

PROFESSIONAL ENGINEER

Summary Statement

These are the competency Units and Elements. These elements must be addressed in the Summary Statement (see Section C). If you are applying for assessment as a Professional Engineer, you will need to download this page, complete it and lodge it with your application.

Competency Element	A brief summary of how you have applied the element	Paragraph number in the career episode(s) where the element is addressed
PE1 KNOWLEDGE AND SKILL BASE		
PE1.1 Comprehensive, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline	I increased my knowledge in Electronics & Communication Engineering with various subjects studied and implemented in projects at Karavali Technological University, India.	CE 1.9, CE 1.10, CE 1.1, CE 2.1, CE 2.8, CE 2.10, CE 3.6, CE 3.10, CE 3.11
PE1.2 Conceptual understanding of the mathematics, numerical analysis, statistics and computer and information sciences which underpin the engineering discipline	I learnt various technical aspects in the Electronics & Communication Engineering domain which assisted in meeting the significant project related objectives with the mathematical evaluation of the concepts.	CE 1.3, CE 1.9, CE 1.10, CE 2.3, CE 2.8, CE 2.9, CE 3.3, CE 3.8, CE 3.11
PE1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline	I applied my thorough project related understanding in the Electronics Engineering domain which was very much beneficial in meeting the technicalities in the project.	CE 1.11, CE 1.12, CE 2.9, CE 2.10, CE 3.8, CE 3.9, CE 3.11
PE1.4 Discernment of knowledge development and research directions within the engineering discipline	It was my major responsibility for splitting the project into sections which assisted me well in completing the project within the deadline.	CE 1.8, CE 1.9, CE 2.10, CE 2.11, CE 3.9, CE 3.10, CE 3.12
PE1.5 Knowledge of contextual factors impacting the engineering discipline	I handled the project objectives in decent manner with my skills utilization in the Electronics & Communication Engineering domain which assisted me in obtaining appropriate project milestones.	CE 1.9, CE 1.10, CE 2.6, CE 2.7, CE 3.8, CE 3.9
PE1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice in the specific discipline	I executed the project technical objectives with the thorough research made on the project scope and then it was successfully implemented.	CE 1.3, CE 1.6, CE 2.3, CE 2.8, CE 3.10, CE 3.11
PE2 ENGINEERING APPLICATION ABILITY		
PE2.1 Application of established engineering methods to complex engineering problem solving	There were many technical projects on which I worked throughout my Electronics & Communication Engineering degree which enabled my technical expertise in this domain.	CE 1.3, CE 1.8, CE 2.3, CE 2.8, CE 3.9, CE 3.10

PE2.2 Fluent application of engineering techniques, tools and resources	I made use of the fluent engineering methodologies which made me efficient enough to meet the project technical milestones.	CE 1.9, CE 1.11, CE 2.7, CE 2.8, CE 3.7, CE 3.8
PE2.3 Application of systematic engineering synthesis and design processes	My knowledge in the sector of Electronics & Communication Engineering assisted me well when undertaking the technical projects in this domain.	CE 1.10, CE 1.11, CE 2.9, CE 2.10, CE 3.11, CE 3.12
PE2.4 Application of systematic approaches to the conduct and management of engineering projects	My technical abilities groomed with the technical expertise which I learnt while applying systematic knowledge in the project gained from the degree.	CE 1.6, CE 1.8, CE 2.8, CE 2.10, CE 3.6, CE 3.8
PE3 PROFESSIONAL AND PERSONAL ATTRIBUTES		
PE3.1 Ethical conduct and professional accountability	I got decent technical information from the project supervisor and I took his advice while maintaining the ethical conduct which impressed him well in the project.	CE 1.3, CE 1.7, CE 2.3, CE 2.8, CE 3.9, CE 3.10
PE3.2 Effective oral and written communication in professional and lay domains	There was the thorough research which I made when undertaking the project and the information was effectively transmitted among other members with my decent communication skills.	CE 1.7, CE 1.8, CE 2.10, CE 2.11, CE 3.9, CE 3.10
PE3.3 Creative innovative and proactive demeanour	There was the review which I made on the project scope as it assisted me in adequate manner for meeting the technical criteria related to the project.	CE 1.6, CE 1.7, CE 2.10, CE 2.11, CE 3.8, CE 3.9
PE3.4 Professional use and management of information	There were various sections in which I obtained appropriate advice from the guide which assisted me well in meeting various technical tasks.	CE 1.10, CE 1.11, CE 2.6, CE 2.8, CE 2.9, CE 3.11, CE 3.12
PE3.5 Orderly management of self, and professional conduct	I executed the projects with the usage of my research abilities related to the project and this resulted in the successful project outcomes.	CE 1.9, CE 1.10, CE 2.7, CE 2.8, CE 3.9, CE 3.10
PE3.6 Effective team membership and team leadership	I was fortunate enough to work under the great leadership of the project guide who was always present whenever there was the requirement of his expertise.	CE 1.10, CE 1.11, CE 2.9, CE 2.10, CE 3.7, CE 3.8