

ADITYA ENGINEERING COLLEGE(A)

Alumni Survey Form

(To be filled by Civil Engineering students only)

Date:

1. Name of the student

2. Roll No Year of Graduation

3. Contact Number (WhatsApp) Email ID:

4. After completion of your B.Tech program at AEC, you opted for

Job Higher Studies Self- Employment Others

5. Details of “Job”

5.1 How long did it take for you to obtain your first job or work experience?

In Campus < 6 Months One Year After One Year

5.2 Name of the company presently working & location

5.3 Designation / Role Total Experience

5.4 Salary Package (Per Annum)

< 10 Lakhs 10-15 Lakhs 15-20 Lakhs 20-25 Lakhs > 25 Lakhs

5.5 Suggest any new subjects/topics to be added/removed in the curriculum

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5.6 Suggest any new technology/tools/modules to be learned by students to make them

industry-ready

5.7 After job, did you pursue/are pursuing Post Graduation Yes No

If Yes fill section 6 also.

6. Details of “Higher Studies”

6.1 Degree obtained, College and completion year

6.2 Basis of admission in Higher Studies.

GATE GMAT GRE Others

6.3 Mention Your score

6.4 Are you presently working Yes No. If yes, fill section 5 also.

7. Details of Self Employment.

7.1 Mention details about your business & location

8. Details of “Others”

8.1 Mention about yourself

9. Rate to what extent you have acquired the following abilities(Program Educational Objectives (PEOs) of B.Tech (CE) program).

	80-100% (5)	60-80% (4)	40-60% (3)	20-40% (2)	<20% (1)
Have successful professional career in Civil engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze, design and build safe, sustainable and economical structures in all Civil engineering areas.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Display communication skills and leadership quality needed to deal with industry and society.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engage in life-long learning and service to their profession for the betterment of society and environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Rate to what extent you have acquired the following abilities (Program Outcomes (POs) & Program Specific Outcomes (PSOs)) .

	80-100% (5)	60-80% (4)	40-60% (3)	20-40% (2)	<20% (1)
PO 1: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 2: Identify, formulate, research literature and analyze complex engineering problems, reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 3: Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 4: Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 5: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

modelling, to complex engineering activities, with an understanding of the limitations.

PO 6: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.



PO 7: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.



PO 8: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.



PO 9: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.



PO 10: Communicate effectively on complex engineering activities with the engineering community and with 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.



PO 11: Demonstrate knowledge and understanding of engineering management principles and apply these to one's own work, as a member and leader in a team and to manage projects in multidisciplinary environments.



PO 12: 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.



PSO 1: Survey, map, measure and analyze data for sustainable civil engineering infrastructure planning.



PSO 2: Analyze and design concrete & steel structures, earthen embankments, irrigation structures, water supply, waste treatment systems and transport systems considering public health and safety, cultural, societal and environmental aspects.



PSO 3: Develop the skills to identify, formulate and solve civil engineering problems using modern tools and techniques like STAAD Pro V8i, Robot Structural Analysis, Revit, etc.



PSO 4: Apply ethical principles and commit to professional ethics and responsibilities and norms of civil engineering practice.



Any other Suggestions

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Signature