



All India Council For Technical Education
अखिल भारतीय तकनीकी शिक्षा परिषद्

Certificate No.

CERTIFICATE OF COMPLETION

AICTE QIP PG Certificate Programme

Mrs. Vijaylaxmi Basanna Vyakaranahal

[AICTE ID:1-2184153201], Assistant Professor, Civil Engineering working with KLS Vishwanathrao

Deshpande Institute of Technology has successfully completed Programme in Cyber Physical System

conducted during June, 2025 to Dec, 2025.

Dr. Pavan Kumar C
Programme Coordinator
IIT Dharwad

Dr. Abdul Wahid
Co-Coordinator
IIT Dharwad

Prof. S. R. Mahadeva Prasanna
Director
IIT Dharwad



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AICTE QIP PG Certificate Programme

Period: June-Dec 2025

AICTE ID: 1-2184153201

Name: Mrs. Vijaylaxmi Basanna
Vyakaranahal

Certificate No:
25PGIITDWCPS40

Course	Credit (T + P)	Grade	Grade Point
Problem Solving through Programming	3	A-	9
Foundations of Cyber Physical Systems	4 (3+1)	A-	9
Data Science for Engineers	4 (3+1)	A	10
Security Aware CPS Design	3	A	10
Project	4	A-	9

Total Credits: 18

Attendance: 100

CGPA: 9

Grade	Grade Points	Grade Percentage Range
A	10	91%-100%
A-	9	81%-90%
B	8	71%-80%
B-	7	61%-70%
C	6	51%-60%
C-	5	41%-50%
D	4	31%-40%
F	0	Below 31%

Calculation of CGPA:

$$CGPA = \frac{\sum(\text{Course Credit} \times \text{Grade Point})}{\sum(\text{Total Course Credits})}$$



Seal of Institution