

## **1.1.3(B) Minutes of the Boards of Studies/ Academic Council meetings with approval for the courses mentioned in 1.1.3 (A)**

### **Department of Mechanical Engineering**

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**Department of Mechanical Engineering**Minimum Credits to be Earned: 160 (for Regular Students)  
127 (for Lateral Entry Students)

<b>Fifth Semester</b>							
1	21ME501	Computer Aided Design and Manufacturing	1,2,5,9,10,12, PSO1 PSO2	3	-	2	4
2	21ME502	Design of Machine Members I	1,2,3,12, PSO1	3	-	-	3
3	21ME503	Steam and Gas Turbines	1,2,3,6,7,10,12, PSO2	3	-	-	3
4	21ME504	Mechanical Measurements and Metrology	1,2,3,6,10,12	3	-	2	4
5		Elective I (Professional Elective)		3	-	-	3
6		Elective II (Open Elective I)		3	-	-	3
7	21ME507	Metal Cutting and Machine Tools Lab	1,2,3,9,10, 12,PSO2	-	-	3	1.5
8	21TPX01	Term Paper	1,2,3,4,10,12	-	-	3	1.5
9	21ESX02	Employability Skills II	1,2,5,8,10,12	-	-	2	-
10	21HSX12	CC & EC Activities II	6,7,9,10,12	-	-	1	-
11	21SIX01	Summer Internship #I	1,2,8,9,10,12	-	-	-	1
				<b>Total</b>	<b>18</b>	-	<b>13</b> <b>24</b>

**Commented [DG1]:** Approved in 18th Academic council meeting, dated 13/7/22.

<b>Sixth Semester</b>							
1	21ME601	Design of Machine Members II	1,2,3,12,PSO1	3	-	-	3
2	21ME602	Finite Element Methods	1,2,3,PSO <sub>1</sub> ,PSO <sub>2</sub>	3	-	-	3
3	21ME603	Heat Transfer	1,2,3,7,10,12, PSO <sub>2</sub>	3	-	-	3
4		Elective III (Professional Elective)		3	-	2	4
5		Elective IV (Open Elective II)		3	-	-	3
6	21ME606	Heat Transfer Lab	1,2,3,4,7,10,12	-	-	3	1.5
7	21MPX01	Mini Project	All POs	-	-	3	1.5
8	21ESX02	Employability Skills II	1,6,8,10,12	-	-	2	2
9	21HSX12	CC & EC Activities II	6,7,9,10,12	-	-	1	1
10	21ATX01	Environmental Studies	1,6,7,8,12	-	-	-	-
11	21ATX02	Professional Ethics and Human Values		-	-	-	-
12	21ATX--	Audit Course		-	-	-	-
				<b>Total</b>	<b>15</b>	-	<b>11</b> <b>22</b>

**Commented [DG2]:** Approved in 18th Academic council meeting, dated 13/7/22.

<b>Seventh Semester</b>							
1	21PWX01	Project Work	All POs	-	-	16	8
2		Elective V (Professional Elective)		3	-	-	3
3		Elective VI (Professional Elective)		3	-	-	3
4		Elective VII (Open Elective III)		3	-	-	3
5	21SIX02	Summer Internship #II	1,2,5,6,10,12	-	-	-	1
				<b>Total</b>	<b>9</b>	-	<b>16</b> <b>18</b>

**Commented [DG3]:** Approved in 18th Academic council meeting, dated 13/7/22.

<b>Eighth Semester</b>							
1	21FIX01	Full Semester Internship (FSI)	1,2,5,8,9,10, PSO <sub>1</sub> ,PSO <sub>2</sub>	-	-	-	8
2		Elective VIII (Professional Elective)		-	-	-	3
3		Elective IX (Open Elective IV)		-	-	-	3
				<b>Total</b>	-	-	<b>14</b>
				<b>Total Credits</b>	<b>100</b>	-	<b>88</b> <b>160</b>

**Commented [DG4]:** Approved in 18th Academic council meeting, dated 13/7/22.

**List of Electives****Language Electives**

No.	Course Code	Course	POs	Contact Hours			
				L	T	P	C
1	21HSX03	Advanced Communicative English	1,9,10,11,12	2	-	-	2
2	21HSX04	Communicative German		2	-	-	2
3	21HSX05	Communicative French		2	-	-	2
4	21HSX06	Communicative Japanese		2	-	-	2
5	21HSX07	Communicative Spanish		2	-	-	2
6	21HSX08	Communicative Korean		2	-	-	2
7	21HSX09	Communicative Hindi		2	-	-	2

**Elective I : Career Path I, II, III and Other Core Electives**

1	21MEC11	Automotive Informatics(Automotive Electronics Career Path)	1,5,6,12,PSO2	3	-	-	3
2	21MEC21	Fundamentals of Digital Manufacturing Science(Digital Manufacturing Career Path)	1,5,10,12,PSO <sub>2</sub>	3	-	-	3
3	21MEC31	Data Analytics & Operations Management(Smart Management Analytics Career Path)	1,2,10,11,12	3	-	-	3
4	21ME005	Alternate Fuels and Emission Control in Automotives	1,6,7,10,12	3	-	-	3
5	21ME006	Industrial Robotics and Applications	1,2,3,12,PSO <sub>1</sub>	3	-	-	3
6	21ME007	Nontraditional Machining and Forming Processes	1,2,10,12,PSO <sub>2</sub>	3	-	-	3
7		MOOCs		3	-	-	3

**Commented [DG5]:** Approved in 18th Academic council meeting, dated 13/7/22.

**Elective III : Career Path I, II, III and Other Core Electives**

1	21MEC12	Sensors & Actuators for Automotive Electronics(Automotive Electronics Career Path)	1,2,10,12,PSO2	3	-	2	4
2	21MEC22	Artificial Intelligence & Robotics(Digital Manufacturing Career Path)	2,5,10,12,PSO1	3	-	2	4
3	21MEC32	Smart Supply Chain Analytics(Smart Management Analytics Career Path)	1,2,3,5,12	3	-	2	4
4	21ME008	Additive Manufacturing	1,2,3,10,12,PSO2	4	-	-	4
5	21ME009	Mechatronics	1,2,3,4,9,10,12,PSO1	4	-	-	4
6	21ME010	Computational Fluid Dynamics	1,2,3,4,7,10,12	4	-	-	4
7		MOOCs		3	-	-	3

**Commented [DG6]:** Approved in 18th Academic council meeting, dated 13/7/22.

**Elective V : Career Path I, II, III and Other Core Electives**

1	21MEC13	Automotive Instrumentation and Diagnostics (Automotive Electronics Career Path)	1,2,7,12,PSO1	3	-	-	3
2	21MEC23	3D Printing (Digital Manufacturing Career Path)	1,5,10,12,PSO <sub>2</sub>	3	-	-	3
3	21MEC33	Quality Assurance & Reliability Engineering for Sustainability (Smart Management Analytics Career Path)	1,3,5,10,12	3	-	-	3
4	21ME011	Automobile Engineering	1,2,6,7,12,PSO1,PSO2	3	-	-	3
5	21ME012	Design for Manufacturing	1,2,6,7,10,12,PSO2	3	-	-	3
6	21ME013	Operations Research	1,2,3,5,12	3	-	-	3
7		MOOCs		3	-	-	3

**Commented [DG7]:** Approved in 18th Academic council meeting, dated 13/7/22.

<b>Elective VI</b>						
1	21ME014	Refrigeration and Air Conditioning	1,2,3,7,12,PSO2	3	-	-
2	21ME015	Industrial IOT for Manufacturing	1,2, 12,PSO1,PSO2	3	-	-
3	21ME016	Quality Engineering	1,2,5,8,10,12	3	-	-
<b>Elective VIII</b>						
1	21ME017	Power Plant Engineering	1,2,3,7,12,PSO2	-	-	-
2	21ME018	Supply Chain Management	1,2, 12,PSO1,PSO2	-	-	-
3	21ME019	Industrial Tribology	1,2,5,8,10,12	-	-	-
4	21ME020	Piping & Pressure Vessel Engineering	1,2 3, 5 12, PSO2	3	-	-

**Commented [DG8]:** Approved in 18th Academic council meeting, dated 13/7/22.

**Commented [DG9]:** Approved in 18th Academic council meeting, dated 13/7/22.

**Department of Mechanical Engineering**

Minimum Credits to be Earned: 160 (for Regular Students)  
127 (for Lateral Entry Students)

**Third Semester**

1	23ME301	Engineering Materials and Manufacturing Technology	1,2,9,10,12, PSO <sub>2</sub>	3	-	2	4
2	23ME302	Computer Aided Machine Drawing	1,2,3,5,10,12,PSO <sub>1</sub>	3	-	2	4
3	23ME303	Fundamentals of Python Programming	1,2,5,10,12	2	-	2	3
4	23ME304	Fluid Mechanics and Hydraulic Machines	1,2,3,7,10,12, PSO <sub>2</sub>	3	-	-	3
5	23ME305	Kinematics of Machinery	1,2,3,10,12, PSO <sub>1</sub>	3	-	-	3
6	23ME306	Thermodynamics	1,2,10,12, PSO <sub>2</sub>	3	-	-	3
7	23ME307	Fluid Mechanics and Hydraulic Machines Lab	1,2,7,9,10,12, PSO <sub>2</sub>	-	-	3	1.5
8	23MA305	Computational Mathematics Lab	1,2,3,4,5,10,12	-	-	3	1.5
9	23ESX01	Employability Skills I	1,2,5,8,10,12	-	-	2	-
<b>Total</b>				<b>18</b>	-	<b>13</b>	<b>23</b>

**Commented [DG1]:** Approved in 20th ACM meeting,  
dated 15/6/24.

**Fourth Semester**

1	23IT306	Object Oriented Programming through Java	1,2,3,4,5,10,12	3	-	2	4
2	23ME401	Applied Thermodynamics	1,2,3,7,10,12,PSO <sub>2</sub>	3	-	-	3
3	23ME402	Dynamics of Machinery	1,2,3,10,12,PSO <sub>1</sub>	3	-	-	3
4	23ME403	Metal Cutting and Machine Tools	1,2,10,12,PSO <sub>2</sub>	3	-	-	3
5	23ME404	Mechanics of Solids	1,2,3,6,10,12,PSO <sub>1</sub>	3	-	-	3
6	23ME405	Thermal Engineering Lab	1,3,8,9,10,PSO <sub>2</sub>	-	-	3	1.5
7	23ME406	Mechanics of Solids Lab	1,2,3,4,10,12	-	-	3	1.5
8	23ESX01	Employability Skills I	1,2,5,8,10,12	-	-	2	2
<b>Total</b>				<b>15</b>	-	<b>10</b>	<b>21</b>

**Commented [DG2]:** Approved in 20th ACM meeting,  
dated 15/6/24.

## MINUTES OF THE 18<sup>th</sup> ACADEMIC COUNCIL MEETING

Media : Zoom (Online Meeting)  
 Date : 13.07.2022 (Wednesday)  
 Time : 03:00 PM – 05:00 PM

### MEMBERS PRESENT

Dr. C. L. V. R. S. V. Prasad	- Chairman (Principal)
Dr. KVSG Murali Krishna	- Member
Dr. B. Bala Krishna	- Member
Dr. R.Rajeswara Rao	- Member
Dr. A.Venugopal	- Member
Dr. K. V. L. Subramaniam	- Member
Dr. P. Mallikarjuna Rao	- Member
Dr. P. K. Jain	- Member
Chair Person (BoS : Civil Engg.)	- Member
Chair Person (BoS : EEE)	- Member
Chair Person (BoS : Mech Engg.)	- Member
Chair Person (BoS : ECE)	- Member
Chair Person (BoS : CSE)	- Member
Chair Person (BoS : Chem Engg.)	- Member
Chair Person (BoS : IT)	- Member
Chair Person (BoS : BS&H)	- Member
Dr.S.N.Dash(CDC-Head)	- Member
Dr.G.Sasi Kumar(Asso.Dean-Student Affairs)	- Member
Dr.P.S.Venkata Narayana(Asso.Dean-R&D)	- Member
Dr.T.Prabhakar (Controller of Examinations)	- Member
Dr. L.Govinda Rao(IQAC Coordinator)	- Member
Dr. M.V.Nageswara Rao(Asso.Dean-Academics)	- Member Secretary

### GRANT OF LEAVE OF ABSENCE

Mr. V. Paradesi Naidu - Member

Chairman welcomed all the members of the academic council and requested for the grant leave of absence for the above referred members. **(Item #1)**

Subsequently, the Chairman presented the action taken report for the 17<sup>th</sup> academic council meeting and received the confirmation for the minutes of 17<sup>th</sup> academic council meeting held on 11<sup>th</sup> Sep 2021 from all the esteemed members. **(Item #2&3)**.



Chairman presented the details of the overall Operations and performance of the Institution (Academic-Operations, Ranking, Achievements, Placements and Research) (**Item #4**).

Academic council members appreciated the efforts and initiatives taken up by the institute for the overall development and the ranking achieved. Congratulated the students who achieved credential in curricular and co-curricular activities.

#### **ITEM No.: 5**

**Ratification of Semester end result for regular and supplementary examination for the academic year 2020-21(II, IV, VI semesters) and 2021-22 (I, III, VI, VII, VIII semesters) held during September 2021 to July 2022 for Students in B. Tech. Programs.**

Chairman presented the results declared for the regular and supplementary examinations pertaining to semesters mentioned above for the students admitted during the different academic years under Academic Regulation AR16, AR19, AR20 and AR 21 and requested for the ratification of the results which were declared by the College academic committee in the presence of the JNTUK representative.

The members after the detailed review, ratified the results of all the regular and supply examinations declared by the college academic committee as per the **Annexure I**.

#### **ITEM No.: 6**

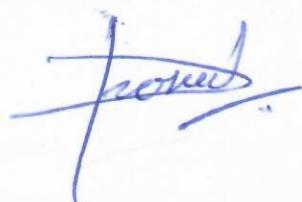
**Ratification of results of 2<sup>nd</sup> phase semester end exams for all the COVID-19 infected students during 2021-22.**

Chairman presented the list of students infected with COVID-19 and could not appear for the 7<sup>th</sup> semester examinations. These students were permitted to appear in the 2<sup>nd</sup> phase as per the university directions considering it as a first attempt.

The members after the detailed review, ratified the Class and CGPA declared by the college academic committee as per the **Annexure II**.

#### **ITEM No.: 7**

**Ratification of the PC eligibility list of the students admitted during the Academic Year 2018-19 and earlier batches who have successfully acquired the graduation requirements for the award of B. Tech. Degree as per the respective academic regulations at the time of admission.**



Chairman presented the (semester-wise & branch-wise) results of the 2018 admitted batch for all the semesters' i.e from 1<sup>st</sup> to 8<sup>th</sup> semesters under Academic Regulation AR16 and who have acquired the graduation requirements and eligible for the issue of Provisional certificate. Further, details of the students who have acquired graduation requirements and eligible for the issue of PCs pertaining to the batches admitted earlier to 2018 are presented.

The members reviewed the results (1<sup>st</sup> semester to 8<sup>th</sup> semester) of 2018 admitted batch students and approved the PC eligibility list of the student who will be getting graduated by July 2022 as per the academic regulations AR16. Apart from this, the PC eligible students from the earlier admitted students who have acquired graduation requirements were also approved as per the **Annexure III**.

#### **ITEM No.: 8**

**Ratification of the AR21 regulations for UG and PG programs that are approved by circulation wide the circulars dated 15-11-2021, 30-12-2021 & 30-03-2022 (In compliance with the JNTUK common guidelines)**

Chairman presented the Academic Regulations 2021 (AR21) and Curriculum recommended by the respective BoS and which are in line with JNTUK common guidelines majorly in the context of incorporating the changes relate to the marks division between internal and External marks (30+70), Absolute grading in the place of Hybrid grading and Award of Class of degree (Division/Class) for UG and PG programs.

The members after deliberation ratified the Academic Regulations 2021 (AR21), Curriculum for UG and PG programs as per **Annexure IV &V**.

#### **ITEM NO.:9**

**Approval of course structure, 3<sup>rd</sup> & 4<sup>th</sup> semesters syllabus for the new programs B.Tech CSE(AIML) and B.Tech CSE(AIDS) as per Academic Regulations 2021.**

Chairman presented the recommendations of the Board of Studies CSE(AIDS) and CSE (AIML) with regard to the course structure and detailed Syllabi for 3<sup>rd</sup> and 4<sup>th</sup> semesters as per AR21 for the B. Tech. (Regular), B. Tech. (Honors) and B. Tech (Minor) Programs for the ratification of Academic Council

Members after deliberation ratified the syllabi for the 3<sup>rd</sup> and 4<sup>th</sup> semesters as per the **Annexure VI & VII**.



**ITEM NO.:10****Ratification of the syllabus for the 7<sup>th</sup> and 8<sup>th</sup> semesters as per AR19 and AR20 academic regulations**

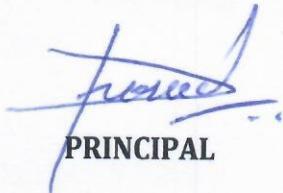
Chairman presented the recommendations of all the seven Board of Studies with regard to the detailed Syllabi for 7<sup>th</sup> and 8<sup>th</sup> semesters under the Academic Regulation AR 19 and AR 20 for the B. Tech. (Regular), B. Tech. (Honors) and B. Tech (Minor) Programs for the ratification of Academic Council

Members after deliberation ratified the syllabi for the 7<sup>th</sup> and 8<sup>th</sup> semesters as per the **Annexure VIII to XIV**

**ITEM NO.:11****Ratification for readmitted students under transitory Regulations**

As per the transitory regulations, with regard to the students re-admitted under, AR19/AR20 moving from AR16/AR19, Board of Studies of the respective departments discussed the issues case to case and recommended the substitute courses balancing the credit requirements. The details of the students are presented by the chairman before the council for formal ratification

Members ratified the recommendations of the respective BoS as per the **Annexure XV**

  
**PRINCIPAL**

**Encl. (a) Annexure A (b) Annexure B (c) Annexure C (d) Annexure D**

**Copy to:**

- All Members of the Academic Council
- Autonomous Coordinator (Institute Level)
- Assoc.Dean(Academics)
- Controller of Examinations (CoE)
- File

## MINUTES OF THE 18<sup>th</sup> ACADEMIC COUNCIL MEETING

### Annexure IV:

[http://www.gmrit.org/Autonomy\\_Regulations\\_UGPrograms\\_2021.pdf](http://www.gmrit.org/Autonomy_Regulations_UGPrograms_2021.pdf)

### Annexure V:

[http://www.gmrit.org/Autonomy\\_Regulations\\_PGPrograms\\_2021.pdf](http://www.gmrit.org/Autonomy_Regulations_PGPrograms_2021.pdf)

### Annexure VI:

[http://www.gmrit.org/resources/CSE-AI&DS\\_Course\\_Structure.pdf](http://www.gmrit.org/resources/CSE-AI&DS_Course_Structure.pdf)

### Annexure VII:

[http://www.gmrit.org/resources/CSE-AI&ML\\_Course\\_structure.pdf](http://www.gmrit.org/resources/CSE-AI&ML_Course_structure.pdf)

### Annexure VIII: CIVIL Engineering

[http://www.gmrit.org/resources/B.Tech\\_Civil\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_Civil_Syllabus_AR19.pdf)

[http://www.gmrit.org/resources/B.Tech\\_Civil\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_Civil_Syllabus_AR20.pdf)

### Annexure IX: CHEMIAL Engineering

[http://www.gmrit.org/resources/B.Tech\\_Chem\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_Chem_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_Chem\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_Chem_Syllabus_AR19.pdf)

### Annexure X: Computer Science Engineering

[http://www.gmrit.org/resources/B.Tech\\_CSE\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_CSE_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_CSE\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_CSE_Syllabus_AR19.pdf)

### Annexure XI: Information Technology

[http://www.gmrit.org/resources/B.Tech\\_IT\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_IT_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_IT\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_IT_Syllabus_AR19.pdf)

### Annexure XII: Electronics and Communication Engineering

[http://www.gmrit.org/resources/B.Tech\\_ECE\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_ECE_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_ECE\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_ECE_Syllabus_AR19.pdf)

### Annexure XIII: Electrical and Electronics Engineering

[http://www.gmrit.org/resources/B.Tech\\_EEE\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_EEE_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_EEE\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_EEE_Syllabus_AR19.pdf)

### Annexure XIV: Electrical and Electronics Engineering

[http://www.gmrit.org/resources/B.Tech\\_Mech\\_Syllabus\\_AR20.pdf](http://www.gmrit.org/resources/B.Tech_Mech_Syllabus_AR20.pdf)

[http://www.gmrit.org/resources/B.Tech\\_Mech\\_Syllabus\\_AR19.pdf](http://www.gmrit.org/resources/B.Tech_Mech_Syllabus_AR19.pdf)



## MINUTES OF THE 20<sup>th</sup> ACADEMIC COUNCIL MEETING

Media : Zoom (Online Meeting)  
 Date : 15.06.2024 (Saturday)  
 Time : 03:00 PM – 05:00 PM

### MEMBERS PRESENT

Dr. C. L. V. R. S. V. Prasad	- Chairman (Principal)
Dr. D. Rajya Lakshmi	- Member
Mr.B.Chandra Bhushana Rao	- Member
Dr. G. Jayasuma	- Member
Dr. A. Venu Gopal	- Member
Dr. P. Mallikarjuna Rao	- Member
Dr. P. K. Jain	- Member
Chair Person (BoS : Civil Engg.)	- Member
Chair Person (BoS : EEE)	- Member
Chair Person (BoS : Chem & Mech Engg.)	- Member
Chair Person (BoS : ECE)	- Member
Chair Person (BoS : CSE)	- Member
Chair Person (BoS : IT)	- Member
Chair Person (BoS : BS&H)	- Member
Chair Person (BoS : AIML,AIDS)	- Member
Dr.S.N.Dash(CDC-Head)	- Member
Dr.V.Rambabu (Asso.Dean-Student Affairs)	- Member
Dr. K.Ravindranadh (Asso.Dean-R&D)	- Member
Dr.T.Prabhakar (Controller of Examinations)	- Member
Dr.P.N.L.Pavani (Head -IQAC)	- Member
Dr. M.V.Nageswara Rao(Asso.Dean-Academics)	- Member Secretary

### GRANT OF LEAVE OF ABSENCE

Dr. K. V. L. Subramaniam	- Member
Mr. V. Paradesi Naidu	- Member

Chairman welcomed all the members of the academic council and requested for the grant leave of absence for the above referred members. **(Item #1)**.

Member Secretary presented the action taken report for the 19<sup>th</sup> academic council meeting and received the confirmation for the minutes of 19<sup>th</sup> academic council meeting held on 06<sup>th</sup> June 2023 from all the esteemed members.

Also presented the action taken report for the approvals taken by circulation on 20.11.2023 and received the confirmation from all the esteemed members. **(Item #2 &3).**

Member Secretary presented the details of the overall Operations and performance of the Institution (Academic-Operations, Ranking, Achievements, Placements and Research) **(Item #4).**

Academic council members appreciated the efforts and initiatives taken up by the institute for the overall development and the ranking achieved. Congratulated the students who achieved credential in curricular and co-curricular activities.

#### **ITEM No.: 5**

**Ratification of Semester end result for regular and supplementary examination for the academic year 2023-24 (II, IV, VI, VIII semesters) and 2023-24 (I, III, V, VII semesters) held during June 2023 to June 2024 for Students in B. Tech. and M.Tech Programs.**

Member Secretary presented the results declared for the regular and supplementary examinations pertaining to semesters mentioned above for the students admitted during the different academic years under Academic Regulation AR16, AR19, AR20, AR21 and AR 23 and requested for the ratification of the results which were declared by the College academic committee in the presence of the JNTUGV representative.

- The members, after the detailed review, ratified the results of all the regular and supply examinations declared by the college academic committee as per the **Annexure I.**

#### **ITEM No.: 6**

**Ratification of the PC eligibility list of the UG students admitted during the Academic Year 2020-21 & earlier batches who have successfully acquired the graduation requirements for the award of B. Tech. Degree with Honours , B.Tech. Degree with Minors in Computer Science and Engineering , and B.Tech. Degree as per the respective academic regulations at the time of admission.**

**Ratification of the PC eligibility list of the PG students admitted during the Academic Year 2021-2022 who have successfully acquired the graduation requirements for the award of M.Tech. Degree as per the respective academic regulations at the time of admission.**

Member Secretary presented the (semester-wise & branch-wise) UG results of the 2020 admitted batch for all the semesters i.e from 1<sup>st</sup> to 8<sup>th</sup> semesters under Academic Regulation AR20 and who have acquired the graduation requirements and eligible for the issue of Provisional certificate.

Further, details of the students who have acquired graduation requirements and eligible for the issue of PCs pertaining to the batches admitted earlier to 2020 are presented.

The members reviewed the results (1<sup>st</sup> semester to 8<sup>th</sup> semester) of 2020 admitted batch students and approved the PC eligibility list of the student who will be graduating by June 2024 as per the academic regulations AR20. Apart from this, the PC eligible students from the earlier admitted students who have acquired graduation requirements were also approved as per the **Annexure II**.

Member Secretary also presented the (semester-wise & Specialisation-wise) results PG students admitted in the academic year 2021-22 for all the semesters' i.e from 1<sup>st</sup> to 4<sup>th</sup> semesters and who have fulfilled the M.Tech requirements and eligible for the issue of Provisional certificate.

The members reviewed the results (1<sup>st</sup> semester to 4<sup>th</sup> semester) of 2021 admitted batch PG students and approved the PC eligibility list of the students who will be graduating by June 2024 as per the **Annexure II**.

#### **ITEM NO.:7**

##### **Ratification of the syllabus for the 7<sup>th</sup> & 8<sup>th</sup> semesters of CSE-AIML & CSE-AIDS as per AR21 academic regulations**

HOD-CSE presented the recommendations of the Board of Studies (meeting held on 16<sup>th</sup> March 2024) of CSE-(Artificial Intelligence and Machine Learning) and CSE-(Artificial Intelligence and Data Science) regarding the detailed Syllabi for 7<sup>th</sup> & 8<sup>th</sup> semesters for AR21 regulations B. Tech. (Regular), B. Tech. (Honors) and B. Tech (Minor) Programs requesting for the ratification from the members of Academic Council

Members after deliberation ratified the syllabi for the 7<sup>th</sup> and 8<sup>th</sup> semesters as per the **Annexure III**.

#### **ITEM NO.:08**

##### **Approval of the AR-23 Academic Regulations for 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> semesters.**

The member secretary presented the detailed course structure and syllabus from III to VIII semesters of AR23 regulations. The syllabus and course structure of I and II semesters are in line with the common guidelines suggested by JNTUGV.

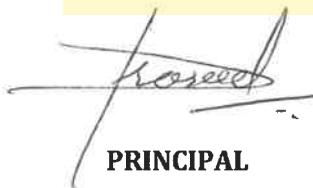
However, keeping in view the following points related the JNTUGV suggested course structure:

1. More academic load during 7<sup>th</sup> semester (21 credits)
2. Mandated FSI during 8<sup>th</sup> semester for all the students
3. No clear separation of credits for project work and FSI in 8<sup>th</sup> semester
4. Suggested FSI through online/virtual mode

All the respective BoS have recommended implementing the course structure of III to VIII semesters of AR21 which was Approved and ratified by AC during the meeting dated 13<sup>th</sup> July 2022 with the following changes to have credit balance.

- CC&EC activities which were available from III to VI semesters are removed as CC&EC activities were already pursued in the I and II semesters.
- One credit is reduced in the Open Elective of VIII semester
- Minor modifications in the syllabus in a few courses.

Members deliberated and ratified the course structure and syllabus for AR23 regulations as recommended by the respective BoS for all the eight UG programs. Details are attached in **Annexure-IV**



**PRINCIPAL**



**Encl. Annexure I to IV**

**Copy to:**

- All Members of the Academic Council
- Assoc.Dean(Academics)
- Controller of Examinations (CoE)
- File

**PC Eligibility for  
B.Tech Degree with Minors in Computer Science and Engineering**

S.No	Department	Registered	Eligible for B.Tech Degree with Minors in Computer Science and Engineering
1	Civil Engineering	13	9
2	Electrical and Electronics Engineering	10	10
3	Mechanical Engineering	9	9
4	Electronics and Communication Engineering	30	26
5	Chemical Engineering	3	2
Total		65	56

**PC Eligibility - PG Students 2021 Admitted Batch**

S.No.	Admitted Batch	PC Eligible Students	Eligibility Academic Year
1	2021 Admitted Batch	08	2023-24

**Annexure - III**

**Syllabus for 7<sup>th</sup> & 8<sup>th</sup> semesters of CSE-AIML & CSE-AIDS**

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_AIDS\\_Syllabus\\_AR21.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_AIDS_Syllabus_AR21.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_AIML\\_Syllabus\\_AR21.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_AIML_Syllabus_AR21.pdf)

**Annexure - III**

**Academic Regulations (AR-23) for 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> semesters**

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_AIDS\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_AIDS_Syllabus_AR23.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_AIML\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_AIML_Syllabus_AR23.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_Civil\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_Civil_Syllabus_AR23.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_EEE\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_EEE_Syllabus_AR23.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_CSE\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_CSE_Syllabus_AR23.pdf)

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[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_Mech\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_Mech_Syllabus_AR23.pdf)

[https://gmrit.edu.in/PDFs/curriculum/B.Tech\\_IT\\_Syllabus\\_AR23.pdf](https://gmrit.edu.in/PDFs/curriculum/B.Tech_IT_Syllabus_AR23.pdf)