



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

School of Computing

Department of Computer Science & Engineering

Industry Feedback on Curriculum

Academic Year 2023-2024



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Industry Feedback on Curriculum 2023-2024

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 such as Windows administration, advanced routing techniques with a focus on security, client & server technologies, and Database administration.
2. Suggested to include Azure Fundamental courses.
3. Suggested to include courses like Office 365 Administration, Microsoft Exchange Server, Middle Technologies and Websphere MQ in curriculum.
4. Courses like Development of Application using java GenAI
5. Advised to include courses on Generative Artificial Intelligence to increase students' proficiency in such areas.
6. Recommended to include courses like Machine Learning, System Programming.
7. Proposed to enhance the curriculum with practical, hands-on projects aligned with current industry trends.
8. Focus on soft skills development, including communication, problem-solving, and teamwork, to prepare students for dynamic professional environments.
9. Recommended to include course like Identity Access Management, 3D Character Modelling, Software Development and Maintenance, Oracle Database Administration, Modelling for Data Science.
10. Suggested to include course like Storage Management.



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Action Taken: Academic Year 2023-2024 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 | Windows Server administration Operating System | Program Elective | 38th BOS 09.12.2023 |
| 2 | Windows Client Administration Operating System | Program Elective | 38th BOS 09.12.2023 |
| 3 | Machine Learning | Program Elective | 39th BOS 13-07-2024 |
| 4 | Advanced Routing Techniques and Security | Program Elective | 38th BOS 09.12.2023 |
| 5 | Application Server Technologies | Program Elective | 38th BOS 09.12.2023 |
| 6 | Database Administration using MSSQL Server | Program Elective | 38th BOS 09.12.2023 |
| 7 | Generative AI | Program Elective | 39th BOS 13-07-2024 |
| 8 | Middleware Technologies | Program Elective | 39th BOS 13-07-2024 |
| 9 | WebSphere MQ | Program Elective | 39th BOS 13-07-2024 |
| 10 | Administering Microsoft Exchange Server | Program Elective | 39th BOS 13-07-2024 |
| 11 | Office 365 Administration | Program Elective | 39th BOS 13-07-2024 |
| 12 | Modelling for Data Science | Program Elective | 38th BOS 09.12.2023 |
| 13 | Software Development and Maintenance | Open Elective | 39th BOS 13-07-2024 |
| 14 | Oracle Database Administration | Program Elective | 39th BOS 13-07-2024 |
| 15 | WebSphere Application Server | Program Elective | 38th BOS 09.12.2023 |
| 16 | Storage Management | Program Elective | 38th BOS 09.12.2023 |
| 17 | Application Development and Maintenance (Industry(Genpact) Collaborated Course) | Open Elective | 38th BOS 09.12.2023 |
| 18 | Introduction to System Programming z/OS commands and Panel on IBMZ | Program Elective | 39th BOS 13-07-2024 |
| 19 | 3D Character Modeling | Program Elective | 39th BOS 13-07-2024 |

Dr. Murali Dhar. M.S
Head of the Department
Computer Science & Engineering
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Industry Feedback on Curriculum

Name: Supriya T
Organization: Atos Global

Designation: Assistant Manager HR
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?
 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?
 Excellent Very good Good Satisfactory Poor
4. To what degree does the curriculum emphasize both fundamentals and emerging technologies?
 Excellent Very good Good Satisfactory Poor
5. How far does the curriculum deliver knowledge and skills relevant to the industry needs?
 Excellent Very good Good Satisfactory Poor
6. How does the curriculum enhance the employability skills?
 Excellent Very good Good Satisfactory Poor
7. To what degree the courses offered are relevant to the specialization?
 Excellent Very good Good Satisfactory Poor

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

Excellent Very good Good Satisfactory Poor

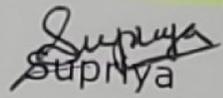
9. To what degree does the curriculum support to compute the practice based on legal and ethical principles and professional responsibilities?

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 : suggest to include courses like Windows sever administration, routing techniques and security, server technologies, Database administration, MiddleWare Technologies, WebSphere MQ, MS Exchange Server, Office 365 Admin.


Supriya

Signature



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Industry Feedback on Curriculum

Name: Arish Pitchai
Organization: PwC

Designation: Quantum Computing Researcher
Email Address: arish.p@gmail.com

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 Excellent Very good Good Satisfactory Poor
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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 : students should learn about **Generative AI**

Arish Pitchai
Signature



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Industry Feedback on Curriculum

Name: Dharbaneshwer S J

Organization: Walmart Global Tech India

Designation: Senior Data Scientist and researcher

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?

Excellent Very good Good Satisfactory Poor

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Any other suggestions :Can include courses like Machine Learning

Dharbaneshwer S J
Signature