



# VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified  
Kacharam, Shamshabad, Hyderabad - 501218, Telangana, India

## 16<sup>th</sup> Academic Council Meeting | 20-07-2024 | Minutes

Minutes of 16<sup>th</sup> Academic Council Meeting held on 20-07-2024, at 11.30 AM in Board Room,  
Block # 1, VCE, Hyderabad

### Members of the Academic Council

#	Name	Affiliation	Category
<b>Chairman</b>			
1	Dr. JVR Ravindra	Principal, VCE	Chairman
<b>Nominees of University - Jawaharlal Nehru Technological University Hyderabad</b>			
2	Dr. G. Venkata Narasimha Reddy	Professor of CE & Principal, JNTUH, Hyderabad	Member
3	Dr. V. Hima Bindu	Professor of Env. Sci., JNTUH, Hyderabad	Member
4	Dr. K. Anitha Sheela	Professor of ECE, JNTUH, Hyderabad	Member
<b>Experts/Academicians from outside the College nominated by Governing Body</b>			
5	Dr. G. K. Viswanadh	Emeritus Professor of CE, JNTUH, Hyderabad	Member
6	Prof. Debabrata Das	Director, IIIT-Bangalore, Chairman, IEEE India Council	Member
7	Dr. Pratosh Bansal	Professor, Department of IT, IET, UTD of Devi Ahilya University, Indore (DAVV)	Member
8	Mr. Ramesh Paturi	Managing Director, Cloud and Digital Strategy, PwC, Hyderabad	Member
9	Mr. Adusumalli Ravi Kumar	Senior Manager, AMS-OSRAM, Rajasthan	Member
<b>Members - Head of the Departments &amp; BoS Chairpersons</b>			
10	Dr. Ramesh Karnati	Head, CSE, VCE	Member
11	Dr. G. Suryanarayana	Head, INF, VCE	Member
12	Dr. M. A. Jabbar	Head, CSE (AI&ML), VCE	Member
13	Dr. G. Sreenivasulu	Head, CSE (Data Science), VCE	Member
14	Dr. Hariharan Shanmugasundaram	Head, AI&DS, VCE	Member
15	Dr. Gagandeep Arora	Head, AI&ML, VCE	Member
16	Dr. P. Nageswara Rao	Head, ECE, VCE	Member
17	Dr. N. Karuppiyah	Head, EEE, VCE	Member
18	Dr. P. Venkateshwar Reddy	Head, ME, VCE	Member

#	Name	Affiliation	Category
19	Dr. P. Venkata Koteswara Rao	Head, CE, VCE	Member
20	Dr. V. Lakshminarayana	Head, Mathematics, VCE	Member
21	Dr. Dadamiah PMD Shaik	Head, Physics, VCE	Member
22	Dr. V. Parvathi	Head, English, VCE	Member
23	Dr. Marupati Siddhartha	Head, Chemistry, VCE	Member
24	Dr. Sukanya Metta	Head, Management Studies, VCE	Member
<b>Senior Faculty of the College nominated by Principal</b>			
25	Dr. H. Venkateswara Reddy	Professor, CSE & Dean (Examinations & Evaluation), VCE	Member
26	Dr. Y. Vijayalata	Professor, CSE & Center Head (Off-campus), VCE	Member
27	Dr. E. R. Aruna	Associate Professor, CSE & Dean (Quality Assurance), VCE	Member
28	Prof. Manish K Srivastava	Professor, Management Studies & Dean (Placements & Corporate Relations), VCE	Member
<b>Member Secretary</b>			
29	Dr. S. Rajendar	Dean (Academic Affairs), VCE	Member Secretary

The Principal welcomed the members and introduced the agenda items to be taken up for discussion in the meeting.

The Member Secretary took up the agenda items for discussion and approval.

## 1. Items for Confirmation

### 1.1 Confirmation of minutes of 15<sup>th</sup> and 15a Academic Council Meetings held on 16<sup>th</sup> December 2023 and 6<sup>th</sup> July 2024 respectively which were circulated through mail to all the members.

The minutes of the 15<sup>th</sup> and 15a academic council meetings held on 16<sup>th</sup> December 2023 and 6<sup>th</sup> July 2024 respectively were confirmed by the academic council.

The minutes of 15<sup>th</sup> and 15a academic council meetings are enclosed in Annexure A1.1

### 1.2 Action taken report on the resolutions of 15<sup>th</sup> and 15a Academic Council Meetings.

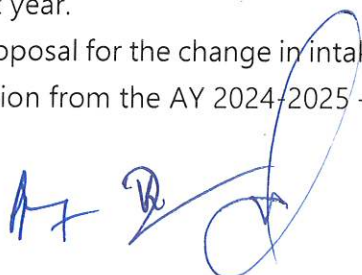
The action taken report on the decisions of the 15<sup>th</sup> and 15a academic council meetings were confirmed by the council for the following approved and ratified items.

All the agenda items of the 15<sup>th</sup> and 15a academic council meetings were approved and are appropriately implemented during/from academic year 2023-2024. The approved and ratified items of the 15<sup>th</sup> and 15a academic council meetings are listed here:

## Meeting #15

### Approved Items

1. BOS members of the departments of Computer Science and Engineering (Data Science) & Electronics and Communication Engineering.
5. Amendments to B.Tech. VCE-R22 academic regulations as per JNTUH regulations w.r.t re-registration of the courses.
6. The curriculum and syllabus of III and IV years (for the approved regulations of B. Tech VCE-R22) for all UG programs, as approved by their respective BOS.
7. The list of new courses introduced in UG and PG programs during the revision of syllabus in the AY 2022-2023 and 2023-2024.
8. The list of value-added courses and their syllabi offered during AY 2023-2024, as approved by the respective BoS of departments.
9. The list of students registered for minor degree programs offered during AY 2023-2024.
10. The list of student condonations due to shortage of attendance during IV B. Tech Semester 2023-2024.
11. The clause for pursuing professional elective courses of B.Tech. through MOOCs (NPTEL/SWAYAM) for credit transfer under B.Tech. VCE-R22 academic regulations w.e.f AY 2024-2025.
12. The clause for pursuing B.Tech. Minor and Honour degree courses through MOOCs (NPTEL/SWAYM) for credit transfer under B.Tech. VCE-R22 Minor and Honour degree academic regulations w.e.f AY 2024-2025.
13. The list of examination malpractice cases and action taken as per malpractice rules for the examinations conducted during AY 2022-2023.
14. Minutes of 6<sup>th</sup> and 7<sup>th</sup> equivalence committee meetings held on 12-09-2023 and 20-09-2023.
15. Minutes of results committee meetings held during AY 2022-2023 for the declaration of regular/supplementary examination results of ODD and EVEN semesters.
16. Implementation of digital evaluation system from AY 2023-2024.
17. Conduction of Vardhaman Scholarship Test (VST 2023) for providing scholarships to the students admitted to B.Tech. during AY 2023-2024.
18. Student internship details during AY 2022-2023 and the list of industries identified for pursuing internship and industrial training for the AY 2023-2024.
19. The list of students applicable for the clause of relaxation of promotion rules for B.Tech. students for promotion from III-year II semester (2022-2023) to IV-year B.Tech. I semester (2023-2024).
20. The list of I and II-year B.Tech. students detained due to want of credits for promotion to next year.
21. The proposal for the change in intake and introduction of new programs in the existing institution from the AY 2024-2025 – recommendation to the Governing Body.



22. The proposal for the introduction of Off-Campus as per the new guidelines in Approval Process Handbook 2024-2027 - recommendation to the Governing Body.
23. Approval for the revision of curriculum for M.Tech. and MBA programmes from the AY 2024-2025.
24. Adding grace marks of 0.5% of total marks for any number of theory courses/subjects as per JNTUH orders/proceedings.

**Ratified Items**

1. UG and PG Academic Calendars for the AY 2023-2024
2. The panel of examiners for conduction of laboratory and project work semester end examinations of UG and PG programs for the academic year 2023-2024, as approved by the respective BoS of departments.
3. Conduction of special supplementary examinations (One-Time-Chance) conducted for UG and PG students for not obtaining their degree in double the duration of the program as per JNTUH orders/proceedings.

**Meeting # 15a:**

**Approved Items:**

1. Introduction of Minor Degree Program in Banking, Financial Services and Insurance (BFSI) from AY 2024-2025

The action taken report is enclosed in Annexure A1.2.

**2. Items for Information**

**2.1 Extension of Approval from AICTE for Main and Off-campus for AY 2024-2025**

The Member Secretary presented the details of intake for the Main and Off-campus sites for AY 2024-2025, based on the extension of approval received from AICTE. Table 2.1 shows the approved intake for the main campus for 2024-2025 compared to 2023-2024.

*Table 2.1 Approved Intake for Main Campus AY 2024-2025*

#	Name of the Program	Intake Approved for	
		2023-24	2024-25
1	B.Tech.-Civil Engineering	60	30
2	B.Tech.-Electrical and Electronics Engineering	60	60
3	B.Tech.-Mechanical Engineering	60	30
4	B.Tech.-Electronics and Communication Engineering	180	180
5	B.Tech.-Computer Science and Engineering	480	540
6	B.Tech.-Information Technology	180	180
7	B.Tech.- Computer Science and Engineering (AI & ML)	180	180
8	B.Tech.- Computer Science and Engineering (Data Science)	180	180
<b>Total Intake (UG)</b>		<b>1380</b>	<b>1380</b>
9	M.Tech.-Structural Engineering	18	6

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#	Name of the Program	Intake Approved for	
		2023-24	2024-25
10	M.Tech.-Power Electronics and Electrical Drives	18	6
11	M.Tech.-Engineering Design	18	6
12	M.Tech.-Digital Electronics and Communication Systems	18	6
13	M.Tech.-Computer Science and Engineering	18	6
14	Master of Business Administration (MBA)	60	120
<b>Total Intake (PG)</b>		<b>150</b>	<b>150</b>
<b>Total (UG+PG)</b>		<b>1530</b>	<b>1530</b>

Table 2.2 presents the approved intake for Off-campus for AY 2024-2025.

Table 2.2 Approved Intake for Off-Campus AY 2024-2025

#	Name of the Program	Intake Approved for 2024-25
1	B.Tech.-Computer Science and Engineering	180
2	B.Tech.-Computer Science and Engineering (AI & ML)	60
3	B.Tech.-Computer Science and Information Technology	30
4	B.Tech.-Information Technology	30
<b>Total Intake (UG)</b>		<b>300</b>

The Council noted the change in the intake for AY 2024-2025.

## 2.2 Report on conduction of examinations and result analysis of UG and PG programs during AY 2023-2024

The Member Secretary presented the result analysis of B.Tech. I, II, III, IV-years, M.Tech. I, II-years, and MBA I, II-years of Odd and Even semester end examinations held during academic year 2022-2023. The Council noted the result analysis.

Table 2.3 UG-B.Tech. Pass Percentage during Odd Semester of AY 2023-2024

Year and Semester	UG – B.Tech. Pass Percentage										Overall (2023-2024)	2022-2023
	CIV	EEE	MEC	ECE	CSE	INF	CSM	CSD	AID	AIM		
I Yr. I Sem.	52.94	67.24	53.85	74.47	87.08	80.95	89.01	78.92	-	-	81.40	78.53
II Yr. I Sem.	56.36	75.36	71.05	75.71	88.26	85.31	89.05	-	85.29	84.29	82.59	75.35
I Yr. I Sem.	59.65	70.15	71.79	83.50	87.90	88.41	91.83	-	82.86	85.92	84.67	81.24
III Yr. I Sem.	72.73	90.77	90.00	87.60	95.04	97.42	95.31	-	-	-	91.43	85.04
IV Yr. I Sem.	80.30	87.69	96.55	94.96	96.95	93.81	96.88	-	-	-	94.00	90.41

Table 2.4 PG-M.Tech. Pass Percentage during Odd Semester of AY 2023-2024

PG – M.Tech. Pass Percentage							
Year and Semester	SE	PEED	ED	DECS	CSE	Overall (2023-2024)	2022-2023
I M.Tech. I Semester	62.50	100.00	33.33	100.00	75.00	73.80	66.00
II M.Tech. I Semester	60.00	33.33	100.00	-	100.00	73.33	73.11

Table 2.5 PG-MBA Pass Percentage during Odd Semester of AY 2023-2024

PG – MBA Pass Percentage		
Year and Semester	MBA (2023-2024)	2022-2023
I MBA I Semester	90.00	81.36
II MBA I Semester	94.83	84.74

The Member Secretary emphasized the improvement in academic performance of students during the Odd semester of 2023-2024 compared to 2022-2023.

Dr. K. Anitha Sheela inquired about the strategies adopted to enhance academic performance. The Member Secretary provided an update on the slow learner policy and its effective implementation, including conducting remedial and make-up classes and rigorous follow-up with slow learners through mentors.

The details of result analysis are enclosed in Annexure - A2.2

### 2.3 Student placements for the academic year 2023-2024

The Member Secretary presented the statistics of placements during 2023-2024 as on 10-12-2023. The Council noted and appreciated the efforts of the Principal, the Dean-Career Development, and the Dean-Placements and Corporate Relations.

Table 2.6 Students Placements AY:2023-2024

#	Branch	CSE	CSM	IT	ECE	EEE	MEC	CIV	TOTAL
1	Total Batch Size	263	60	130	265	65	60	66	909
2	Total PAT Registered Students	235	60	167	220	47	42	22	793
3	Multiple Offers	253	75	223	240	53	85	26	955
4	Single Offers	171	48	133	156	38	40	19	605
5	Percentage of Single Offers	72.77	80.00	79.64	70.91	80.85	95.24	86.36	76.29

Dr. G. K. Viswanadh enquired about the availability of analysis of successful completion of a degree by students who got placed. As the analysis was not available, he told the Member Secretary to prepare the report to understand and follow up to increase the placement ratio against pass percentage.

The details of placements for the AY 2023-2024 as on date is enclosed in Annexure - A2.3.

The Council noted the details and appreciated it.

#### **2.4 Report on 22<sup>nd</sup> Graduation Day 2024 conducted on 22<sup>nd</sup> June 2024.**

The Member Secretary presented the details of students who graduated during 2023-2024 i.e., students of 2020-2024 B.Tech. batch, 2022-2024 M.Tech. and MBA batches who have successfully completed and obtained their degree with and without backlogs within the stipulated period. Graduation day 2024 was conducted on 22<sup>nd</sup> June 2024 and the degrees were awarded to all those students who successfully completed their B.Tech., M.Tech., and MBA degrees.

The Council noted the details and appreciated it.

The details of students completed their degree during AY 2023-2024 are enclosed in Annexure - A2.4

### **3. Items for Approval**

#### **3.1 Amendments to B.Tech. VCE-R22 academic regulations as per JNTUH regulations w.r.t re-registration of the courses.**

The Member Secretary proposed the following amendments to the existing B.Tech. VCE-R22 academic regulations.

- [1] As per JNTUH Circular/Proceedings, Procs. No. A1/16/2023 dated 15-12-2023, with Subject: JNTUH, Hyderabad – Directorate of Academic Affairs – Relaxing of Promotion Rules and Approval of Grace Marks for certain regulations of B.Tech./ B.Pharm./ BBA. – Orders – Issued., proposed relaxation in the credit-based promotion criteria for R18 and R22 Regulations and finalized the new promotion criteria given below:

R22 B.Tech. Regulations Promotion Rules:

*Table 2.7 Promotion Rules for R22 B.Tech. Regular Students*

#	Promotion	Earlier conditions to be fulfilled	New conditions to be fulfilled
1	First Year to Second Year	50% credits (20 out of 40 credits) up to first year second semester	25% credits (10 out of 40 credits) up to first year second semester
2	Second Year to Third Year	60% credits (48 out of 80 credits) up to second year second semester	25% credits (20 out of 80 credits) up to second year second semester
3	Third Year to Fourth Year	60% credits (72 out of 120 credits) up to third year second semester	Regular course of study of third year second semester

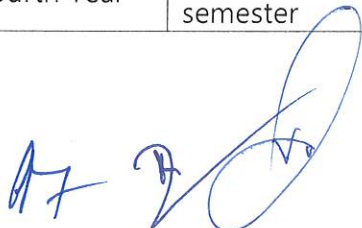


Table 2.8 Promotion Rules for R22 Lateral Entry Students:

#	Promotion	Earlier conditions to be fulfilled	New conditions to be fulfilled
1	Second Year to Third Year	60% credits (24 out of 40 credits) up to second year second semester	25% credits (10 out of 40 credits) up to second year second semester
2	Third Year to Fourth Year	60% credits (48 out of 80 credits) up to third year second semester	Regular course of study of third year second semester

[2] As per JNTUH revised R22 academic regulations,

For mandatory courses of Environmental Science, Gender Sensitization, Universal Human Values-2: Understanding Harmony, Indian Constitution and Research Methodology, a student has to secure 40 marks out of 100 marks (i.e. 40% of the 100 marks allotted) in the Continuous Internal Evaluation for passing the subject/course.

No marks or letter grades shall be allotted for mandatory/non-credit courses. Only Pass/Fail shall be indicated in Grade Card.

The same will be adopted under VCE-R22 academic regulations from AY 2024-2025 onwards.

The Council noted and approved the amendments to the B.Tech. VCE-R22 academic regulations.

### **3.2 Implementation of minors and honors programs for students admitted under B.Tech. R22 academic regulations from AY 2024-2025**

The Member Secretary appealed to the council's permission for implementation of minors and honors programs for students admitted under B.Tech. R22 academic regulations from AY 2024-2025 as per the JNTUH proceedings Lr. No. JNTUH/DAAF/AA/2024 dated 01-06-2024.

The existing guidelines, course structures and syllabus for B.Tech (Honors) and B.Tech. Minor Degree under B.Tech. VCE-R21 Academic Regulations is also applicable for students admitted under VCE-R22 Academic Regulations.

The council approved the implementation of minors and honors programs for students admitted under B.Tech. R22 academic regulations from AY 2024-2025.

Dr. G. K. Viswanadh inquired about the statistics from the previous year regarding the number of students who registered for and successfully completed Minor and Honors degree programs. The Member Secretary provided an update, noting that 50 students were awarded the Minor Degree Program, while there were no registrations for the Honors program.

Dr. G. Viswanadh also requested data on the placements of students who registered for the Minor program. The Member Secretary informed that all students who registered for Minor and Honors programs are advanced learners and were able to secure placements.

### **3.3 Implementation of common First Year curriculum for B.Tech. (Computer Science and Information Technology) at Off-campus during AY 2024-2025 with VCE-R22 academic regulations**

The Member Secretary appealed to the council's permission for implementation of common First Year curriculum for B.Tech. (Computer Science and Information Technology) at Off-campus during AY 2024-2025 with VCE-R22 academic regulations.

Until the new Board of Studies is constituted, the first-year common curriculum as approved for other UG programs of CSE & INF will be followed for the new UG program, B.Tech. (CS&IT) and the curriculum for II, III & IV-Year B.Tech. would be approved by the respective Board of Studies.

The Council approved the implementation of common First Year curriculum for B.Tech. (Computer Science and Information Technology) at Off-campus during AY 2024-2025 with VCE-R22 academic regulations and the curriculum as enclosed in Annexure A3.3.

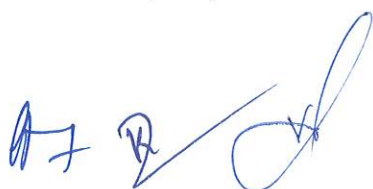
### **3.4 Introduction of Minor degree program in Banking, Financial Services and Insurance (BFSI) from AY 2024-2025**

The Member Secretary appealed to the council's permission to introduce Minor degree program in Banking, Financial Services and Insurance (BFSI) from AY 2024-2025.

This request is in accordance with the instructions received from TGCHE, vide Letter Lr. No. TGCHE/UMS/BFSI Curriculum/2024 with subject TGCSH-UMS- Introduction of BFSI Minor Degree Program in Engineering Colleges from the Academic Year 2024-2025 – Regarding, dated 22-06-2024 and subsequent meeting held with the Principals of Engineering Colleges in JNTUH, Hyderabad on 25-06-2024, the introduction of a Minor Degree Program in Banking, Financial Services and Insurance (BFSI) is proposed by the Telangana Council of Higher Education, a statutory body of Government of Telangana. The same is conveyed to the Principals to implement it from academic year 2024-2025 by taking necessary approvals from Academic Council.

This program has been designed by BFSI Consortium, Hyderabad and TGCHE constituted a committee to identify the colleges to offer this program. Vardhaman College of Engineering being one of the listed colleges and would like to offer this program to provide students an opportunity to gain specialized knowledge in BFSI.

The Council approved the introduction of Minor degree program in Banking, Financial Services and Insurance (BFSI) from AY 2024-2025 and curriculum as enclosed in Annexure A3.4.



### 3.5 Introduction of Industry Ready Professional Training (IRPT) in VLSI Design / Embedded System Design to the students of B.Tech.-ECE/EEE/CSE IV Year from AY 2024-2025 for Credit Transfer

The Member Secretary appealed the council's permission to offer Industry Ready Professional Training in VLSI Design/Embedded System Design course to B.Tech.-ECE/EEE/CSE IV Year I & II Semester for the Academic Year 2024-2025. This request is in accordance with the JNTUH circular/proceedings Lr. No. JNTUH/DAAF/A3/1510/2024 dated 06-07-2024 with Subject: JNTUH-DAAF-Permission for offer Industry Ready Professional Training in VLSI Design/Embedded System Design course to B.Tech.-ECE/EEE/CSE IV Year I & II Semester for the Academic Year 2024-2025.

The college has submitted Expression of Interest (EoI) and the list of students willing to enroll for the program.

The curriculum for IV B.Tech I & II Semester (40+40 credits) is provided by VEDA-IIT in collaboration with consortium of industries viz., M/s SoCtronics Technologies Pvt. Ltd.

The Member Secretary presented the list of following courses of IRPT in VLSI Design/Embedded System Design for IV B.Tech I semester and II semester.

Table 2.9 VEDA-IIT IRPT IV B.Tech I Semester Curriculum Structure:

#	Course Type	Title of the Course	L	T	P	Credits
1	PC	Advanced Logic Design with Functional Blocks and State Machine	3	1	0	4
2	PE-III	Unix and Scripting Languages	3	0	0	3
3	PE-IV	Choose one of the following 1. VLSI Design with Verilog 2. X86 Architecture	3	0	0	3
4	OE-II	Choose one of the following: 1. C++ and Verification Methodologies 2. Physical Design Basics 3. C++, Data Structures in C	3	0	0	3
5	PC	Unix and Scripting Languages Laboratory	0	0	4	2
6	PC	Choose one of the following Lab: 1. VLSI Verilog and System Verilog Laboratory 2. VLSI Physical Design Laboratory 3. C++, Data Structures in C Laboratory 4. X86 Laboratory	0	0	4	2
7	PW	Project Stage - I	0	0	6	3
		Total	12	1	14	20

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Table 2.10 VEDA-IIT IRPT IV BTech II Semester Curriculum Structure:

#	Course Type	Title of the Course	L	T	P	Credits
1	PE-IV	Choose one of the following: 1. VLSI Synthesis 2. Real Time Operating System	3	0	0	3
2	PE-VI	Choose one of the following: 1. System Verilog Assertions and UVM 2. Low Power Physical Design and Chip Finishing 3. Advanced Processor Architecture 4. Introduction to Web Development	3	0	0	3
3	OE-III	Choose one of the following 1. Design for Testability (DFT) 2. ARM Architecture and Interface Protocols 3. Core JAVA 4. Full Stack	3	0	0	3
4	PC	Seminar	0	0	2	1
5	PW	Project Stage - II	0	0	20	10
		Total	9	0	22	20

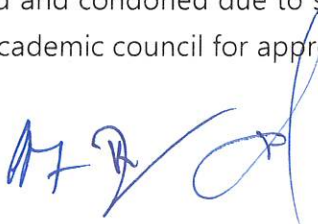
The Council noted and approved the list of following courses of IRPT in VLSI Design/Embedded System Design for ECE/EEE/CSE IV BTech I semester and II semester.

The Council members, particularly Dr. G. K. Viswanadh and Dr. K. Anitha Sheela, cautioned that students should fully understand the terms and conditions of the bond they must execute after joining the program. They also emphasized the need to verify the courses offered during IV B.Tech I & II Semesters to ensure they meet prerequisites and address any missing core courses beyond the VLSI and Embedded Systems domains. They advised that students should be clearly guided to make an informed and voluntary decision regarding their registration for this program.

### 3.6 The list of Student detentions, dropouts and condonations due to shortage of attendance during I, II, III & IV B.Tech. II Semester, I & II M.Tech. II Semester, and II MBA II Semester for the AY 2023-2024.

The Member Secretary presented the list of students detained and condoned due to shortage of attendance during I, II, III & IV B.Tech. II Semester, I & II M.Tech. II Semester, and II MBA II Semester for the AY 2023-2024. The council approved the list and the approved list is enclosed in Annexure - A3.6

The Member Secretary presented that the internal academic committee is constituted with all internal academic council members for meeting and finalizing the list of students detained and condoned due to shortage of attendance and the same may be submitted to the academic council for approval/ratification in its immediate meeting.




Number of Detentions, Dropouts and Condonations during Even Semester of AY 2023-2024 are given in table 2.10.

*Table 2.11 Statistics on Number of Detentions, Dropouts and Condonations during Even Semester of AY 2023-2024*

#	Year, Program and Semester	#Detention	#Dropout	#Condonation
1	I B.Tech. II Semester	13	1	83
2	II B.Tech. II Semester	5	0	77
3	III B.Tech. II Semester	4	0	151
4	IV B.Tech. II Semester	0	0	73
5	I M.Tech. II Semester	0	0	0
6	II M.Tech. II Semester	0	0	0
7	II MBA II Semester	0	0	13

The Council noted and approved the proposal and the constitution of the internal academic committee.

### **3.7 The list of SWAYAM-NPTEL courses identified for credit transfer for pursuing Professional Electives of B.Tech. Regular Degree Program under B.Tech. VCE-R22 academic regulations from AY 2024-2025**

The Member Secretary presented the guidelines for pursuing professional electives of B.Tech. through MOOCs (NPTEL/SWAYAM) and the list of SWAYAM-NPTEL courses identified for credit transfer for pursuing Professional Electives of B.Tech. Regular Degree Program under B.Tech. VCE-R22 academic regulations from AY 2024-2025.

The Council approved the certifications through NPTEL/Swayam MOOCs for the award of credits for Professional Elective Courses. Further, the Council approved the list of such NPTEL Courses identified as equivalent to those courses offered through professional electives, as approved by the BoS of the departments. The list of NPTEL courses identified are enclosed in Annexure A3.7a. Any changes in the courses will be subject to the approval of the Board of Studies of the concerned department.

The Council further approved the guidelines for the credit transfer of professional elective courses through NPTEL Swayam MOOCs as enclosed in Annexure A3.7b.

### **3.8 The list of SWAYAM-NPTEL courses identified for pursuing B.Tech. Minor and Honour degree courses through MOOCs for credit transfer under B.Tech. VCE-R22 academic regulations from AY 2024-2025.**

The Member Secretary presented the guidelines for for pursuing Minor and Honor Courses of B.Tech. through MOOCs (NPTEL/SWAYAM) and the list of SWAYAM-NPTEL courses identified for for pursuing B.Tech. Minor and Honour degree courses through MOOCs for credit transfer under B.Tech. VCE-R22 academic regulations from AY 2024-2025.

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List of Minor Degree Courses mapped with NPTEL Courses are:

1. Minors in Artificial Intelligence and Machine Learning
2. Minors in Data Science
3. Minors in Cyber Security
4. Minors in Internet of Things
5. Minors in Innovation and Entrepreneurship

The Council approved the certifications through NPTEL/ Swayam MOOCs for the award of credits for courses in Minor degree program. Further, the Council approved the list of such NPTEL Courses identified as equivalent to those courses offered in Minor degree program, as approved by the BoS of the departments. The list of NPTEL courses identified is enclosed in Annexure A3.8a. Any changes in the courses will be subject to the approval of the Board of Studies of the concerned department.

The Council approved the guidelines for the credit transfer of Minor degree courses offered through NPTEL Swayam MOOCs as enclosed in Annexure A3.8b. The council further approved the same guidelines (Annexure A3.8b) are applicable for pursuing professional electives for B.Tech. (Honors) – CSE and professional electives through acceleration program (advancing courses in final year). The Council approved that an NPTEL course with 8 weeks/12 weeks will be considered equivalent to 3 credits as mentioned in the guidelines.

Dr. K. Anitha Sheela inquired about the situation when a student fails an NPTEL course and suggested engaging a faculty member to register for the same course in order to mentor the students. The Member Secretary presented the regulations pertaining to the process for completing a course if the students fail through NPTEL. Also informed that faculty members are actively registering for and successfully completing NPTEL courses.

### **3.9 Revision of courses and syllabus of Community Centered Projects offered during first four semesters of B.Tech. program under R22 academic regulations from AY 2024-2025**

The Member Secretary appealed to the council to permit the revision of courses and syllabus of Community Centered Projects offered during first four semesters of B.Tech. program under R22 academic regulations from AY 2024-2025. He also presented the following list of community partners and existing courses and new courses introduced.

1. EPICS at Purdue University
2. J-HUB
3. Bala Vikasa
4. Palle Srujana
5. Youngisthan Foundation
6. Kahna Heartfulness Innovation Center
7. OU TBI
8. NASSCOM Foundation



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Table 2.12 Course of Community Centered Projects

#	Existing Courses	New Courses Introduced
1	Social Innovation	Community Centred Design Thinking
2	Engineering Exploration	Product Design and Development
3	Engineering Design Thinking	Technology Entrepreneurship
4	Product Realization	Community Driven Product Evaluation

The Council noted and approved the list of revised courses and syllabus of community centered projects offered during first four semesters of B.Tech. program under R22 academic regulations from AY 2024-2025.

Dr. K. Anitha Sheela inquired about the evaluation methods and the involvement of community partners. The Member Secretary explained that the evaluation methods are clearly outlined in the academic regulations and that community partners are involved from the outset by providing problem statements and evaluating product performance at various stages to ensure their requirements are met. Interactions with community partners offer students valuable input for their engineering projects.

Dr. Pratosh Bansal praised Vardhaman College of Engineering for its efforts to involve students in community projects, noting that this approach aligns with the interdisciplinary criteria of NEP 2020. He suggested that this initiative be considered a best practice for the institution, given its positive impact on society.

The Member Secretary informed the members that a separate division, the Center for Community Innovations and Transformation (C-CIT), has been established at the institution to engage students in community projects. Approximately 14 well-trained faculty members from this center are dedicated to guiding students in community engagement.

### 3.10 Minutes of results committee meetings held during AY 2023-2024 for the declaration of regular/supplementary examination results of ODD and EVEN semesters.

The Member Secretary presented the minutes of results committee meetings held during academic year 2023-2024 for the declaration of regular/supplementary examination results of ODD and EVEN semesters. The members of the Results Committee are:

Table 2.11 Member of the Results Committee

#	Name of the Member	Designation & Affiliation
1	Dr. JVR Ravindra	Principal, VCE
2	Dr. A. Aruna Kumari	Professor of ME & Director of University Examinations, JNTUH, Hyderabad
3	Dr. H. Venkateshwar Reddy	Dean (Examinations & Evaluation), VCE
4	Dr. S. Venu Gopal	Controller of Examinations, VCE
5	Mr. K. L. Raghavender Reddy	Additional Controller of Examinations, VCE

The Council approved the minutes of results committee meetings held till date.

*R. Ravindra*  
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### **3.11 The list of examination malpractice cases and action taken as per malpractice rules for the examinations conducted during AY 2023-2024.**

The list of students involved in malpractice and the action taken was presented to the members of the council. The Council approved the list and suggested following the malpractice rules proposed by JNTUH for imposing punishment. The type of malpractice and the punishment imposed for those involved in malpractice has to be informed to all the students to bring awareness and reduce such act in future without disclosing the names of the students. The list of students involved in malpractice is enclosed in Annexure - A3.11.

### **3.12 Standard Operating Procedure (SOP) for Recruitment of Professors of Practice**

The Member Secretary presented the standard operating procedure (SOP) for recruitment of professors of practice and list of applications received. The member secretary has sought the approval for SOP and recruitment of professors of practice.

The Council noted the proposal and accepted.

### **3.13 Adding grace marks of for all R18 B.Tech. 2021-2022 and R19 B.Tech. 2022-2023 pass-out students as per JNTUH orders/proceedings.**

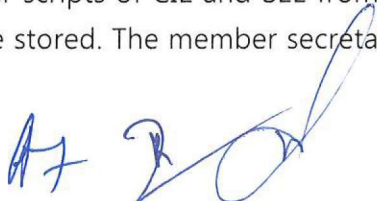
As per JNTUH Circular/Proceedings, Procds No. JNTUH/EB/R18 Grace Marks/3/2024 (Revised), dated 27-04-2024, it is proposed to add grace marks of 0.5% of the total marks for any number of theory courses/subjects to B.Tech. R18 A.Y. 2021-22 and B.Tech. R19 A.Y. 2022-23 outgoing students to qualify for their degrees. The Member Secretary has sought approval to implement these JNTUH Orders.

The Council approved the implementation of JNTUH Orders as outlined in JNTUH Circular/Proceedings, Procds No. JNTUH/EB/R18 Grace Marks/3/2024 (Revised), dated 27-04-2024. According to this order, grace marks of 0.5% of the total marks will be added for any number of theory courses/subjects for B.Tech. R18 A.Y. 2021-22 and B.Tech. R19 A.Y. 2022-23 outgoing students to qualify for their degrees. This policy will also apply to R20 A.Y. 2023-2024 and all future graduating batches until further notice from the University.

The Council suggested recording the number of students benefitting from the policy of adding grace marks. The Member Secretary informed the Council that these details will be recorded in the minutes of the Results Committee meeting and the list will be updated after the declaration of supplementary examination results. The information will then be ratified in the next Academic Council meeting.

### **3.14 Disposal of old used and unused answer scripts and other examination material from the Examination Branch**

All answer scripts of CIE and SEE from 2011 since the institute is accorded autonomous status are stored. The member secretary has sought the approval for the disposal of old



used and unused answer scripts and other examination material from the examination branch.

Dr. G. K. Viswanadh suggested that answer scripts should be preserved for 4 years, after which they can be disposed of once students receive their provisional certificates. Only the answer scripts of students who failed in the courses may be stored until they complete their degree.

The Council approved the disposal of old and unused answer scripts, as well as other examination materials from 2011 to 2020. Additionally, the suggestion made by G. K. Viswanadh will be followed henceforth.

#### **4. Items for Ratification**

##### **4.1. UG and PG Academic Calendars for the AY 2024-2025**

The following UG and PG academic calendars for the academic year 2024-2025 were placed in the Council for ratification.

1. B.Tech. I,II,III & IV Year Academic Calendars 2024-2025
2. M.Tech. MBA I,II Year Academic Calendars 2024-2025

In all the academic calendars, each semester shall be 21 weeks' duration (inclusive of examinations), with a minimum of 90 instructional days. The academic calendars are enclosed in the Annexure – A4.1

The Council noted and ratified the academic calendars for the AY 2024-2025.

##### **4.2 The panel of examiners for conduction of laboratories and project work viva-voce examinations of UG and PG programs for the academic year 2024-2025, as approved by the respective BoS of departments.**

The Member Secretary presented the panel of examiners for conduction of laboratories and project work semester end examinations of UG and PG programs for the academic year 2024-2025, as approved by the respective BoS of departments. He emphasized that the panel of examiners includes industry experts apart from academicians.

Dr. G. K. Viswanadh suggested that at least 20% of the examiners should be new each academic year, rather than repeatedly inviting the same individuals.

The Council noted and ratified the panel of examiners as listed in Annexure A4.2.

##### **4.3 The list of value-added courses and their syllabi to be offered during AY 2024-2025, as approved by the respective BoS of departments.**

The Member Secretary presented the list of value-added courses and their syllabi to be offered for UG and PG programs for the academic year 2024-2025, as approved by the respective BoS of departments.

Dr. G. K. Viswanadh suggested that students should not be encouraged to register for more than one value-added course per semester.



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The Council noted and ratified the value-added courses as listed in Annexure A4.3.

**4.4 Student internship details during AY 2023-2024 and the list of industries identified for pursuing internship and industrial training for the AY 2024-2025 as approved by the respective BoS of departments.**

The Member Secretary presented the list of industries identified for pursuing internship and industrial training for the AY 2024-2025, as approved by the respective BoS of departments.

The Council noted and ratified the list of industries for internships and industrial trainings as listed in Annexure A4.4.

**5. Any other points with the permission of the Chair.**

The Chairman requested the members to give general and specific suggestions if any.

Dr. K. Anitha Sheela suggested approaching IIT Hyderabad for internships in 5G Communications and recommended reaching out to CITD and other companies for MoUs. She also proposed presenting data related to sponsored R&D projects, consultancy work, awards, and recognitions.

Dr. G. K. Viswanadh recommended presenting data on institutional achievements, including those of students and faculty.

Dr. G. Venkata Narasimha Reddy, Dr. Pratosh Bansal, and Mr. Ravi Kumar congratulated all internal members for their active involvement and for introducing new initiatives to advance the institution.

The Member Secretary accepted all the suggestions positively and informed the members that these will be incorporated and presented at the next meeting. He also announced that the 17th Academic Council meeting will be conducted in December 2024.

The meeting concluded with thanks to the Chair.

  
**Dr. S. Rajendar**

Dean (Academic Affairs) &  
Member Secretary (Academic Council)

**Dean (Academic Affairs)**  
**VARDHAMAN COLLEGE OF ENGINEERING**  
Kacharam, Shamshabad - 501218  
Hyderabad, Telangana State





**Prof. JVR Ravindra**  
Principal &  
Chairman (Academic Council)

**PRINCIPAL**  
**VARDHAMAN COLLEGE OF ENGINEERING**  
Shamshabad, Hyderabad.







# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified  
Kacharam, Shamshabad, Hyderabad - 501218, Telangana, India


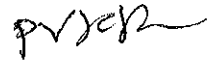

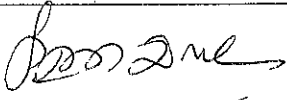
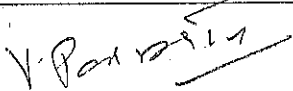

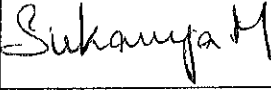
16<sup>th</sup> Academic Council Meeting held on 20-07-2024 at 11:30 AM

## ATTENDANCE SHEET (In-Person & Virtual)


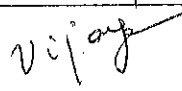
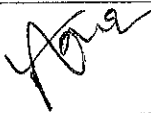
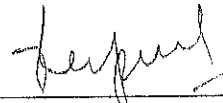
### Members of the Academic Council & Invitees

#### Members Attended In-Person:

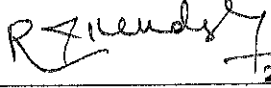
#	Name	Affiliation	Signature
<b>Chairman</b>			
1	Dr. JVR Ravindra	Principal, VCE	
<b>Nominees of University - Jawaharlal Nehru Technological University Hyderabad</b>			
2	Dr. G. Venkata Narasimha Reddy	Professor of CE & Principal, JNTUH, Hyderabad	
3	Dr. V. Hima Bindu	Professor of Env. Sci., JNTUH, Hyderabad	
4	Dr. K. Anitha Sheela	Professor of ECE, JNTUH, Hyderabad	
<b>Experts/Academicians from outside the College nominated by Governing Body</b>			
5	Dr. G. K. Viswanadh	Emeritus Professor of CE, JNTUH, Hyderabad	 m.c.s 20.07.24
<b>Members - Head of the Departments &amp; BoS Chairpersons</b>			
6	Dr. Ramesh Karnati	Head, CSE, VCE	
7	Dr. G. Suryanarayana	Head, INF, VCE	
8	Dr. M. A. Jabbar	Head, CSE (AI&ML), VCE	
9	Dr. G. Sreenivasulu	Head, CSE (Data Science), VCE	
10	Dr Hariharan Shanmugasundaram	Head, AI&DS, VCE	
11	Dr. Gagandeep Arora	Head, AI&ML, VCE	
12	Dr. P. Nageswara Rao	Head, ECE, VCE	
13	Dr. N. Karuppiah	Head, EEE, VCE	

#	Name	Affiliation	Signature
14	Dr. P. Venkateshwar Reddy	Head, ME, VCE	
15	Dr. P. Venkata Koteswara Rao	Head, CE, VCE	
16	Dr. V. Lakshminarayana	Head, Mathematics, VCE	
17	Dr. Dadamiah PMD Shaik	Head, Physics, VCE	
18	Dr. V. Parvathi	Head, English, VCE	
19	Dr. Marupati Siddhartha	Head, Chemistry, VCE	
20	Dr. Sukanya Metta	Head, Management Studies, VCE	

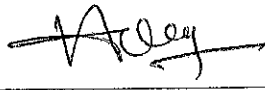

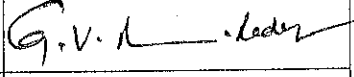
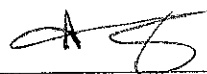
**Senior Faculty of the College nominated by Principal**



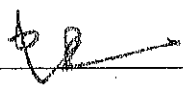


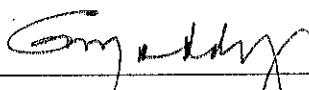
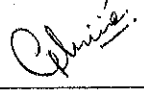
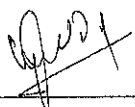
21	Dr. H. Venkateswara Reddy	Professor, CSE & Dean (Examinations & Evaluation), VCE	
22	Dr. Y. Vijayalata	Professor, CSE & Center Head (Off-campus), VCE	
23	Dr. E. R. Aruna	Associate Professor, CSE & Dean (Quality Assurance), VCE	
24	Prof. Manish K Srivastava	Professor, Management Studies & Dean (Placements & Corporate Relations), VCE	

**Member Secretary**

25	Dr. S. Rajendar	Dean (Academic Affairs), VCE	 20/9/24
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**Invitees**

26	Dr. S. Venu Gopal	Controller of Examinations & Head, ERP, VCE	
27	Mr. K. L. Raghavender Reddy	Additional Controller of Examinations, VCE	
28	Dr. G. Venkata Rami Reddy	Dean (Computer Science), VCE	
29	Dr. Md. Asif	Dean (Student Affairs), VCE	

#	Name	Affiliation	Signature
30	Prof. Vivek Kulkarni	Dean (Faculty Affairs), VCE	
31	Dr. V. Munisekhar	Dean (Career Development), VCE	
32	Dr. G. A. E. Satish Kumar	Dean (Student Mentoring), VCE	
33	Dr. J. Krishna Chaitanya	Dean (R&D), VCE	
34	Dr. Gouse Baig Mohammad	Dean (Outreach), VCE	
35	Dr. G. V. K. Reddy	Dean (International Affairs), VCE	
36	Dr. C. Padmini	Head, Center for Innovation and Entrepreneurship, VCE	
37	Mr. B. Raja Gopal Reddy	Associate Dean (Academic Affairs), VCE	

#### Virtual Attendees through Google Meet:

16th Academic Council Meeting - Vardhaman College of Engineering

Saturday, July 20 · 11:30am – 1:00pm

Time zone: Asia/Kolkata

Google Meet joining info

Video call link: <https://meet.google.com/oxy-tfhr-gjn>

#	Name	Affiliation
1	Prof. Debabrata Das	Director, IIIT-Bangalore, Chairman, IEEE India Council
2	Dr. Pratosh Bansal	Professor, Department of IT, IET, UTD of Devi Ahilya University (DAVV), Indore
3	Mr. Ramesh Paturi	Managing Director, Cloud and Digital Strategy, PwC, Hyderabad
4	Mr. Adusumalti Ravi Kumar	Senior Manager, AMS-OSRAM, Rajasthan

