

# 332 - K.V.T. POLYTECHNIC (AIDED)

(UNDER THE AUSPICES OF SRI K. VENKATAPATHEPPA TRUST, CHICKBALLAPUR)  
(RECOGNISED BY A.I.C.T.E., NEW DELHI)  
(APPROVED BY GOVERNMENT OF KARNATAKA)



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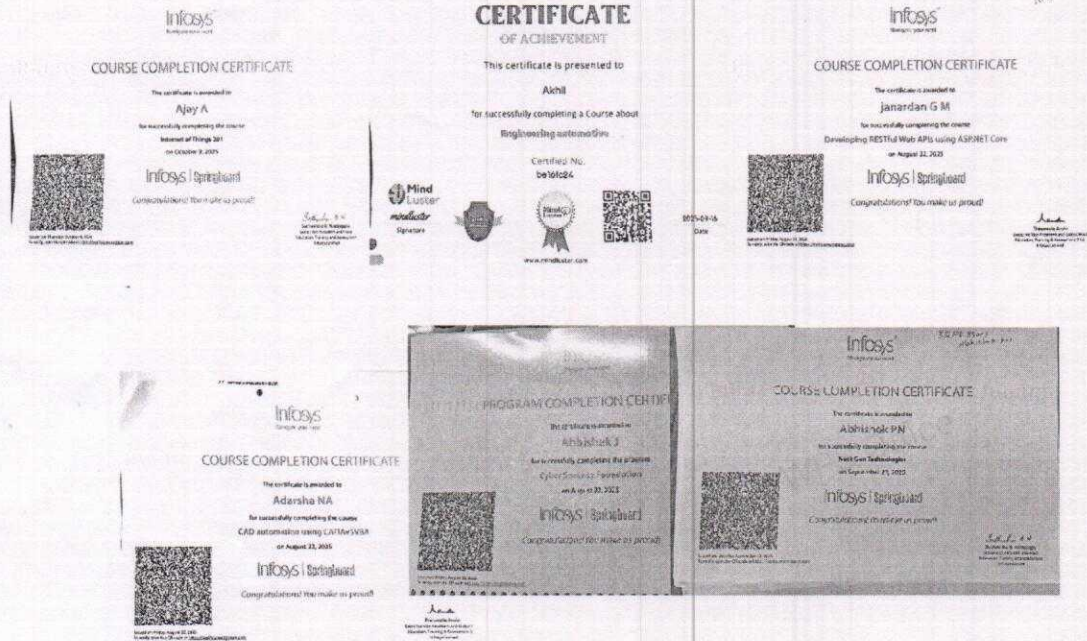
## ANNUAL REPORT ON MOOC's ACTIVITIES - 2024-25 (SWAYAM, NPTEL, Infosys Springboard)

In accordance with the AICTE's guidelines for promoting Massive Open Online Courses (MOOC's) and enhancing digital learning among students, our institution has effectively incorporated SWAYAM, NPTEL, and other recognized online platforms into the academic framework. To ensure smooth implementation of MOOC-based learning, regular notifications regarding available online courses were communicated to all departments. These timely communications helped maintain transparency, preparedness, and coordinated efforts among faculty and students.

As per institutional guidelines, our students successfully completed at least one MOOC course during the academic year 2024-25. This year, students predominantly utilized the Infosys Springboard Platform, completing courses that aligned with their technical and professional development needs.

Department-wise Summary of Completed Courses:

S. No.	Department	Platform	Course Title(s)	No. of Students
1	AT	Infosys Springboard	Internet of Things 201 Engineering Automotive (Mind Luster)	36
2	CS	Infosys Springboard	Cyber Security Foundation	43
3	E&C	Infosys Springboard	Internet of Things 201 Internet of Things 101 IoT Edge Computing and IoT Analytics	58
4	ME	Infosys Springboard	Next Gen Technologies CAD Automation using CATIAv5VBA RESTful Web APIs using ASP.NET Core CATIAv5 Automation Programmer (Capstone)	57
5	MC	Infosys Springboard	Next Gen Technologies	32



This widespread participation has significantly boosted students' technical competency, digital literacy, and readiness for industry-oriented learning environments.

#### 4. Faculty Engagement

Faculty members were regularly informed about SWAYAM, NPTEL, NITTTT, and other MOOC opportunities through circulars and notifications. They were encouraged to undertake at least one online course related to their subject domain to enhance their pedagogical and technical skills.

#### 5. Impact and Outcomes of MOOC Integration

The MOOC initiative has resulted in several measurable academic improvements:

- Strengthened understanding of core engineering and technology concepts
- Increased exposure to emerging technologies and industry trends
- Improved self-learning, analytical, and time-management skills
- Faculty upskilling aligned with Outcome-Based Education (OBE)

Overall, the initiative has had a positive and long-lasting impact on both teaching and learning processes.

#### 6. Conclusion

The MOOC's initiative, encompassing SWAYAM, NPTEL, and Infosys Springboard courses, has been successfully implemented during the academic year 2024–25. With full participation from diploma students and consistent involvement of faculty, the institution has effectively achieved its objective of integrating digital learning into mainstream academics.

  
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