apply for internship.

Some of the MoUs signed by AICTE are as follows:

S.No.	Memorandum of Understanding	For more details please visit
1.	AICTE's MoU with Internshala	https://www.aicte-india.org/downloads/letter_technical_inst_mou_internshala.pdf
2.	MoU with NETiit for internships in Taiwan.	https://www.aicte-india.org/downloads/mou_netitit.pdf
3.	AICTE's MoU with HireMee.	https://www.aicte-india.org/downloads/aicte_mou_HireMee12_9_17.PDF
4.	AICTE's MoU with Indira Gandhi National Centre for the Arts (IGNCA)	https://www.aicte-india.org/.../AICTE%20IGNCA_MoU.pdf
5.	AICTE's MoU with Center for Creative Economy and Innovation (CCEI), Daegu, Republic of Korea.	https://www.aicte-india.org/.../AICTE-CCEI%20Daegu_MoU%20Document_Final.pdf
6.	1.1 AICTE's MoU with International Institute of Waste Management (IIWM), Bangalore	https://www.aicte-india.org/sites/default/files/AICTE-IIWM%20MoU.compressed.pdf
7.	a. AICTE's MoU with Engineering Council of India [ECI]	https://www.aicte-india.org/downloads/eci.pdf
8.	b. AICTE's MoU with Fourth Ambit	https://www.aicte-india.org/sites/default/files/Fourth%20Ambit.PDF
9.	AICTE's MoU with LinkedIn	https://www.aicte-india.org/downloads/LinkedIn%20MoU.PDF
10.	c. AICTE's MoU with Telecom Sector Skill Council (TSSC)	https://www.aicte-india.org/downloads/mou_aicte_tssc_22_6_17.pdf
11.	1.10. AICTE's MoU with SCHOLARSMERIT	https://www.aicte-india.org/sites/default/files/Scholarsmerit.PDF
12.	1.11. AICTE's MoU with Studenting Era to facilitate AICTE approved academic institutions with services for their students & academic faculty	https://www.aicte-india.org/sites/default/files/Studenting%20Era.PDF
13.	1.12. AICTE's MoU with Ministry of Micro, Small and Medium Enterprises (MSME)	https://www.aicte-india.org/sites/default/files/Signed_MoU_with_AICTE.compressed.pdf

AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

Board of Apprenticeship Training (BOAT) and Board of Practical Training (BOPT) have shown their keen interest to facilitate internship training for 4 years Degree/ 3 year Diploma Programme students. The details of BOAT/BOPT are as follows:

S.No.	Board of Apprenticeship Training / Board of Practical Training (BOAT/BOPT)	Contact Details
1.	Board of Apprenticeship Training, BOAT, WR, Mumbai	director.boatwr@gmail.com
2.	Board of Apprenticeship Training, BOAT, SR, Chennai	boat_sr@vsnl.net
3.	Board of Apprenticeship Training, BOAT, NR, Kanpur	director@boatnr.org boatkanpur@gmail.com
4.	Board of Practical Training, ER, Kolkata	director@bopter.gov.in

8.2. GENERAL INTERNSHIPS GUIDELINES

- Internship is always more valuable compared to a college project as it enables the interns to understand how companies work, build new contacts, develop a network and most importantly work on real-life projects executed within the company. Institutes are advised to send students for internship at least twice during the complete program once after second year and once after third or in final year.
- Many interns seem to judge the company by the number of employees in the organization. Do use more meaningful criteria to judge the company for the internship such as the time and training that they are willing to devote for you, type of products, value addition and services offered by the company in relation to what you want to learn, technologies employed by the company with respect to what you want to master etc.
- An internship is a great opportunity to learn in industrial environment without being an employee of the company. Students are advised to set their goals prior to starting their internship and focus on completing them during the internship.
- If a student joins a very large organization to do an internship, he must use the opportunity to learn about the activities performed in the various departments by doing short stints in each of them. This experience will help provide him the big-picture in better understanding the career prospects in relation to his ambitions.
- Attitude and mindset play a great role in the learning process. Do tackle all tasks given with enthusiasm and positive attitude.
- Interns must avoid negativity and never ignore a chance offered to them to learn more about a concept, technology, industry or company.
- Interns must be inquisitive and try to gain maximum knowledge and exposure.
- Interns shall identify a good mentor within the company and take initiative to execute new projects where one can make a difference to the company.
- Interns should enjoy during the internship and leave with tangible accomplishments.
- The intern will maintain a regular internship schedule determined by the Intern and his/her Project Head.
- Interns shall view an internship as a bridge between college and the workplace. Do use for their full advantage while undergoing internship:
 - The intern must demonstrate honesty, punctuality and a willingness to learn during the internship program.
 - The intern will obey the policies, rules and regulations of the Company and comply with the Company's business practices and procedures.



8.3. MAPPING OF INTERNSHIP PROGRAMME OUTCOME WITH NBA GRADUATE ATTRIBUTES:

S.No.	Graduate Attributes from NBA	Activities proposed	Outcome
1.	Engineering Knowledge: Apply the knowledge of mathematics, science, Engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.	Practical experience during industrial internship/ Project work.	An ability to apply knowledge in application of engineering techniques, tools and resources on the project. The application of systematic engineering design processes appropriate to the internship program.
2.	Problem analysis: Identify, formulate, research literature and analyze complex engineering problems reaching a substantiated conclusion using first principles of mathematics, natural sciences and engineering sciences.	Working for Consultancy/ research projects in the institutes.	Helping Faculty members in their research and consultancy projects will help student learn research methodologies and analytical tools and will develop an ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems in order to reach substantiated conclusions.
3.	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety and cultural, societal, and environmental considerations.	Innovation / Entrepreneurship Activities: Participation in Innovation Competitions, Idea completions, Hackathons etc	An ability to design solutions for complex, open-ended engineering problems and to design systems, components or processes that meet specified needs with appropriate attention to health and safety risks, applicable standards, and economic, environmental, cultural and societal considerations.
4.	Conduct investigations of complex problems.	Project work/ industrial training/ International Internships or advanced engineering courses are considered for meeting internship credit requirements	Global competitiveness and employability of students will be enhanced.
5.	Modern tool usage: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling of complex engineering activities, with an understanding of the limitations.	Work on the modern tools, processes being used in the industry. Where possible interns should expose themselves to advanced tools like simulation and modelling.	Will be able to use modern tools and processes to solve the live problems.
6.	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	The AICTE Activity Point Program focuses on supporting all the sections of society especially in villages.	Students will learn their social responsibilities and to use their professional engineering knowledge to assess societal, health, safety, legal and cultural issues.

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7.	Environment and Sustainability: Understand the impact of the professional engineering solution in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.	Under the community service activities, focus on the environment and sustainability issues has been laid down.	Students will learn the importance and methods of environment protection & sustainability and will develop an ability to analyze social and environmental aspects of engineering activities.
8.	Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the engineering practice.	The intern will learn to demonstrate honesty, punctuality and obey Company's business practices and procedures.	Learning of professional ethics and accountability will make student ready for the future.
9.	Individuals and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.	Students are required to help the Committees for organizing Conference/ workshop/Competition at Institutional Level.	Student will develop ability to work effectively as a member and leader in teams, preferably in a multi-disciplinary setting.
10.	Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.	To assist students in industrial training at the end of second and fourth semester. Training & Placement shall also organize training for student's Personality Development, improving Communication Skills, report writing, presentation skills, Foreign Languages etc.	The student will develop an ability to communicate effectively (oral and written communication, report writing, presentation skills).
11.	Project Management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	The industry should make sure to include interns in brainstorming sessions and also be given opportunity to understand Project Management and finances.	These competencies will help the student in horizontal and vertical mobility.
12.	Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	Students will learn to implement knowledge into practice and innovate.	Students' ability to ability to identify and to address their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge will be enhanced.



CHAPTER – 9

PROCEDURES / FORMATS FOR ORGANIZING INTERNSHIPS.

FORMAT1. STUDENT INTERNSHIP PROGRAM APPLICATION

Complete and submit to the TPO/ Internship Program Coordinator. Type or write clearly.

1. Student Name:			
2. Campus Address:			Phone:
3. Home Address:			Phone:
3a. Student email address:			
4. Academic Concentration	5. Internship Semester: _____ Year.		
6. Overall GPA:			
9. Internship Preferences			
	Location	Core Area	Company/ institution
Preference-1			
Preference-2			
Preference-3			
Faculty mentor Signature: _____ Date _____.			
Signature confirms that the student has attended the internship orientation and has met all paperwork and process requirements to participate in the internship program, and has received approval from his/her Advisor..			
Student Signature: _____ Date _____.			
Signature confirms that the student agrees to the terms, conditions, and requirements of the Internship Program			

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FORMAT 2: REQUEST LETTER FROM INSTITUTE TO INTERNSHIP PROVIDER

To

The General Manager (HR)

.....

.....

Subject: REQUEST FOR 04/06 WEEKS INDUSTRIAL TRAINING of M.Tech/4 years Degree Programme,

Dear Sir,

Our Students have undergone internship training in your esteemed Organization in the previous years. I acknowledge the help and the support extended to our students during training in previous years.

/ (For first time industry) You must be aware that AICTE has made internship mandatory for all technical education students.

In view of the above, I request your good self to allow our following _____ students for practical raining in your esteemed organization. Kindly accord your permission and give at least one-week time for students to join training after confirmation.

S. No.	Name	Roll No.	Year	Discipline

If vacancies exist, kindly do plan for Campus/Off Campus Interview for _____ batch passing out students in above branches. CHECK THIS

A line of confirmation will be highly appreciated.

With warm regards,

Yours sincerely,

Training & Placement Officer



FORMAT 3. OBJECTIVES/ GUIDELINES/ AGREEMENT: INTERNSHIP SYNOPSIS (THIS WILL BE PREPARED IN CONSULTATION WITH FACULTY MENTOR)

An internship is a unique learning experience that integrates studies with practical work. This agreement is written by the student in consultation with the faculty Mentor and Industrial supervisor. It shall serve to clarify the educational purpose of the internship and to ensure an understanding of the total learning experience among the principal parties involved.

Part I: Contact Information

Student

Name: _____ Student ID# _____ Class Year: _____

Campus Address: _____

City, State: _____

Phone: _____ Email: _____

Industrial Supervisor

Name: _____ Title: _____

Company/Organization: _____

Internship Address: _____

City, State, Pin: _____

Phone: _____ Email: _____

Faculty Mentor

Name: _____ Phone: _____

Campus Address: _____

Academic Credit Information

Internship Title: _____ Department: _____

Course #: _____ Credits: _____

Grading Option: _____ Credit/Non-credit _____

Beginning Date: _____ Ending Date: _____

Hours per Week: _____ Internship is: _____ Paid _____ Unpaid _____

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Part II: Internship Objectives/Learning Activities

Internship Objectives: What do you intend to learn, acquire and clarify through this internship? Try to use concrete, measurable terms in listing your learning objectives under each of the following categories:

- Knowledge and Understanding

- Skills

Learning Activities: How will your internship activities enable you to acquire the knowledge/understanding, and skills you listed above?

On the job: Describe how your internship activities will enable you to meet your learning objectives. Include projects, research, report writing, conversations, etc., which you will do while working, relating them to what you intend to learn.

Teaching/Mentoring Activities: How your technical knowledge can be applied at the site of the internship. How you can create value through mentoring/help people learn new things.

Off the job: List reading, writing, contact with faculty supervisor, peer group discussion, field trips, observations, etc., you will make and carry out which will help you meet your learning objectives.

Evaluation: Your Internship supervisor will provide a written evaluation of your internship. Describe in detail what other evidence you will provide to your faculty Mentor to document what you have learned (e.g. journal, analytic paper, project, descriptive paper, oral presentation, etc.) Include deadline dates.



Part III: The Internship

Job Description: Describe in as much detail as possible your role and responsibilities while on your internship. List duties, project to be completed, deadlines, etc. How can you contribute to the organization/site of internship.

Supervision: Describe in as much detail as possible the supervision to be provided/needed at the work site. List what kind of instruction, assistance, consultation you will receive from whom, etc.

Evaluation: How will your work performance be evaluated? By whom? When?

Part IV: Agreement

This contract may be terminated or amended by student, faculty coordinator or work supervisor at any time upon written notice, which is received and agreed to by the other two parties.

Student _____

Date _____

Faculty Mentor _____

Date _____

Industry Supervisor _____

Date _____

AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

FORMAT 4: RELIEVING LETTER OF STUDENT

To

.....
.....

Subject: Relieving letter of student and Industry.

Dear Sir,

Kindly refer your letter/e-mail dated..... on the above cited subject. As permitted by your good self the following students will undergo Industrial Internship in your esteemed organization under your sole guidance & directions:

S.No.	Name of Students	Roll No.	Branch

This training being an essential part of the curriculum, the following guidelines have been prescribed in the curriculum for the training. You are therefore, requested to please issue following guidelines to the concerned manager/Industrial Supervisor.

1. Internship schedule may be prepared and a copy of the same may be sent to us.
2. Each student is required to prepare Internship diary and report.
3. Kindly check the Internship diary of the student daily.
4. Issue instruction regarding working hours during training and maintenance of the attendance record.

You are requested to evaluate the student's performance on the basis of grading i.e. Excellent, Very Good, Satisfactory and Non Satisfactory on the below mentioned factors. The performance report may please be forwarded to the undersigned on completion of training in sealed envelope.

S.No.	Name of Students	Evaluation Ranking
a	Attendance and general behaviour	
b	Relation with workers and supervisors	
c	Initiative and efforts in learning	
d	Knowledge and skills improvement	
e	Contribution to the organization	

Your efforts in this regard will positively enhance knowledge and practical skills of the students, your cooperation will be highly appreciated and we shall feel obliged.

The students will abide by the rules and regulation of the organization and will maintain a proper discipline with keen interest during their Internship. The students will report to you on dated..... along with a copy of this letter.

Yours sincerely,

Training & Placement Officer



FORMAT 5: STUDENT'S DAILY DIARY/ DAILY LOG

DAY-1		DATE	
Time of arrival		Time of Departure	Remarks
Deptt./Division		Name of finished Product	
Name of HOD/ Supervisor			
With e-mail id			
Main points of the day			

Signature of Industry Supervisor

AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

FORMAT 6: SUPERVISOR EVALUATION OF INTERN

Student Name: _____ Date: _____

Work Supervisor: _____ Title: _____

Company/Organization: _____

Internship Address: _____

Dates of Internship: From _____ To _____

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

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors				
Performs in a dependable manner				
Cooperates with co-workers and supervisors				
Shows interest in work				
Learns quickly				
Shows initiative				
Produces high quality work				
Accepts responsibility				
Accepts criticism				
Demonstrates organizational skills				
Uses technical knowledge and expertise				
Shows good judgment				
Demonstrates creativity/originality				
Analyzes problems effectively				
Is self-reliant				
Communicates well				
Writes effectively				
Has a professional attitude				
Gives a professional appearance				
Is punctual				
Uses time effectively				

Overall performance of student intern (circle one):

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

Additional comments, if any:

Signature of Industry supervisor _____ HR Manager _____



FORMAT 7: STUDENT FEEDBACK OF INTERNSHIP (TO BE FILLED BY STUDENTS AFTER INTERNSHIP COMPLETION)

Student Name: _____ Date: _____

Industrial Supervisor: _____ Title: _____

Supervisor Email: _____ Internship is: _____ Paid _____ Unpaid _____

Company/Organization: _____

Internship Address: _____

Faculty Coordinator: _____ Department: _____

Dates of Internship: From _____ To _____

Please fill out the above in full detail

Give a brief description of your internship work (title and tasks for which you were responsible):

Was your internship experience related to your major area of study?

_____ Yes, to a large degree _____ Yes, to a slight degree _____ No, not related at all

Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
Given me the opportunity to explore a career field					
Allowed me to apply classroom theory to practice					
Helped me develop my decision-making and problem-solving skills					
Expanded my knowledge about the work world prior to permanent employment					
Helped me develop my written and oral communication skills					
Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate decision-making and action)					
This experience has:	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
Expanded my sensitivity to the ethical implications of the work involved					

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Made it possible for me to be more confident in new situations					
Given me a chance to improve my interpersonal skills					
Helped me learn to handle responsibility and use my time wisely					
Helped me discover new aspects of myself that I didn't know existed before					
Helped me develop new interests and abilities					
Helped me clarify my career goals					
Provided me with contacts which may lead to future employment					
Allowed me to acquire information and/or use equipment not available at my Institute					

In the Institute internship program, faculty members are expected to be mentors for students. Do you feel that your faculty coordinator served such a function? Why or why not?

How well were you able to accomplish the initial goals, tasks and new skills that were set down in your learning contract? In what ways were you able to take a new direction or expand beyond your contract? Why were some goals not accomplished adequately?

In what areas did you most develop and improve?

What has been the most significant accomplishment or satisfying moment of your internship?

What did you dislike about the internship?

Considering your overall experience, how would you rate this internship? (Circle one).

(Satisfactory/ Good/ Excellent)

Give suggestions as to how your internship experience could have been improved. (Could you have handled added responsibility? Would you have liked more discussions with your professor concerning your internship? Was closer supervision needed? Was more of an orientation required?)



FORMAT 8 : PROFORMA FOR EVALUATION OF INTERNSHIP BY INSTITUTE

DEPARTMENT OF TRAINING AND PLACEMENT

Ph. _____ Fax _____ Email _____

Evaluation (I) _____

1. Name of Student _____ Mob. No. _____

2. College Roll No. _____ University Roll No. _____

3. Branch/Semester _____ Period of Training _____

4. Home Address with contact No. _____

5. Address of Training Site: _____

6. Address of Training Providing Agency: _____

7. Name/Designation of Training In- charge _____

8. Type of Work _____

9. Date of Evaluation _____

a) Attendance: _ (Satisfactory/ Good/ Excellent)

b) Practical Work: __ (Satisfactory/ Good/ Excellent)

c) Faculty's Evaluation: _ (Satisfactory/ Good/ Excellent)

d) Evaluation of Industry: ___ (Satisfactory/ Good/ Excellent)

Overall grade: (Satisfactory/ Good/ Excellent)

Signature of Faculty Mentor

Signature of Internship Supervisor (Industry)

With date and stamp

*Photocopy of the attendance record duly attested by the training in-charge should be attached with the evaluation Proforma.

AICTE INTERNSHIP POLICY: GUIDELINES & PROCEDURES

FORMAT 9: INTERNSHIP EVALUATION REPORT

(For 4 years Degree Programme. / M.Tech. & MBA)

Name & Address of Organization

Sr. No.	Name of Student	Roll No.	Marks to be awarded by			OVER ALL GRADE
			Punctuality Grade (Satisfactory/ Good/ Excellent)	Maintenance of Daily Diary Grade (Satisfactory/ Good/ Excellent)	Skill Test Grade (Satisfactory/ Good/ Excellent)	



FORMAT 10: ATTENDANCE SHEET

(For 4 years Degree Programme. / M.Tech. & MBA)

Name & Address of Organization

Name of Student																															
Roll. No																															
Name of Course																															
Date of Commencement of Trg.:																															
Date of Completion of Training:																															

Initials of the student

Month & Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

Note :

1. Attendance Sheet should remain affixed in Daily Training Diary. **Do not remove or tear it off.**
2. Student should sign/initial in the attendance column. Do not mark 'P'
3. Holidays should be marked in **Red Ink** in attendance column. Absent should be marked as '**A**' in **Red Ink**.

Signature of Company internship supervisor

with company stamp/ seal

(Name _____) Contact No.



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