

**VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE**

(AUTONOMOUS)
VIJAYAWADA – 520 007

Minutes of the 23rd Meeting of the College Academic Council held at **10.00 AM** on **8th June 2019 (Saturday)** in Conference Hall, 1st floor, IT Block of **Velagapudi Ramakrishna Siddhartha Engineering College**, (Autonomous), Vijayawada – 7.

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

Members Present:

1	Dr.A.V.Ratna Prasad Principal, VRSEC	Chairman
2	Dr.R.Srinivasa Rao Director of Evaluation, JNTUK	University Nominee
3	Dr.N.Siva Prasad Pro-Vice Chancellor, GITAMS	Expert Education
4	Dr.K.Mohana Rao Former Director, VRSEC	Expert Education
5	Sri.D.Rama Krishna MD., Efftronics Systems	Expert - Industry
6	Sri.Ch.Janaki Ram Prasad	Expert Industry
7	Sri.P.Ravi Kumar	Expert Industry
8	Dr.Ch.Srinivas Prof. of CE & HOD	Member
9	Dr.D.Rajeswara Rao Prof. of CSE & HOD	Member
10	Dr.K.Sri Rama Krishna Prof. of ECE & HOD	Member
11	Dr.P.V.R.L.Narasimham Prof. of EEE & HOD	Member
12	Dr.G.N.Swamy Prof of EIE & HOD	Member
13	Dr.M.Suneetha Prof. of IT & HOD	Member
14	Dr.N.Vijaya Sai Prof. of ME & HOD	Member
15	Dr.Ch.Baby Rani Prof. of Maths & HOD	Member
16	Dr.G.Sri Devi Prof. of Physics & HOD	Member
17	Dr.N.C.S.Rao I/C HOD of MBA	Member
18	Dr.B.D.C.N.Prasad HOD of MCA	Member
19	Dr.B.Srinivasa Rao Prof. of EEE	Teacher Member

20	Dr.M.Padmaja Prof. of ECE	Teacher Member
21	Dr.S.Srinivasa Rao Asso. Prof. of Chemistry	Teacher Member
22	Dr.B.L.N.Phanindra Kumar Asst. Prof. of IT	Teacher Member
23	Dr.P.V.Subbaiah Prof. of ECE & COE	Member Secretary

Members Absent:

1	Dr.A.Mallikarjuna Prasad Director, Academic Planning, JNTUK	University Nominee
2	Dr.V.V.Subba Rao Director of Evaluation, JNTUK	University Nominee
3	Sri.J.S.R.K.Prasad MD., Efftronics Systems	Expert – Industry
4	Sri Ch.Sripathi Rao	Expert – Law
5	Dr.B.Pandu Ranga Rao Dean, Student Affairs	Member
6	Dr.N.N.Sastry Dean, R & D	Member
7	Dr.A.Ratnakar Prof. of Chemistry & HOD I/c I year B.Tech	Member
8	Dr.K.Ramchandra Prof. of English & HOD	Member

The following agenda items were discussed and deliberated upon

1. To confirm the minutes and report the action taken on the minutes of the previous Academic Council meeting held on 02-02-2019.

Academic Council confirmed the following minutes of the previous meeting and approved the action taken on the minutes of the last meeting held on 02-02-2019

Minutes of the previous meeting

- Number of credits to be secured by the students transferred from VR 14 to VR 17 Regulations are 175 for regular & 130 for lateral entry.
- 32 credits -Regular / 00-Lateral Entry for promotion from IV to V semester and 54 credits – Regular / 34-Lateral Entry for promotion from VI to VII semester.
- The attendance and marks secured by the students in Mandatory Learning courses during a semester are not counted for detention and for calculation of GPA.
- The attendance and marks secured by the students in **one credit** course during a semester are not counted for detention. However, the marks secured in these category of courses shall be considered for the calculation of GPA.
- The students pursuing self learning courses through college are required to secure minimum 40% marks (continuous assessment and semester end put together) for qualifying the course.

- scale of punishments for the students who involved in malpractice cases in continuous assessment examination
- Academic Regulations for lateral entry students admitted into MCA course w.e.f. A.Y.2018-2019
- The experts for the Boards of the studies for the period of 3 years w.e.f. A.Y. 2018-2019
- Minutes of the Boards of the studies meetings held in December, 2018.

Action taken report

- Academic regulations for lateral entry students admitted into MCA course w.e.f. 2018-2019 academic year are implemented.
- Scale of punishments for the students involved in malpractice in continuous assessment examination is implemented.
- Academic experts for the Boards of the studies are nominated for a period of 3 years
- Transitory regulations for the students who joined VR 14 and transferred to VR 17 are implemented.

2. To consider and approve the curriculum for B.Tech V & VI semesters to be implemented w.e.f.2019-2020.

Dr.A.V.Ratna Prasad, Principal presented the curriculum for B.Tech V & VI semesters to be implemented w.e.f.2019-2020 before Academic Council.

The Academic Council unanimously approved the curriculum for B.Tech V & VI semesters to be implemented w.e.f.2019-2020 and the said open electives.

3. To consider and approve the additional regulation in B.Tech VR17 curriculum w.r.t. open elective subjects to be implemented w.e.f.2019-2020.

Dr.A.V.Ratna Prasad, Principal presented the following amendments/additional regulation in B.Tech VR17 curriculum w.r.t. open elective subjects to be implemented w.e.f.2019-2020.

- **Mandatory Learning Courses:-** It is proposed that the student failing to pass in the mandatory learning courses in the first attempt and pass later as supplementary candidate, may also be awarded "Distinction" akin to other students who pass all the courses at first attempt and fulfill the required conditions for award of "**Distinction**".
- **Student Practice Courses:-** An activity "Coding Practice" can also be included in 7.2.10 (a) under Co- curricular participation.
- **Open Electives:-**
 - At present two open electives are given provision to pursue through MOOCs.
 - Proposed to permit the remaining three open elective courses also on MOOCs mode, based on the recommendation of the HOD's.

- If the student wish to undergo relevant course under open elective in 3rd B.Tech the following subjects shall be offered.
 - Artificial Intelligence
 - Machine Learning
 - Python Programming
- If a student fails to pass the chosen course approved by the department under MOOCs platform and the same course is not available in the subsequent semester/year, he/she may be permitted to choose another course under MOOCs as approved by the department, in 7.2.2
- It is resolved to approve the additional regulation/amendments in B.Tech VR17 Curriculum to be implemented w.e.f.2019-2020.

4. To consider and approve the M.Tech 19, MBA 19, MCA 19 Academic Regulations and curriculum to be implemented w.e.f.2019-2020.

Dr.A.V.Ratna Prasad, Principal presented M.Tech 19, MBA 19 & MCA 19 Academic Regulations and curriculum to be implemented w.e.f.2019-2020 for approval.

The following are the M.Tech, MBA & MCA programme structure and salient regulations:-

• **M.Tech PROGRAMME STRUCTURE (M. Tech 19 Regulation)**

S. No	Category of courses	M.Tech 15		M.Tech 19	
		No of Courses	Credits	No of Courses	Credits
1	Program Core	7	28	6	18
2	Program Electives	3	12	4	12
3	Program Lab	6	12	4	06
4	MLC	--	--	1	00
5	Audit Course	--	--	1	00
6	Term Paper/ Internship/ Project	2	24	3	28
7	Self learning Course/ Seminar	2	04	1	03
Total Credits			80		67

- MBA PROGRAMME STRUCTURE (MBA 19 Regulation)**

S.No.	Category of courses	No of Courses	Credits
1	Core Courses	18	54
2	Marketing Specialization	06	18
3	Finance/HR/REM	04	12
4	Lab Courses	02	06
5	Major Project	01	03
6	Comprehensive Viva	01	03
7	Personality Development and Soft Skills	02	02
8	Self Learning / MOOCS	01	01
9	Theatre Techniques	01	01
Total Credits			100

- MCA PROGRAMME STRUCTURE (MCA 19 Regulation)**

S. No.	Categories of Courses	Credits for regular students	Credits for Lateral Entry students
1	Humanities, Mathematics and Social Sciences Courses	10.5	-
2	Professional Courses	93	60.5
3	Self-Learning Courses	02	02
4	Term Paper, Mini Project and Major Project	14.5	14.5
5	Personality Development Courses	No Credits	No Credits
Total Credits		120	77

- M.Tech 19, MBA 19 and MCA 19 Regulations**

Regulation	M.Tech15	M.Tech19	MBA15	MBA19	MCA15	MCA19
Duration	2 yrs (4 sem)	2 yrs (4 sem)	2 yrs (4 sem)	2 yrs (4 sem)	3 yrs (6 sem)/ 2 yrs (4 sem) Reg / LE	3 yrs (6 sem)/ 2 yrs (4 sem) Reg / LE
Credits	80	67	100	100	141/89	120 / 77

Credits to be earned for award of degree	80	67	100	100	141/89	120 / 77
Semester end assessment	60	60	60	60	60	60
Continuous Evaluation	40	40	40	40	40	40

Dr.R.Srinivasa Rao, Prof. of Electrical and Electronics Engg. & Director of Evaluation, JNTUK, suggested to consider all the courses which are handled by the faculty should be counted for internal detention further he said more weightage is to be given for continuous assessment examinations than assignments. 25 marks are to be allotted for two mid examinations and 15 marks for assignments.

- *After thorough discussions and after making necessary corrections suggested by experts the Academic Council approved M.Tech 19, MBA 19 & MCA 19 Academic regulations and curriculum presented by the Principal and tabled before the committee.*

5. To present the Proposed Goals for 2019-2020 & 2020-2021.

Dr.A.V.Ratna Prasad, Principal presented the following Proposed Goals for 2019-2020 & 2020-2021 before the Academic Council for discussion and requested suggestions for the development and benefit of the college.

S.No.	Description		2018	2019	2020	2021
1	Pass percentage (without back logs)	1 st year	67.56	69	71	72
		2 nd year	61.66	65	68	72
2	No.of Ph.D Faculty	cumulative	110	125	150	200
3	Publications (Scopus/SCI)	Per year	120	150	200	250
4	Innovative Models/Solutions	EPICS/IIC/EDC	-	70	140	200
5	Patents (filed & published)	cumulative	28	50	75	100
6	Research Funding from Industry Alumni/Govt.	Lakhs/year	123	150	175	200
7	Startups/Entrepreneurs	cumulative	5	10	15	20
8	Placement rate	Placed/intake	50%	55%	65%	75%

- Dr.N. Siva Prasad, Pro-Vice Chancellor, GITAM School of Technology, suggested that increase the pass percentage under serial no: 1 in proposed goals in 2021 from 72 to 75% in first year.
- Sri.CH.Janaki Ram Prasad, Expert – Industry, suggested to organize open house exhibitions in college to attract the better rank students at entry level.
- *After discussions Academic Council approved the goals presented by the Principal*

6. To present the information regarding training offered for improving employability skills of students.

Dr.A.V.Ratna Prasad presented the information regarding the following trainings offered by the different departments for improving employability skills of students for information of the Academic Council.

Name of the Department	Training offered
CE	<ol style="list-style-type: none"> 1. TEKLA software/ Auto CAD Revit structures. 2. Job oriented training programme.
CSE	<ol style="list-style-type: none"> 1. Pre-Placement Refresher Training programme on domain knowledge, mock tests, coding practices. 2. Oracle Certified Java and SQL Fundamentals. 3. EPAM 4. UiPath RPA Training Programme 5. CISCO Pega Business Process Management Systems 6. Microcontrollers : Microchip Technology
ECE	<ol style="list-style-type: none"> 1. "Certified LabVIEW Associate Developer (CLAD) - National Instruments "certification course will be offered to the students of III/IV B.Tech ECE. 2. Hands on training on C, Micro controllers and embedded systems by UTL Technologies
EEE	<ol style="list-style-type: none"> 1. Electric Bike Design & Development. 2. PIC Micro controller.
EIE	<ol style="list-style-type: none"> 1. Application development using NI LabVIEW and NI hardware in NI ACADEMY. 2. Industrial Automation and Process Instrumentation in Siemens Centre of Excellence.
IT	<ol style="list-style-type: none"> 1. Ethical Hacking and Information Security 2. AWS Amazon web services 3. RPA 4. Sales force 5. AI and Machine learning
ME	<ol style="list-style-type: none"> 1. Essential for NX designers 2. Rob – CAD Advanced Modeling & Kinematics 3. Milling NC programming

7. To present the information w.r.t. sanction of new course by AICTE in M.Tech – Data Science offered by Department of Information Technology w.e.f.2019-2020.

Dr.A.V.Ratna Prasad, Principal informed that AICTE has sanctioned "Data Science" 2 years full time course in M.Tech programme offered by department of Information Technology with an intake of 18 w.e.f. 2019-2020. Further he said that the Computer Science & Technology Course is discontinued w.e.f 2019-20 and AICTE granted extension of approval for all the existing courses for the year 2019-20.

➤ The Academic Council unanimously ratified the same.

8. To present the results of B.Tech VIII & VI semesters of B.Tech (April 2019 examinations).

Dr.A.V.Ratna Prasad presented the results of B.Tech VIII & VI semesters of B.Tech (April 2019 examinations) and the Academic Council approved the same.

9. To consider & approve the Academic Calendars of B.Tech, M.Tech, MBA & MCA for the Academic Year 2019-2020.

Dr. A.V.Ratna Prasad presented the Academic Calendars of B.Tech, M.Tech, MBA & MCA for the Academic Year 2019-2020 and the Academic Council approved the same.


10. To consider and approve the minutes of Boards of Studies meetings held in May/June 2019.

Dr.A.V.Ratna Prasad presented the minutes of Boards of Studies meetings held in May/June 2019 and the Academic Council approved the same.

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

Date: 18-06-2019




(Dr.A.V.Ratna Prasad)
Chairman, College Academic Council
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