



**Vel Tech**  
Ranganathan Dr. Nirmalaha  
VIT-VEL Technological University



**School of Computing**

**Department of Computer Science and Engineering**

# **Industry Feedback on Curriculum**

**Summer Semester**

**Academic Year 2024-2025**



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

## **School of Computing**

### **Department of Computer Science & Engineering**

#### **Industry Feedback on Curriculum**

#### **Summer Semester 2024-2025**

The industry are the most important stakeholders of B. Tech Computer Science and Engineering Programme. Suggestions collected in the form of structured feedback from the industries. We have received 10 feedbacks from industry experts on curriculum and the major suggestions are listed below:

1. Recommended to include courses which is related to industry standard.
2. Suggested to organize workshops and seminar with the industry leader.
3. Recommended to incorporate Generative AI along with use cases in the curriculum to enhance students skill.
4. Proposed to include courses to equip students with knowledge to analyze large financial datasets, predict financial trends through case studies.
5. Recommended to equip students with Augmented Reality and Virtual Reality concepts with Use Case Approach.
6. Suggested to include courses like IOS with real-time applications.



## School of Computing

### Department of Computer Science & Engineering

#### Action Taken: Summer semester 2024-2025, Curriculum Feedback

Based on the industry feedback analysis few courses were introduced and some courses were revised in the curriculum under various category:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	AR & VR with Use case approach	Industry / Higher Institute Learning Interaction	40th BOS 30-12-2024
2	IOS	Industry / Higher Institute Learning Interaction	40th BOS 30-12-2024
3	Financial analytics with use case	Industry / Higher Institute Learning Interaction	40th BOS 30-12-2024
4	Generative AI with use case	Industry / Higher Institute Learning Interaction	40th BOS 30-12-2024

**Prof. N. Vijayaraj**  
Head of the Department  
Computer Science and Engineering

**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology

**Dr. SP. Chokkalingam**  
Dean,  
School of Computing

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**School of Computing**  
**B. Tech Computer Science and Engineering**  
**Summer Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: KIRAN IRUKULLA Designation: PROJECT MANAGER  
Organization: NOKIA SOLUTIONS & SERVICES Email Address: - kiran.irukulla@nokia.com

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?

Excellent  Very good  Good  Satisfactory  Poor

2. To what degree does the curriculum provide the relevant knowledge, technical and transferable skills?

Excellent  Very good  Good  Satisfactory  Poor

3. To what degree does the curriculum support a diversifying range of students' abilities and strengthen the critical thinking and innovation?

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7. To what degree the courses offered are relevant to the specialization?

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8. To what degree the curriculum enhances the practical exposure in programming languages?

Excellent    Very good    Good    Satisfactory    Poor

9. To what degree does the curriculum support to compute the practice based on legal and ethical principles and professional responsibilities?

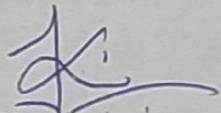
Excellent    Very good    Good    Satisfactory    Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

Excellent    Very good    Good    Satisfactory    Poor

Any other suggestions :

add courses like IOS with real-time applications to improve students knowledge in ~~creating~~ ios applications

  
Signature



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**School of Computing**  
**B. Tech Computer Science and Engineering**  
**Summer Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: Mr. Rakesh Kumar Vali

Designation: Product Manager

Organization: A Plus. Associates,  
Hyderabad.

Email Address: - rakeshvali@gmail.com

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?  
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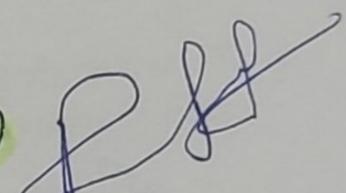
Excellent  Very good  Good  Satisfactory  Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

Excellent  Very good  Good  Satisfactory  Poor

Any other suggestions :

pursue game developmentment (AR&VR)  
course for the students career.

  
Signature



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**School of Computing**  
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**Summer Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: *Veera Raghavan Seshadri* Designation: *Solution Architect*  
Organization: *Nokia networks & solutions Pvt limited.* Email Address: *- veera.seshadri@nokia.com*

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Excellent  Very good  Good  Satisfactory  Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

Excellent  Very good  Good  Satisfactory  Poor

Any other suggestions :

Students need to learn how to  
analyze large financial datasets,  
predict financial trends so can add  
courses like financial analytics

S. Veeracharya  
Signature



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**School of Computing**

**B. Tech Computer Science & Engineering**

**Summer Semester 2024-2025**

**Industry Feedback on Curriculum**

Name: *Uma Maheswari.R*  
Organization: *Wipro*

Designation: *Project Engineer*  
Email Address: *-*

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?  
 Excellent  Very good  Good  Satisfactory  Poor
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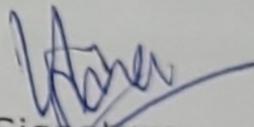
Excellent  Very good  Good  Satisfactory  Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

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Any other suggestions :

Generative AI course with  
Use case can be included in the  
curriculum.

  
Signature



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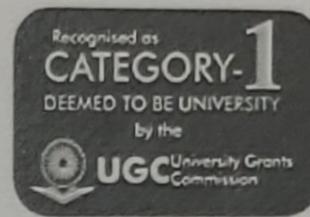
## **School of Computing**

# **Department of Computer Science and Engineering**

# **Industry Feedback on Curriculum**

**Winter Semester**

**Academic Year 2024-2025**



## School of Computing

### Department of Computer Science and Engineering

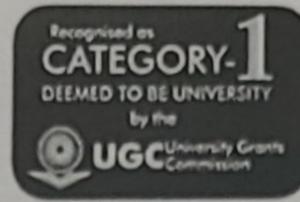
#### Industry Feedback on Curriculum

#### Winter Semester 2024-2025

The industry is one of the most important stakeholders of the B.Tech Computer Science and Engineering programme. Structured feedback was collected from industry experts, and a total of 10 responses were received. The major suggestions are summarized below:

1. Introducing a new course on **Intelligent Internet of Things (IIoT)** to provide students with essential foundational knowledge for developing smart interconnected systems and leveraging intelligent technologies in IoT environments.
2. Suggesting the inclusion of a course on **Robotics and Automation** to equip students with practical skills in designing, programming, and deploying automated robotic systems across diverse applications.
3. Recommending a course on **Industrial Automation** to develop practical skills in controlling and optimizing industrial processes using automated systems and technologies.
4. Aligning the curriculum with current industry trends by incorporating **emerging technologies, practical skill-based courses, and interdisciplinary learning** to enhance student employability and industry readiness.
5. Proposing a course focused on the **kinematics, dynamics, and intelligent control of mobile robotic systems**, enabling students to acquire the knowledge and skills necessary for designing and controlling advanced autonomous robots.
6. Introducing a course that addresses **strategies, regulations, and ethical considerations** to ensure the secure, responsible, and trustworthy deployment of AI technologies.
7. Recommending a course on **advanced modelling techniques and control strategies** aimed at minimizing vibrations in flexible robotic systems, thereby achieving high precision and stability in industrial and research applications.

**Prof. N. Vijayaraj**  
Head of the Department  
Computer Science and Engineering



## School of Computing

### Department of Computer Science and Engineering

#### Action Taken: Winter semester 2024-2025, Curriculum Feedback

Based on the industry feedback analysis few courses were introduced and some courses were revised in the curriculum under various category:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	Intelligent Internet of Things	Program Elective	41st BOS 26.04.2024
2	Robotics & Automation	Program Elective	41st BOS 26.04.2024
3	Industrial Automation	Program Elective	41st BOS 26.04.2024
4	Kinematics, Dynamics, and Intelligent Control of Mobile Robotic Systems	Industry/Higher Learning	41st BOS 26.04.2024
5	Artificial intelligence safety and Governance	Industry/Higher Learning	41st BOS 26.04.2024
6	Modelling, Vibration suppression and control of flexible robotic manipulators	Industry/Higher Learning	41st BOS 26.04.2024

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**B. Tech Computer Science and Engineering**  
**Winter Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: PREMKUMAR-S  
Organization: Infosys

Designation: SENIOR SOFTWARE DEVELOPER  
Email Address: -

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?

Excellent  Very good  Good  Satisfactory  Poor

2. To what degree does the curriculum provide the relevant knowledge, technical and transferable skills?

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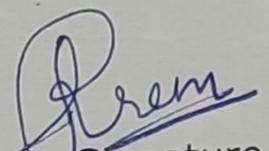
10. To what degree does the curriculum provide abilities to adopt individual practices?

Excellent  Very good  Good  Satisfactory  Poor

Any other suggestions :

Include  
Intelligence

courses on IoT with

  
Signature



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**Winter Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: Jayakumar KR

Designation: ML, AI Expert

Organization: Amuly Soft Technologies  
Pvt. Ltd

Email Address: -

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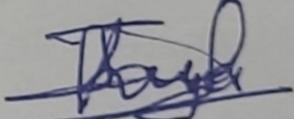
Excellent  Very good  Good  Satisfactory  Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

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Any other suggestions :

Robotics and Automation  
Courses need to include in  
curriculum

  
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**School of Computing**

**B. Tech Computer Science and Engineering**

**Winter Semester 2024-2025**

**Industry Feedback on Curriculum**

Name: *Rajnavayanan R*  
Organization:

Designation: *Salesforce Engineer*  
Email Address: - *yajasabaushis@gmail.com*

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?  
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10. To what degree does the curriculum provide abilities to adopt individual practices?

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Any other suggestions :

include courses like Industrial Automation  
to enhance the knowledge controlling  
and optimizing industry process

RUR  
Signature



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**School of Computing**

**B. Tech Computer Science and Engineering**

**Winter Semester 2024-2025**

**Industry Feedback on Curriculum**

Name: Meenakshi Saundari  
Organization: comcast India

Designation: Director, Software Development & Engg  
Email Address: - bluefish.meena@gmail.com

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?

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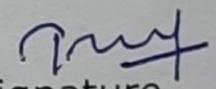
Excellent  Very good  Good  Satisfactory  Poor

10. To what degree does the curriculum provide abilities to adopt individual practices?

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Any other suggestions :

focus on courses like  
kinematics, Dynamic and intelligent  
control of mobile Robotic system.

  
Signature



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**School of Computing**  
**B. Tech Computer Science and Engineering**  
**Winter Semester 2024-2025**  
**Industry Feedback on Curriculum**

Name: Rohith D

Organization: Hi apps Solutions Pvt Ltd.

Designation: Cyber Security Engineer

Email Address: - rohithcse19@gmail.com

1. How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?

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10. To what degree does the curriculum provide abilities to adopt individual practices?

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Any other suggestions :

Combine safety and governance  
with AI and create a new  
Course

  
Signature