VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)
VIJAYAWADA – 520 007

Minutes of the **32ndMeeting of the Academic Council** held at **10.30 A.M** on **2nd December 2023, Saturday.**

Dr. A.V.Ratna Prasad, Principal & Chairman, Academic Council, chaired the meeting and extended a warm welcome to the members of the Committee.

Members Attended:

Sl.No.	Name & Designation	Position
1.	Dr.A.V.Ratna Prasad Principal, VRSEC	Chairman
2.	Dr. K.V. Ramana Rector, JNTUK, Kakinada	University Nominee (online)
3.	Dr.K.Venkata Reddy Director, Academic Planning, JNTUK, Kakinada.	University Nominee (online)
4.	Dr. B. Bala Krishna Director of Evaluation JNTUK, Kakinada	University Nominee (online)
5.	Dr. N. Siva Prasad Former Pro- Vice Chancellor Gitam School of Technology, Hyderabad.	Expert –Education (online)
6.	Sri. D. Ramakrishna M.D, Efftronics Systems Pvt. Ltd. Vijayawada	Expert – Industry (online)
7.	Dr. B. Panduranga Rao Dean (Student affairs)	Member
8.	Dr.Ch.Srinivas Prof. & HOD of CE and Dean (Industry Relations)	Member
9.	Dr.N.Vijaya Sai Prof. & HOD ME and Dean (Academics & Exams)	Member
10.	Dr.D.Rajeswara Rao Professor & HOD - CSE	Member
11.	Dr. D. Venkata Rao Professor & HOD - ECE	Member
12.	Dr. P.V.R.L. Narasimham Professor & HOD - EEE	Member
13.	Dr.G.N.Swamy Professor & HOD - EIE	Member
14.	Dr.M.Suneetha Professor & HOD - IT	Member
15.	Dr. S. Vasavi, Prof. & Programme Head – AI & DS	Member

Sl.No.	Name & Designation	Position
16.	Dr. B. RaghavaRao, Professor of ME & In-charge Academics (1st B.Tech)	Member
17.	Dr. S. SrinivasaRao Assoc. Prof. & HOD - Chemistry	Member
18.	Dr. M. Ravi Chand Prof. & HOD - English	Member
19.	Dr. Ch. Baby Rani Asso. Prof. & HOD Maths and In-charge S & H - II	Member
20.	Dr. G.Sri Devi Asso. Prof. & HOD -Physics	Member
21.	Dr. K. Narendra, Assoc. Prof. of Physics & Incharge S & H – I	Member
22.	Dr. V. NarasimhaRao Prof. & HOD of MBA	Member
23.	Dr. V. E. Jyothi Asst. Prof. & I/c. HOD - MCA	Member
24.	Dr. T.S.R. Chowdary Prof. of CE & COE I/c.	Teacher Member
25.	Dr. A. Jhansi Rani Prof. of ECE	Teacher Member
26.	Dr. N. Ravi Kumar Prof. of ME	Teacher Member
27.	Dr. B. V. Rao Asso. Prof. of EEE	Teacher Member
28.	Dr.M.V.S. Raju Prof. of CE & Dean R & D and IQAC	Member Secretary

Members Not Attended:

Sl.No.	Name & Designation	Position
1.	Sri. Ch. Janaki Ram Prasad Kakinada	Expert - Industry
2.	Sri.J.S.R.K.Prasad MD., Better Castings, Vijayawada	Expert – Industry
3.	Sri. K.R. K. Raju, Chief Project Manager, RVNL, Vijayawada.	Expert – Industry
4.	Sri Ch.SripathiRao, Advocate Vijayawada	Expert – Law

The following agenda items were discussed and deliberated upon

Item-1. To confirm the minutes and the action taken report on the minutes of the previous Academic Council meeting held on 24th June 2023.

Academic Council confirmed the following minutes and action taken report on the minutes of the previous meeting.

➢ Issue of Provisional Certificates for the passed-out candidates of B.Tech Regular 2022-23, & M.Tech Regular 2021-22, B.Tech, M.Tech, MBA & MCA candidates who completed their UG & PG degrees in supplementary examinations.

       ✓ **Action taken: Provisional Certificates issued to the candidates.**

➤ M.Tech23, MBA23 and MCA23 Regulations.
       ✓ **Action taken: Implemented.**

➤ Conduct of compensatory sessional examination of those students who participated in important curricular, co-curricular, and extracurricular activities with the prior permission of the authorities.
       ✓ **Action taken: Implemented.**

➤ B.Tech, M.Tech, MBA & MCA (except first year) Academic calendars for the year 2023-2024 .
       ✓ **Action taken: Implemented.**

➤ **Approved:**
       ✓ Semester-end examination results of B.Tech, M.Tech, MBA, and MCA examinations held from August - 2022 to April - 2023.
       ✓ B.Tech outgoing batch Results 2019-2023.

➤ **Information Presented:**
       ✓ National Rankings & Ratings of the college for the year 2023.
       ✓ Student placements for the Academic year 2022-23.
       ✓ Proposal for the revision of the curriculum of First year B.Tech w.e.f 2023-2024 (VR23) in line with NEP 2020 and with minor changes as per the requirement & needs of stakeholders.
       ✓ Minutes of the BOS meetings held in May/June-2023.

Item-2 To consider and approve the issue of **Provisional Certificates** for the passed out candidates of M.Tech, MBA & MCA **Regular and supplementary** & B.Tech supplementary examinations held between May 2023 & July 2023.

Dr. A.V.Ratna Prasad, Principal presented the list of passed out students of M.Tech, MBA & MCA **Regular and supplementary** & B.Tech supplementary examinations held between May 2023 & July 2023 for whom Provisional Certificates (144) are to be issued as per the guidelines of the university for approval.

       ✓ *The Academic Council unanimously approved to issue the provisional certificates for the candidates who passed their UG and PG Degrees in M.Tech, MBA & MCA Regular and supplementary & B.Tech supplementary examinations held between May 2023 & July 2023 as per the details given below.*

BRANCH	MCA (2021-BATCH) (MCA20) REGULAR JUNE-2023 & SUPPLEMENTARY (MCA20) FEBRUARY-2023	MBA (2021-BATCH) REGULAR & SUPPLEMENTARY (MBA19) JULY-2023	B.TECH (VR17) SUPPLEMENTARY JUNE-2023	M.TECH (2021-BATCH) REGULAR & SUPPLEMENTARY (MTECH19) JULY & AUGUST-2023	TOTAL
CE			2		2
CSE				16	16
VLSI				6	6
EEPS				2	2
ITDS				1	1
MECC				1	1
MBA		59			59
MCA	57				57
TOTAL	57	59	2	26	144

Note: Details are placed in college website and also available in examination cell of the College.

Item-3. To consider and approve the M.Tech, MBA & MCA **outgoing batch (2022-23) Results.**

Dr. A.V. Ratna Prasad, Principal presented the following Results of M.Tech, MBA & MCA outgoing batch 2022-23 and the *Academic Council approved the same.*

Details	M.Tech	MBA	MCA
Number of students appeared	21	66	64
Number of students passed out	21	58	56
First class with distinction	18	45	50
First class	03	13	06
Second class	--	--	--
% of pass	100	87.88	87.5

Item-4. To consider and ratify the **semester end examination results** of B.Tech, M.Tech, MBA, MCA examinations held between May 2023 & July 2023.

Dr.A.V.Ratna Prasad, Principal presented the following semester end examination results of B.Tech, M.Tech, MBA, MCA examinations held between May 2023 & July 2023 and *the Academic Council ratified the same.*

Details	Regulations	Academic Year	B.Tech
B.Tech II semester	VR20	2022-23	80.5 %
B.Tech IV semester	VR20	2022-23	81.4 %
B.Tech VI semester	VR20	2022-23	89.49%
M.Tech IV semester	M.Tech 19	2022-23	100.00 %
MBA II semester	MBA 19	2022-23	95.38%
MBA IV semester	MBA 19	2022-23	95.45%
MCA II semester	MCA 20	2022-23	98.46 %
MCA IV semester	MCA 20	2022-23	100.00%

Item:5. To consider and ratify the **Honor and Minor Programme Examination** results for **B.Tech IV and VI semesters** held in August, 2023.

Dr.A.V.Ratna Prasad, Principal presented the following **Honor and Minor Programme Examination** results for **B.Tech IV and VI semesters** held in August, 2023 and *the Academic Council ratified the same.*

B.Tech IV Semester:

HONORS		
Branch	**Registered**	**Passed**
CE	07	07
AI&DS	25	25
CSE	35	35
CSE	37	37
IT	54	52
IT	20	18
	178	**174**

MINORS		
Branch	**Registered**	**Passed**
CIVIL	29	24
ECE	57	54
EEE	35	35
EIE	32	32
ME	33	31
TOTAL	186	176

B.Tech VI Semester:

HONORS		
Branch	**Registered**	**Passed**
CSE	53	53
CSE	75	75
IT	22	22
TOTAL	150	150

MINORS		
Branch	Registered	Passed
CIVIL	58	58
ECE	56	56
EEE	28	28
EIE	12	12
ME	26	23
TOTAL	180	177

Item: 6. To consider and approve the **B.Tech VR 23 academic regulations** and first year B.Tech curriculum.

Dr. A.V.Ratna Prasad, Principal proposed to consider the following changes in R 23 regulations of JNTUK (Autonomous Colleges) for approval and implementation of the same in VR 23 academic regulations of our college. After discussions *the Academic Council approved the same.*

S.No.	Item	R23 (JNTUK)	VR23 (VRSEC)
1	Finalization of internal marks	Internal Marks: Internal marks are arrived by considering the marks secured by the student in both the mid examinations with 80% weightage given to the better mid exam and 20% weightage to the other.	Internal Marks: Internal marks are arrived by considering the marks secured by the student in both the mid examinations with $2/3^{rd}$ weightage given to the better mid exam and $1/3^{rd}$ weightage to the other.
2	**Evaluation – Condition for Pass of a Practical Course**	**Condition for pass :** A Student has to secure not less than **35%** of marks in the end exam and minimum of **40%** of marks in the sum of mid semester and end examination marks taken together for the practical courses & project.	**Condition for pass :** A Student has to secure not less than **40%** of marks in the end exam and minimum of **50%** of marks in the sum total of mid semester and end examination marks taken together for the practical courses & project.
3	**Eligibility for Semester End Examination**	**Attendance:** A minimum of **40% attendance** in each subject and **75% of attendance** in aggregate of all the subjects. Condonation of shortage of attendance in aggregate up to **10% (65% and above and**	**Attendance:** A minimum of **75% of attendance** in aggregate of all the subjects. Condonation of shortage of attendance in aggregate up to **10% (65% and above and below 75%)** in each semester may be granted by the College Academic Committee. **Marks:** A minimum of **50% aggregate marks** must be secured by the

S.No.	Item	R23 (JNTUK)	VR23 (VRSEC)
		below 75%) in each semester may be granted by the College Academic Committee.	candidates in the internal examinations conducted for theory, practice and lab courses, to be eligible to write semester end examination. Shortage of internal marks up to a maximum of **10% may be condoned** by the Principal based on the recommendations of the Heads of the Departments.
4	Promotion rules: II to III year III to IV year	**Promotion rules:** A Student will be promoted from II to III year if he/she secures **40% of the credits** in the subjects that have been studied up to **III semester.** A Student will be promoted from III to IV year if he/she secures **40% of the credits** in the subjects that have been studied up to **V semester.**	**Promotion rules:** A Student will be promoted from II to III year if he/she secures **50% of the credits** in the subjects that have been studied up to **IV semester.** A Student will be promoted from III to IV year if he/she secures **50% of the credits** in the subjects that have been studied up to **VI semester.**

S.No	Item	R23 (JNTUK)		VR23 (VRSEC)	
		Class Awarded	**CGPA Secured**	**Class Awarded**	**CGPA Secured**
5	**Award of class**	First Class with Distinction	**≥7.5 (Without any supplementary appearance)**	First Class with Distinction	**≥7.75 (Without any supplementary appearance)**
		First Class	**≥6.5 < 7.5**	First Class	**≥6.75**
		Second Class	**≥5.5 < 6.5**	Second Class	**≥5.75 < 6.75**
		Pass Class	**≥5.0 < 5.5**	Pass Class	**≥5.00 < 5.75**
				Fail	**< 5**

Semester end Examination Pattern:
Existing pattern
    Part A - 10 Questions – 1 Mark each
    Part B – 4 Questions either/or – 15 Marks each
Proposed pattern
    Part A - 5 Questions – 2 Marks each
    Part B – 4 Questions either/or – 15 Marks each
Questions will be set following the CO's & BTL of learning.

    ✓ *Other regulations that are mentioned in VR20 (approved by Academic Council) will be followed*

    ✓ *The following curriculum of first year B.Tech under VR 23 regulations also approved by the academic council.*

GROUP- A (AI&DS, AI & ML, CSE, IT)
SEMESTER I   **CONTACT HOURS: 27**

S.No.	Course Code	Course Category	Course Name	L	I	P	Credits
1.	23BS1101	Basic Science	Linear Algebra & Calculus	3	0	0	3
2.	23BS1102	Basic Science	Engineering Physics	3	0	0	3
3.	23ES1103A	Engineering Science	Basic Civil and Mechanical Engineering	3	0	0	3
4.	23ES1104	Engineering Science	Introduction to Programming	3	0	0	3
5.	23HS1105	Humanities and Social Science	Communicative English	2	0	0	2
6.	23BS1151	Basic Science	Engineering Physics Lab	0	0	2	1
7.	23ES1152	Engineering Science	Computer Programming Lab	0	0	3	1.5
8.	23HS1153	Humanities and Social Science	Communicative English Lab	0	0	2	1
9.	23ES1154	Engineering Science	Engineering Workshop	0	0	3	1.5
10.	23ES1155	Engineering Science	IT Workshop	0	0	2	1
11.	23BS1156	Basic Science	NSS/NCC/Community Service	-	-	1	0.5
			Total :	14	0	13	20.5
12.	23MC1106	Mandatory Course	Induction Program				

SEMESTER II CONTACT HOURS: 26

S.No.	Course Code	Course Category	Course Name	L	I	P	Credits
1.	23BS2101	Basic Science	Differential Equations & Vector Calculus	3	0	0	3
2.	23BS2102B	Basic Science	Chemistry	3	0	0	3
3.	23ES2103B	Engineering Science	Basic Electrical and Electronics Engineering	3	0	0	3
4.	23PC2104A	Professional Core	Data Structures	3	0	0	3
5.	23ES2105	Engineering Science	Engineering Graphics	1	0	4	3
6.	23BS2151B	Basic Science	Chemistry Lab	0	0	2	1
7.	23PC2152A	Professional Core	Data Structures Lab	0	0	3	1.5
8.	23ES2153	Engineering Science	Basic Electrical and Electronics Workshop	0	0	3	1.5
9.	23BS2154B	Basic Science	Health and wellness, Yoga and Sports	-	-	1	0.5
	Total	13	0	13	19.5		

SEMESTER II CONTACT HOURS: 27

S.No.	Course Code	Course Category	Course Name	L	I	P	Credits
1.	23BS2101	Basic Science	Differential Equations & Vector Calculus	3	0	0	3
2.	23BS2102	Basic Science	Engineering Physics	3	0	0	3
3.	23ES2103A	Engineering Science	Basic Civil and Mechanical Engineering	3	0	0	3
4.	23PC2104B	Professional Core	Engineering Mechanics (CE, ME)	3	0	0	3
5.	23PC2104C		Network Analysis (ECE, EIE)				
6.	23PC2104D		Electrical Circuit Analysis - I (EEE)				
7.	23HS2105	Basic Science	Communicative English	2	0	0	2
8.	23BS2151	Basic Science	Engineering Physics Lab	0	0	2	1
9.	23PC2152B	Professional Core	Engineering Mechanics & Building Practices (CE)	0	0	3	1.5
10.	23PC2152C		Network Analysis & Simulation Lab (ECE, EIE)				
11.	23PC2152D		Electrical Circuit Analysis Lab (EEE)				
	Total			14	0	13	20.5

Dr. K. Venkata Reddy, DAP, JNTUK & University nominee suggested to consider CGPA ≥ 7.5 for awarding first class with distinction which is being followed by university for the benefit of the students who secure 70% marks in their B.Tech Degree, if we do not consider the students who secured 70% marks may not get distinction grade.

Further, he suggested to encourage more number of students to study minor programmes in addition to their original degree, more flexibility may be given to the students to study inter disciplinary courses to enhance their knowledge, encourage students to go for internships and they should be a real internships rather than virtual.

Item: 7. To consider and approve the proposal for extending the time limit for submitting the **pass certificate of self - learning courses** (NPTEL etc.,) by the students of M.Tech - programme.

Dr. A.V.Ratna Prasad, Principal proposed for extending the time limit for submitting the pass certificate of self - learning courses (NPTEL etc.,) by the students of M.Tech programme because the schedules of NPTEL courses are not matching with the academic calendar of the institution and informed that as per current regulations the students should submit pass certificate of the NPTEL course before the last instruction day of that semester.

✓ *After discussions the academic council resolved that the students are permitted to submit the pass certificates of the NPTEL courses (MOOCs) on or before the last instruction day of the academic calendar of subsequent semesters. This is applicable from the 2nd year students (2022-23) of the M.Tech (2021-23) batch onwards.*

✓ *Due to the mismatch between the NPTEL examinations and 3rd semester end examinations, some of the 2nd year students (2022-23) of the M.Tech (2021-23) batch could not become eligible for appearing 4th semester final Project work Viva- Voce examination.*

✓ *As soon as they submit pass certificate of MOOCs courses of 3rd semester by the end of 4th semester, they are permitted to appear for project work Viva- Voce examination, if they fulfill the other academic regulations in force.*

Item: 8. To consider and approve the proposal for conducting the semester-end supplementary examination with the NPTEL syllabus by the college for the subjects in which candidates appeared and failed in MOOCS (NPTEL) platform.

Dr. A.V. Ratna Prasad, Principal expressed the need of **conducting the semester-end supplementary examination with the NPTEL** syllabus by the college for the subjects in which candidates appeared and failed in MOOCS (NPTEL) platform because these subjects may / may not be offered by MOOCS platform in later stages and also time period is mismatching with our academic calendar.

> ✓ *After discussions the Academic Council resolved that the supplementary examinations will be conducted with the NPTEL syllabus by the college for the subjects in which candidates appeared and failed in MOOCS (NPTEL) platform in the M.Tech IV semester and the results will be declared before the commencement of the Project Viva – Voce examination. This will be applicable to the students admitted into M.Tech first year from the academic year 2020-21.*

Item: 9. To consider and ratify the admission of Mr. Durga Vivek Surya transferred from PSG Institute of Advanced studies, Coimbatore and to acquire 160 credits for the award of degree as per the G.O. RT No. 83, under VR20 Regulations of VRSEC.

> ✓ *The transfer of Mr. Durga Vivek Surya from PSG Institute of Advanced studies, Coimbatore to our college in B.Tech final year in the academic year 2023-24 as per the G.O. RT No. 83 dated 26-06-2023 and to acquire 160 credits for the award of degree under VR20 Regulations of VRSEC is approved by the academic council.*

Item: 10. To consider and approve the Academic Calendars of first year B.Tech, M.Tech, MBA & MCA 2023-24.

Dr. A.V. Ratna Prasad, Principal presented the proposed UG & PG academic calendars for the year 2023-24 *and academic council approved the same.*

> ➢ *UG - Academic Calendar for the year 2023-24:*
>> ✓ 1st & 2nd semesters of B.Tech

> ➢ *PG Academic Calendar for the Academic Year 2023-24*
>> ✓ 1st & 2nd semesters of M.Tech, MBA & MCA

Item: 11. To present the Annual Quality Assurance Report (AQAR) of NAAC for the year 2022-23.

Dr.A.V.Ratna Prasad, Principal presented the following information regarding Annual Quality Assurance Report (AQAR) of NAAC for the year 2022-23 and the Academic Council approved the same.

The following criteria are covered in AQAR 2022-23.
1. Curricular Aspects
2. Teaching, Learning and Evaluation
3. Research, Consultancy and Extension
4. Infrastructure and Learning Resources
5. Student Support and Progression
6. Governance, Leadership and Management
7. Innovations and Best Practices

Item: 12. Any other point with the permission of the Chair.

Dr. K.V. Ramana, Rector, JNTUK congratulated the principal for his elaborative and detailed power point presentation and advised the principal that VRSEC should be the role model to all other engineering colleges in the state since this is the senior most and first private engineering college and also suggested to increase the research activities in the campus.

Dr. N. Siva Prasad, Expert – Education congratulated the university nominees for their positive response in all aspects and advised the principal of the college to modernize the laboratories in the college according to Industry 4.0 / 5.0.

Dr. A.V.Ratna Prasad, Principal of the college & Chairman, Academic Council thanked all the members for their active participation and constructive suggestions.

(Dr. M.V.S. Raju)
Member Secretary,
Academic Council &
Dean (R&D, IQAC)

(Dr. N. Vijaya Sai)
HOD ME & Dean
(Academics & Exams)

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(Dr. A.V.RATNA PRASAD)
Chairman, Academic Council
& PRINCIPAL