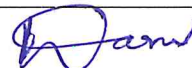








Date: 14-10-2025.

**Agenda of the Board of Studies 2<sup>nd</sup> Meeting to be held on 14-10-2025**

1. Approval of M.Tech Machine Design- Course Structure & Syllabus of M. Tech I,II,III&IV sems
2. Approval of M.Tech Machine Design -Course outcomes of M.Tech I, II, and III&IV Sems.
3. Information on V25 Regulations- P. G (M.Tech- Machine Design)
4. Information for teaching learning processes
5. Any other matter with permission of Chair.

S.No.	BOS Hierarchy	Name of the member	Designation	Signature
1	Chairperson	Mr.P.Dasu	Asst.Professor&HOD	
2	University Nominee	Dr.A.Gopala Krishna JNTUK, Kakinada	Professor	Attend Online
3	Subject Experts (Academic)	Dr.A.Venu Gopal NITW. Warangal	Professor	Attend Online
4	Subject Experts (Academic)	Dr.M.Gopi Krishna ANU, Guntur	Associate Professor	Attend Online
5	Subject Expert (Industry)	Mr.B.Rajasekhar	Executive Director Kristina Engg Works	Attend Online
6	Expert (Outside)	L.Rajesh	Sr.Engineer,Kusalava industries	Attend Online
7	Alumni Member	Mr.T.Raviteja (16MG1A0345)	DE, CYIENT, HYD	Attend Online
8	Internal faculty	Dr.R.Nagendrababu,	Professor& Principal SVIST	
9	Internal faculty	Mr.B.Baloji	Associate Professor(PhD)	
10	Internal faculty	Mr.M.Muttaiah	Associate Professor	
11	Internal faculty	Mr.M Lakshmi Prasad	Assistant Professor	
12	Internal faculty	Mr.S.Ramakrishna	Assistant Professor	
13	Internal faculty	Mr.R.Naresh	Assistant Professor	

Date: 14-07-2025

HOD  
 Department of Mechanical Engineering  
 Sree Vahini Institute of Science & Technology  
**BOS- Chairperson**  
 TIRUVURU 521 235

**1.Approval of M.Tech Machine Design - Course Structure & Syllabus of M. Tech I & II ,III&IVsems and Information on V25 Regulations- P.G (M.Tech).**

BOS Chairman informed the details related to the V25 course structure, Syllabus M.Tech I , II,III&IV sems V25 regulations to all the BOS members.

**Decision:** Noted and approved the course structure, Syllabus. It is suggested to follow the curriculum of R25 for V25- M.Tech (Machine Design).

**2. Approval of M.Tech Machine Design - Course outcomes of M.Tech I ,II III&IV Sems**

The BOS chairman informed the course outcomes of I sem & II sem courses and articulation matrix to all the BOS members

**3. Information on V25 Regulations- P. G (M.Tech- Machine Design)**

The BOS chairman informed to Hon'ble members about V25 regulation polices and audit courses like Health and fitness activities included in the regulations.

**4. Information on teaching learning processes**

The teaching learning processes of the department is discussed and suggestions by the honorable members are noted.

**5. Any other matter with permission of Chair.**

- BOS chairman is informed to Hon'ble members about proposed calendar of events organized for students and faculty for the A. Y. 2025-26.
- BOS Chairman is informed to Hon'ble members about M.TECH I, II, III&IV sems academic results for the A. Y: 2024-25.

**Decision:** Noted

**V25 I M. Tech I SEM Subject Codes****MACHINE DESIGN**

S.No	Course Code	Course Title		L	T	P	C
1	V252111531	Mechanical Vibrations and Acoustics		3	1	0	4
2	V252111532	Advanced Mechanics of Solids		3	1	0	4
3	V252111533	AI&ML for Mechanical Engineering		3	1	0	4
4	Programm eElective— I	V2521115D1	Advanced Finite Element Methods	3	0	0	3
		V2521115D2	Product Design &Development				
		V2521115D3	Geometric Modeling				
		V2521115D4	Numerical methods for Mechanical Engineering				
5	Programm eElective— II	V2521115E1	Design for Manufacturing& Assembly	3	0	0	3
		V2521115E2	Multi Body Dynamics				
		V2521115E3	Vision Systems and Image Processing				
		V2521115E4	Engineering Tribology				
6	V252111561	Machine Dynamics Lab		0	0	4	2
7	V252111562	Design Practice Lab-I		0	0	4	2
8	V25211CCN1	Seminar-I		0	0	2	1
		Total		15	5	6	23

**V25 I M. Tech II SEM Subject Codes****MACHINE DESIGN**

S.No	Course Code	Course Title		L	T	P	C
1	V252121531	Advanced Mechanisms & Robotics		3	1	0	4
2	V252121532	Advanced Machine Design		3	1	0	4
3	V252121533	Signal Analysis and Condition Monitoring		3	1	0	4
4	Programme Elective–III	V2521215F1	Theory of Plasticity	3	0	0	3
		V2521215F2	Advanced Optimization Techniques				
		V2521215F3	Computational Fluid Dynamics				
		V2521215F4	Mechanics of Composite Materials				
5	Programme Elective–IV	V2521215G1	Experimental stress analysis	3	0	0	3
		V2521215G2	Fracture Mechanics				
		V2521215G3	Mechatronics				
		V2521215G4	Introduction to Quantum Technologies				
6	V252121561	Computational Mathematics Lab		0	0	4	2
7	V252121562	Design Practice Lab-II		0	0	4	2
8	V25212CCN1	Seminar-II		0	0	2	1
		Total		15	5	6	23

**Note: Students are informed to complete Summer Internship (duration 8-10 weeks) at the End of the II Semester.**



### V25 II M. Tech I SEM Subject Codes

#### **MACHINE DESIGN**

S.No	Course Code	Course Title	L	T	P	C
1	V25221CC31	Research Methodology and IPR/Swayam12Week MOOC Course RM & IPR	3	0	0	3
2	V25221CC81	Summer Internship/Industrial Training	-	-	-	3
3	V25221CCK1	Comprehensive Viva	-	-	-	2
4	V25221CCA1	Dissertation Part-A	-	-	20	10
<b>TOTAL</b>			<b>3</b>	<b>-</b>	<b>20</b>	<b>18</b>

### V25 II M. Tech II SEM Subject Codes

#### **MACHINE DESIGN**

S. No	Category	Subject Name	Subject Code	L	T	P	C
1	Project Work	Dissertation Part – B	V25222CCA1	-	-	32	
<b>TOTAL</b>				<b>0</b>	<b>0</b>	<b>32</b>	<b>16</b>

Date: 14-07-2025

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TIRUVURU - 521 235  
**BOS- Chairperson**