

Aimtron Internship - Guidelines

The students will carry out as a part of their Graduation study project at AIMTRON depending on the nature of the work, as per rules of the respective institute depending on available resources, facilities and requirements.

CURRICULUM / SYLLABUS

This program is aimed at training candidates for an “**Internship**” in the “Electronics” Sector/Industry and aims at building the following key competencies amongst the learner.

This course encompasses four out of four National Occupational Standards (NOS) of “**Internship**”

Sr.	Topic/Module	Duration (in weeks)	Key Learning Outcomes	Comments
1	Embedded Hardware Design	4 to 6 week	<ul style="list-style-type: none"> • Nuances of embedded hardware systems design • Parts selection • Schematic design • Layout design • Introduction to PCB fabrication • Introduction to PCB assembly 	Stakeholder: Vertical Head
2	Embedded Software Development	4 to 6 week	<ul style="list-style-type: none"> • Nuances of embedded software systems • Embedded C, C++ • Embedded OS and Programming • Working with IDE 	Stakeholder: Vertical Head
3	Mechanical Products Design	4 to 6 week	<ul style="list-style-type: none"> • Mechanical products design • CAD tools (Solidworks) and dwg creation • Mechanical enclosures CMF and properties. • Introduction to mechanical fabrication and assembly 	Stakeholder: Vertical Head

Aimtron Internship Selection Process:

1. Applicants will have to apply online, by filling up the registration form.
2. Well-written Resume to be submitted upon call for Interview.
3. Letter of recommendation from HOD (refer Annexure B)
4. Interest on Specific Major to be clearly specified (refer Annexure A)
5. A Writing Sample on the area of interest (approx. 500 words), to be submitted.

Objectives: The 'Interns' shall have an opportunity to know about the Industry/domain/products/concepts as a whole

Purpose: To allow short term exposure of "selected candidates" with the different Verticals/ Divisions/Units of Aimtron, as 'Interns'.

A list of domains/areas for which Internship is invited is enclosed (as Annexure 'A').

Procedure for Applicants: Interested applicants may apply online only.

The selected applicant has to produce NOC from the college/institution at the time of joining, failing which his/her candidature shall be cancelled (Refer Annexure 'B' for template)

Procedure for Selection and Other Modalities: The applications received online will be made available online to the concerned Head of Verticals for further scrutiny and selection of eligible candidates and shortlisted for Interview.

The decision of the Heads of Verticals regarding the suitability of a candidate as intern shall be final and binding.

The concerned heads of Verticals shall be personally responsible for ensuring that the work program and output mutually agreed upon with the Intern is satisfactorily completed. Interns shall be required to submit a brief report/paper at the end of their assignment to the Heads of the concerned Verticals about their learning experience.

Seminars/presentation can be conducted by the concerned Heads of particular Verticals for their interns.

Eligibility: Bonafide students (template enclosed as Annexure 'B') of any recognized University/ Institution within Gujarat, fulfilling following conditions are eligible to apply for the internship:

- a. Under-graduate students, having completed/appeared in the term end exams of second year / 4th, semester of the bachelor degree course and secured not less than 85% or equivalent marks in 12th class.
- b. Graduate students having completed/ appeared in the term end exams of first year/2nd semester of their post graduate program or perusing research/PhD and secured not less than 70% or equivalent marks in Graduation.
- c. The students who have appeared in the final exam or just completed Graduation/PG and waiting for admission for higher studies may also be considered for internship provided that they have secured 70% or more cumulative marks in all the years/ semesters of their graduation/ post-graduation till the date of application.

Duration: The duration of Internship shall be as per the college requirements, 2weeks, 4 weeks, 6 months and 1 year. Monday to Friday, 10am to 5pm.

Support: Interns will be required to have their own laptops. Aimtron shall provide them working space, Internet facility and other necessities as deemed fit by the concerned Vertical Heads.

Logistics: Interns will be required to arrange their own transport to the company.

Attendance - While doing internship in Aimtron, the candidate should have a minimum of 80% attendance, and they have to mark In and Out time on daily basis. In case of less than 80% attendance no extension of internship period is allowed, and no experience certificate will be issued. The attendance record and the details of work supervision shall be maintained by the Heads of the Verticals. It may be strictly observed that the conduct of the interns and their access to data shall be the sole responsibility of the concerned Heads of Verticals only.

Experience Certificate: A certificate regarding successful completion of internship shall be issued by the Vertical Head of the concerned Subject Division.

Internship Location (VAD): Aimtron Technologies, Plot no. 1/A, G.I.D.C Estate, Waghodia, Vadodara Dist, Gujarat.

Internship Location (AMD): Aimtron Technologies, A-508 Ratnakar Nine Square, Keshav Baug, Ahmedabad 380015.

Internship Review: Aimtron reserves the right to review the Internship at any given time without prior notice, Subject to change in circumstances.

*The internship will be on unpaid basis.

Students will have to sign a “Confidentiality & No Liability” form once the program starts.

Instructions to fill the Online Registration Form:

1. **Name** Enter your name (as in Class 10th/High School Certificate)
2. **Address:** Enter your present address for correspondence with 6-digit PIN Code
3. **Mobile Number:** Enter your 10-digit mobile number correctly (without pre-fixing zero)
4. **Alternate Contact Number:** Enter your landline number, if any, with the relevant STD Code
5. **E-mail ID:** Enter your correct and valid e-mail ID.
6. **Age:** Enter your age as per your birth certificate.
7. **Educational Qualifications** (Mention Discipline): For 12th Class/Senior Secondary Discipline may include Science/Commerce/Arts and further specification. E.g., Science (Medical), Science (Non-Medical) etc. For Undergraduate/Graduate/Postgraduate/Higher Studies Mention the discipline against the course selected.
8. **Course Discipline:** BE or ME (Electronics & Communication, Electrical & Electronics, Computer Engineering, Mechanical Engineering) In case the course is not mentioned amongst the list of courses, choose “Others” and enter Discipline name against it.
9. **Qualification Status:** Whether Pursuing or Completed. - If already appeared in semester/term exam, then the candidate should mention the next semester as the pursuing semester/term.
10. **Marks Secured** (in percentage): It may be noted that the student is required to enter the net/average percentage scored till date. CGPA/Grade shall be converted into equivalent percentage.
11. **Area of Interest:** Choose only one area of interest. (Refer Annexure A)

Note:

- 1) You are eligible to apply for the internship only if you fulfill the eligibility criteria mentioned in the guidelines.
- 2) Internship application will be accepted ONLINE only. No other mode of application will be accepted.
- 3) You are advised to check the details before submission. No correspondence regarding change of details will be entertained.
- 4) Aimtron does not assume any responsibility if you are not being able to submit your application on account of technical reasons or any other reason beyond the control of Aimtron.
- 5) You need not send the printout of ONLINE application or any other supporting documents.
- 6) In case of any web related issues, please contact at skilldevelopment@aimtronfoundation.org

Annexures:

Areas of Specialization (Annexure A):

Internship Location (Annexure A):

1. Embedded Hardware Design	Ahmedabad & Vadodara
2. Embedded Software Development	Ahmedabad & Vadodara
3. Mechanical Products Design	Vadodara

Recommendation Letter/NOC from College HOD (Annexure 'B')

It is certified that the said student Mr./Ms _____ is a bonafide student of this university _____.

The College has no objection for doing the Internship programme at Aimtron for the period from _____ to _____.

It is also certified that the student is not registered for any other course requiring attendance in the class during the said period. The conduct of the student as recorded by the college has been found good/satisfactory/unsatisfactory.

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Authorized Signatory

Sd/-
Sahana Hegde
Director – Skill Development