

TRL	Technology Readiness Levels	Status	Benefit
TRL 1	Basic research. Principles postulated and observed but no experimental proof available.	Idea Published	Exemption of CA and ETP in 1 course of the existing/upcoming term. Student will be awarded 75% marks in these two component
TRL 2	Technology formulation. Concept and application have been formulated.	Idea Submitted for grant	Exemption of CA and ETP in 1 course of the existing/upcoming term. Student will be awarded 75% marks in these two component
TRL 3	Applied research. First laboratory tests completed; proof of concept.	Idea Patent Grant	Exemption of CA and ETP in 2 courses of the existing/upcoming term. Student will be awarded 75% marks in these two component
TRL 4	Small scale prototype built in a laboratory environment	Raw prototype development and idea presentation to industry for collaboration	Exemption of CA and ETP in 2 courses of the existing/upcoming term. Student will be awarded 75% marks in these two component
TRL 5	Large scale prototype tested in intended environment.	Industry collaboration established for scaling up the prototype.	Exemption of CA, ETP, and final examination in 2 courses of the existing/upcoming term. Students will be awarded 80% marks in these components.
TRL 6	Prototype system tested in intended environment close to expected performance.	Pre-commercial testing successfully completed.	Exemption of CA, ETP, and final examination in 3 courses of the existing/upcoming term. Students will be awarded 85% marks in these components.
TRL 7	Demonstration system operating in operational environment at pre-commercial scale.	Public or industry demonstration completed.	Full exemption of CA, ETP, and final examination in 3 courses of the existing/upcoming term. Students will be awarded 90% marks in these components.
TRL 8	First of a kind commercial system. Manufacturing issues solved.	Initial production and commercial deployment achieved.	Full exemption of CA, ETP, and final examination in 4 courses of the existing/upcoming term. Students will be awarded 95% marks in these components.
TRL 9	Full commercial application, technology available for consumers	Technology launched in the market with consumer availability.	Full exemption of CA, ETP, and final examination in all courses of the existing/upcoming term. Students will be awarded 100% marks in these components.