



Dr. Sudarshan Rao K &lt;qa@sode-edu.in&gt;

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**Feedback on Tentative 2022 scheme syllabus on 22IDT18**

1 message

Dr. Sudarshan Rao K &lt;qa@sode-edu.in&gt;

Thu, Nov 10, 2022 at 3:59 PM

To: "academicsyllabus.vtu@gmail.com" &lt;academicsyllabus.vtu@gmail.com&gt;

Respected Sir,

Please find attached the feedback on 2022 scheme syllabus on course Innovation and Design Thinking (22IDT18).

With Thanks &amp; Regards,

**Dr. Sudarshan Rao K**, B.E., M.Tech, Ph.D.

Dean (Quality Assurance)

Professor and Head, Department of Mechanical Engineering

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 Innovation and Design Thinking 22IDT18-28.pdf  
833K

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**Innovation and Design Thinking (22IDT18/28)**

**Feedback on the course syllabus**

Respected Sir,

I have handled the course 21IDT19 and 21IFT29 during the AY: 2021-22. The course is very interesting and essential for the engineering graduates.

But the course content can be revised to discuss more about fundamentals of design thinking.

It was observed that, the course content of Innovation and Design Thinking (22IDT18/28) is same as previous scheme (21IDT19/29), no change in the syllabus observed.

Present course content discusses more about the IT tools used in design thinking and use of design thinking in IT sector and strategic management. These topics can be included in higher semesters in department specific design courses like software engineering, product design, electronics circuit design etc.,

I have attended few FDPs on Design thinking; also have completed the Design Thinking course from Courseera and SWAYAM.

I have also referred the course content of Design thinking course of many universities and institutions.

By referring to the course content of few universities, I prepared the course content for Design thinking and conducted a certificate course to our third year mechanical engineering students during 2021-22.

According to me following topics may be considered for Innovation and Design Thinking course.

**Proposed Course content**

**Module 1**

**Introduction to Innovation and Design Thinking**

Introduction, Invention, Innovation, Need of innovation, History of Design Thinking, Definition of Design Thinking, Difference between Product Design and Design Thinking, Design Thinking Mindset

**Module 2**

**Design Thinking Process**

Empathize, Define, Ideate, Prototype, Test

**Module 3**

**Design Thinking Tools**

Visualization, Journey mapping, Mind mapping, Prototyping, Storytelling, Value chain analysis, Assumption testing, Rapid concept development, Co-creation etc.,

**Module 4**

**Application of Design Thinking**

Application of design thinking in healthcare, education, product development, sports, Human Resource, advertising and marketing, automobile, IT industry

  
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## Module 5

### Design thinking workshop

In the workshop, learners are formed into groups and activities shall be conducted for each design thinking phases Empathize, Design, Ideate, Prototype and Test

### Course Outcome

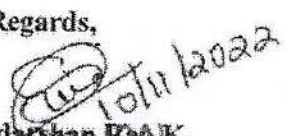
CO No.	At the end of the course, learner will be able to	Bloom's Level
CO1	Explain theory and practice in design thinking	L2
CO2	Apply various design thinking tools for problem solving	L3
CO3	Explain the application of design thinking techniques	L2
CO4	Develop and present design ideas through different design thinking tools and techniques	L4

In the Semester End Examination for the course 21HDT19 and 21HDT29, questions are set only from the proposed topics only.

I am happy to give further details like teaching learning process for each module, conduction of design thinking workshop, assessment methods.

Thank you

With Regards,

  
Dr. Sudarshan K. K.,  
Assistant Professor,  
Department of Mechanical Engineering  
SMVITM Bantakal  
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Dr. Sudarshan Rao K &lt;qa@sode-edu.in&gt;

**Feedback on the course- Fluid Mechanics- BME403**

1 message

Dr. Sudarshan Rao K <qa@sode-edu.in>  
To: academicsyllabus.vtu@gmail.com

Wed, Sep 20, 2023 at 4:29 PM

Respected Sir,  
Please find attached the feedback on the 2022 scheme syllabus on the course Fluid Mechanics- BME403.

With Thanks &amp; Regards,

**Dr. Sudarshan Rao K**, B.E., M.Tech, Ph.D.

Dean (Quality Assurance)

Professor, Department of Mechanical Engineering

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Suggestion for FM-BME403.pdf  
166K

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# SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



**SMVITM**

## Fluid Mechanics- BME403

### Feedback on the course syllabus

**Respected Sir,**

I sincerely appreciate the changes made in the syllabus by the Chairman and members of the Board of Studies for Mechanical Engineering.

In the previous scheme (2021), some topics in Module 1 were meant for class discussion but were not included in the assessment. However, these topics are fundamental to understanding fluid properties, and it is crucial that all students are acquainted with them.

I have the following suggestions for this course:


In Module 2, Laminar and Turbulent Flow and in Module 3, Fluid Dynamics and Bernoulli's Theorem are included. But for Laminar and turbulent flow, knowledge on Bernoulli's theorem is necessary. To enhance the learning experience, I propose that these topics be interchanged. Specifically, Fluid Dynamics and Bernoulli's Theorem could be moved to Module 2, and Laminar and Turbulent Flow to Module 3.

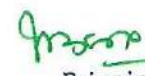
In Module 3, the topic "Impact of jets on vanes" is included. I recommend that this topic be incorporated into the Turbo Machinery course of the V semester, specifically under the hydraulic turbines module, as it aligns better with that subject.

It would be beneficial to redefine the course outcomes. Some of the current course outcomes contain multiple action verbs, which can be clarified and streamlined for better assessment and comprehension.

**Thank You,**

**With Regards,**

  
20/9/23  
Dr. Sudarshan Rao K  
Dean (QA)  
SMVITM, Bantakal, Udupi

  
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20 September 2023

Udupi



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

ವಿಜಯ ಅಧಿನಿಯಮ ೧೯೯೪ ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

State University of Government of Karnataka Established as per the VTU Act, 1994 "Jnana Sangama" Belagavi-590018, Karnataka, India

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REF: VTU/BGM/Aca/BoS/2023/1681

DATE: 3 JUL 2023

### CIRCULAR

**Subject:** Feedback on Draft 3-8 semesters CSE and allied branches  
Scheme of Teaching and Examination (2022) regarding...

The draft 3- to -8 semesters scheme of Teaching and Examinations of CSE and allied branches are uploaded on the university web portal for stakeholders' information and reference @ <https://vtu.ac.in/en/h-e-scheme-syllabus/> [serial number 06 to 21 under the heading of UG Scheme and Syllabus 3rd to 8th Semester {2022 Scheme}]. All the stakeholders are requested to refer to the scheme (2022) and send their **FEEDBACK** to [sanjay.ha@msrit.edu](mailto:sanjay.ha@msrit.edu)

Sd/  
Registrar

To,

1. All the Principals of the Constituent Autonomous and Affiliated Colleges of Engineering under the ambit of the University

Copy to

1. To the Hon'ble Vice-Chancellor through the secretary to VC for information
2. The Registrar (Evaluation) for information
3. The Director (I/c) ITI SMU VTU Belagavi for information and make arrangements to upload it on the VTU web portal.
4. The chairpersons of the Board of Studies of VTU Belagavi for information
5. Office Copy

*Principal*  
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*Registrar*  
REGISTRAR  
03/07/23

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**feedback on 3-8 semester 2022 scheme**

3 messages

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HOD - CSE <cs@sode-edu.in>

Tue, Jul 18, 2023 at 2:02 PM

To: "sanjay.ha@msrit.edu" <sanjay.ha@msrit.edu>

Dear Sir,

Greetings from SMVITM, Bantakal, Udupi.

I am Dr. Soumya Bhat, HOD of department of CSE. Please find the feedback on 2022 scheme for CSE department of SMVITM:

The syllabus of 2022 has made great efforts to include the latest technologies in the curriculum. However, there are few shortcomings. These are the few suggestions:

1. In the first year, few students have studied web development as ETC. In the 5th sem again there is web technology lab. It is a compulsory subject for all students. So, how the subject should be taught when there are few sections of students who have studied web development & few students not studied.
2. The coding subjects like Java are important for CSE students. But, these subjects have been diluted & made optional.
3. MEAN or MERN stack can be included in syllabus.
4. No sql database can be included in syllabus.

Thanks & Regards

-----  
Dr. Soumya J Bhat

Assoc. Prof. & Head

Department of computer science and Engineering



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 **1681 (1).pdf**  
45K

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HOD - CSE <cs@sode-edu.in>

Thu, Feb 22, 2024 at 10:37 AM

To: Soundharya CSE <soundharya.cs@sode-edu.in>

Thanks & Regards

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Dr. Soumya J Bhat

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## Department of Computer Science & Engineering

### Feedback on Revised 2022 Curriculum

Faculty Name	Feedback
Soumya J Bhat	<p>The syllabus of 2022 has made great efforts to include the latest technologies in the curriculum. However, there are few shortcomings. These are the few suggestions:</p> <ol style="list-style-type: none"><li>1. In the first year, few students have studied web development as ETC. In the 5th sem again there is web technology lab. It is a compulsory subject all students. So, how the subject should be taught when there are few sections of students who have studied web development &amp; few students not studied.</li><li>2. The coding subjects like Java are important for CSE students. But, these subjects have been diluted &amp; made optional.</li><li>3. MEAN or MERN stack can be included in syllabus.</li><li>4. No sql database can be included in syllabus.</li></ol>
Yashaswini A S	With respect to practical programs, it would be better to include programs related to real time problems.
Raghavendra Hegde	More lab programs need to be added in Computer Network syllabus to understand the topics in depth.
F. Jethi M	2 subjects can be included for 8th semester by removing a few core subjects of 3rd year.
Chaitra Bhat M	4th, 5th and 6th sem courses are more in number.

Sy J Bhat

Head

Dept. of Comp. Science & Engg.  
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Principal

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