VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada - 520 007, AP. www.vrsiddhartha.ac.in
(Sponsored by Siddhartha Academy of General & Technical Education)

91 866 2582333
866 2582334
866 2584930

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PROCEEDINGS OF THE VICE-CHANCELLOR

Minutes of the Meeting of the 1st Academic Council Meeting held on 27th July, 2024 in Conference Hall, Administrative Block, Velagapudi Ramakrishna Siddhartha Engineering College, Deemed to be University, Vijayawada.

The First Academic Council Meeting of Velagapudi Ramakrishna Siddhartha Engineering College – Deemed to be University, Vijayawada held on **27thJuly, 2024 i.e. Saturday at 10.30 A.M**. in Conference Hall, Administrative Block, VRSEC, Vijayawada.

Dr. A.V. Ratna Prasad, Vice - Chancellor (Acting) chaired the meeting and welcomed all the External Members, Special Invitees and Academic Council members to the first Academic Council meeting.

Members Attended:

S.No.	Name of the Member	Designation	Position in Academic Council
(i)	Dr. A.V. Ratna Prasad	Vice- Chancellor (Acting) & Principal(VRSSE)	Chairperson
(ii)	Dr. N. Vijaya Sai	Dean Academics & HOD ME (VRSSE)	Member
	Dr. Ch. Srinivas	Dean - IR & HOD CE (VRSSE)	Member
	Dr. M.V.S. Raju	Dean - R & D, Coordinator - IQAC & Prof. Of CE (VRSSE)	Member
	Dr. B. Panduranga Rao	Dean – Student Affairs	Member
	Dr. B. Raghava Rao	Prof. of ME & I/c first year B. Tech (VRSSE)	Member
	Dr. D. Rajeswara Rao	HOD - CSE (VRSSE)	Member
	Dr. D. Venkata Rao	HOD - ECE (VRSSE)	Member
	Dr. P.V.R.L. Narasimham	HOD - EEE (VRSSE)	Member
	Dr. G.N. Swamy	HOD - EIE (VRSSE)	Member
	Dr. M. Suneetha	HOD - IT (VRSSE)	Member
	Dr. S. Vasavi	HOD - AI&DS (VRSSE)	Member
	Dr. S. Srinivasa Rao	HOD - Chemistry (VRSSE)	Member
	Dr. M. Ravi Chand	HOD - English (VRSSE)	Member
	Dr. Ch. Baby Rani	HOD - Maths (VRSSE)	Member
	Dr. G. Sridevi	HOD - Physics (VRSSE)	Member
	Dr. K. Narendra	In-charge S&H and Associate Prof. of Physics (VRSSE)	Member
	Dr. V. E. Jyothi	HOD, MCA Department (SOS)	Member
	Dr. A. Sree Ram	HOD, MBA Department (SOM)	Member

S.No.	Name of the Member	Designation	Position in Academic Council
(iii)	1. Dr. V. Narasimha Rao	Professor, MBA	Member
	2. Dr. K. SuvarnaVani	Professor - CSE (VRSSE)	Member
	3. Dr. K. Srinivas	Professor - CSE (VRSSE)	Member
	4. Dr.Ch. Rupa	Professor - CSE (VRSSE)	Member
	5. Dr. M. Padmaja	Professor - ECE (VRSSE)	Member
	6. Dr. G. Lakshmi Madhumati	Professor - ECE (VRSSE)	Member
	7. Dr. A. Rama Devi	Professor - EEE (VRSSE)	Member
	8. Dr. T. Anuradha	Professor - IT (VRSSE)	Member
	9. Dr. N.Ravi Kumar	Professor - ME (VRSSE)	Member
	10. Dr. S. Srinivasa Prasad	Professor - ME (VRSSE)	Member
(iv)	1. Dr. K. Praveen Kumar	Associate Professor - CSE	Member
	2. Dr. Shaik Fayaz Ahmed	Associate Professor - ECE	Member
	3. Dr. G. Srinivasa Rao	Associate Professor - EEE	Member
	4. Dr. B.V. Rao	Associate Professor - EEE	Member
	5. Dr. K. Hemalatha	Associate Professor - Maths	Member
(v)	1. Dr. P. Durga Prasada Rao	Asst. Professor - EIE	Member
	2. Mr. P. Sateesh Kumar Reddy	Asst. Professor - ME	Member
	3. Dr. K.P.V. Kumar	Asst. Professor, MCA	Member
	4. Dr. K. Raghuveer	Sr. Asst Professor - MBA	Member
	5. Dr. D. Madhulatha	Asst. Professor – School of Arts & Commerce	Member
(vi)	1. Prof. D.V.L.N. Somayajulu	Director, NIT Manipur	Member (Attended Online)
	2. Dr. L. Prakash Sai	Professor, Dept. of Management of Studies, IITM, Chennai	Member (Attended Online)
	3. Dr. Ch. Divakar Babu	Principal of SVD Law College, Vijayawada	Member
	4. Sri D. Rama Krishna	Managing Director of Efftronics, Vijayawada.	Member (Attended Online)
	5. Dr. Abburi Vidya Sagar	Chairman & MD, Avantel Ltd.	Member (Attended Online)
(vii)	Dr. N. R. Krishna Murthy	Registrar - Ex- officio	Secretary
(viii)	Dr. T.S.R. Chowdary	Controller of Examinations	Permanent Invitee
(ix)	1. Dr. N. Siva Prasad	Former Professor (IITM) Advisor	Special Invitee
	2. Dr. G. Chakravarthy	HOD – Statistics - P.B. Siddhartha college of arts and science, Vijayawada	Special Invitee
	3. Dr. K. Sudheer	Deputy HOD – CSE - P.B. Siddhartha college of arts and science, Vijayawada	Special Invitee
	4. Dr. K. Narayana Rao	HOD – Commerce - P.B. Siddhartha college of arts and science, Vijayawada.	Special Invitee

Members not present:

S.No.	Name of the Member	Designation	Act as a
1.	Prof. NVR Jyothi Kumar	School of Economics, Management &Information Sciences, Mizoram Central University, Aizawl	Member

Opening remarks were made by **Dr. N.R. Krishnamurthy, Registrar (Acting),** briefly outlining the agenda of the meeting and thanked the external experts, special invitees, and members for taking the time to attend the 1st Academic Council meeting of V R Siddhartha Engineering College, Deemed to be University.

Dr. A. V. Ratna Prasad, Vice-Chancellor (Acting) explained the milestones, accreditations, awards and achievements of the VRSEC (Autonomous). Also gave brief insights regarding the research activities, placements, ratings, rankings and Vision & Mission of Velagapudi Ramakrishna Siddhartha Engineering College, Deemed to be University. Later, he requested Dr.N. Siva Prasad, Advisor – Academics, VRSEC, Deemed to be University, to briefly highlight the background of curriculum revision.

Dr. N. SivaPrasad, Advisor, VRSEC appreciated the efforts of the college management, faculty, staff and other members who helped V R Siddhartha Engineering College to become Deemed to be University.He emphasized that while the Engineering College focused primarily on teaching and learning, the University includes not only teaching and learning but also research and development. He suggested transforming this University into AI driven University.

Dr. N. R. Krishnamurthy, Registrar (Acting) requested the Vice-Chancellor (Acting) to conduct the Proceedings of the meeting.

1.	**Agenda item:** **To consider and approve B. Tech Program Academic Regulations, first year B. Tech Scheme of Instructions and syllabus to be implemented w.e.f. 2024-25.** Dr. N. Vijaya Sai, Dean – Academics & Examinations explained the Academic Regulations, first year B. Tech Scheme of Instructions and syllabus to be implemented w.e.f. 2024-25. After his presentation, he requested the members to give their valuable suggestions. **Sri D. Rama Krishna, MD of Efftronics, Vijayawada,** emphasised that Python programming in the first semester of B. Tech could be replaced withIntroduction of C Language, CPU/Computer Architecture. He also suggested to impart knowledge regarding computation and interfaces, infographics, system behaviour for the students. **Prof. D.V.N.L. Somayajulu, Director, NIT Manipur,** suggested to replace introduction to Computer Programming and Problem Solving instead of Python programming in the first semester of B. Tech. **Dr. P.V.Rao, IIT Delhi, Dean Planning,** suggested to change the letter grade for the students Ex, A,B,C,D, E to A+,A,B+,B,C+,C....

Resolution:

After discussions, and incorporating some of the suggestions given by the experts, it has been resolved to approve the B. Tech Academic Regulations, first-year B. Tech scheme of instructions and syllabus to be implemented w.e.f.2024-25, as presented by Dr. N. Vijaya Sai, Dean-Academics.

(Details are enclosed as Annexure – 1)

2. Agenda item:

To consider and approve M. Tech program Academic regulations, scheme of instructions and syllabus to be implemented w.e.f. 2024-25.

Dr. N. Vijaya Sai, Dean-Academics & Examinations explained the Academic Regulations of the M. Tech program and Heads of the concerned Engineering Departments (CE, CSE, ECE, IT, and ME) presented their scheme of instructions and syllabus.

After their presentation, they requested the members to give their valuable suggestions.

Prof. D. V. N. L. Somayajulu, Director, NIT Manipur, suggested to change the maximum Plagiarism index for the submission of the thesis from 35% to 25%.

Dr. N. Siva Prasad, Education Expert, suggested to modify the scheme of instructions of Technical paper writing in M. Tech, II Semester as IL+0T+2P instead of 2L+0T+0P in M. Tech Programmes.

Sri D. Rama Krishna, MD of Efftronics, Vijayawada, advised to add the working of OS (Operating System) and Network Protocols in the syllabus of Cyber Security in M. Tech (Cyber Security) Program.

Dr. D. Rajeswara Rao, CSE HOD, explained that the students of ECE, CSE and other engineering stream students have already studied and had basic foundation of the Operating System and protocols in their graduation level.

Sri D. Rama Krishna, MD of Efftronics, Vijayawada, advised that the program "VLSI Design & Embedded systems" can't serve the need of industry in both VLSI and Embedded Systems completely. So, he suggested to haveM. Tech program in VLSI design exclusively.Additionally he also advised to add deep understanding about protocols, interfaces, wired and wireless communications.

Resolution:

After discussions, and incorporating some of the suggestions given by the experts, it has been resolved to approve the M. Tech Academic Regulations, and the following scheme of instructions and syllabus of different specializations of M. Tech to be implemented w.e.f. 2024-25 as presented by Dr. N. Vijaya Sai, Dean-Academics & Examinations and Engineering HODs (CE, CSE, ECE, IT, and ME).

Sl. No.	Department	M. Tech Specialization	Scheme of Instructions (Semesters)	Syllabus (Semesters)
1	CE	Structural Engineering	1, 2, 3, 4	1, ,2 3, 4
2	CSE	Cyber Security	1	1
3	ECE	VLSI Design and Embedded System	1	1
4	IT	AI & DS	1, 2, 3, 4	1, ,2 3, 4
5	ME	Automated Manufacturing System	1, 2, 3, 4	1, ,2 3, 4

(Details are enclosed as Annexure – 2)

3.	**Agenda item:** **To consider and approve MCA Academic regulations, scheme of instructions and MCA first year syllabus to be implemented w.e.f. 2024-25.** Dr. V.E. Jyothi, Head I/c (MCA), explained the MCA regulations, scheme of instructions and MCA first year syllabus to be implemented w.e.f. 2024-25. After her presentation, she requested the members to give their valuable suggestions. **Prof. D. V. N. L. Somayajulu, Director, NIT Manipur,** advised to shift Computer Networks to the 3rd Semester from the 1st Semester and to include Operating System working for the better understanding of further subjects. **Sri D. Rama Krishna, MD of Efftronics, Vijayawada,** told to remove two English Courses and advised to allocate only one English Communication course in the semesters. Dr. V.E. Jyothi, Head I/c (MCA), informed that it would be beneficial for students from diverse backgrounds to take two English courses to enhance their communication skills and also acknowledged to include Operating System course in the syllabus. **Resolution:** ***After discussions, and incorporating some of the suggestions given by the experts, it has been resolved to approve the MCA Academic Regulations, scheme of instructions and first-year syllabus to be implemented w.e.f. 2024-25, as presented by Dr. V. E. Jyothi.*** *(Details are enclosed as Annexure – 3)*
4.	**Agenda item:** **To consider and approve MBA Academic regulations, scheme of instructions and MBA first year syllabus to be implemented w.e.f. 2024-25.** Dr. A. Sree Ram, Prof.& Head (MBA) has presented the Academic Regulations, scheme of instructions and MBA first year syllabus w.e.f. 2024-25. After his presentation, he requested the members to give their valuable suggestions. **Dr. L. Prakash Sai, Professor, Dept. of Management of Studies, IITM, Chennai** suggested to change the term of News Analysis as **Business News Analysis** and also advised to rename the subject **"Strategic Management"** as **"Strategy and Policy"** in 3rd semester of MBA. **Resolution:** ***After discussions, and incorporating some of the suggestions given by the experts, it has been resolved to approve the MBA Academic Regulations, scheme of instructions and first-year syllabus to be implemented w.e.f. 2024-25, as presented by Dr. A. Sree Ram.*** *(Details are enclosed as Annexure – 4)*
5.	**Agenda item:** **To consider and approve B. Sc. & B. Com programmes Academic regulations, scheme of instructions and first year syllabus to be implemented w.e.f. 2024-25.** Dr. D. Madhulatha, Asst. Professor presented the Academic regulations, scheme of instructions and first year syllabus to be implemented w.e.f. 2024-25. **Resolution:** ***After discussions it has been resolved to approve B. Sc. & B. Com programmes Academic regulations, scheme of instructions and first year syllabus to be implemented w.e.f. 2024-25 unanimously.*** *(Details are enclosed as Annexure – 5)*

6.	**Agenda item:** **To consider and approve the Admission Procedure for Ph.D. Programs.** Dr. D. Rajeswara Rao, Prof. & Head, CSE, presented the Admission Procedure and guidelines for admission to Ph.D. programs under full time and part time schemes. ***Resolution:*** ***After discussions, it has been resolved to approve the Admission Procedure for Ph.D. Programs as presented by Dr. D. Rajeswara Rao, Prof. & Head, CSE.*** (Details are enclosed as Annexure – 6)
7.	**Agenda item:** **To consider and approve the first year Academic Calendars of B. Tech, M. Tech, MBA, MCA for the academic year 2024-25.** ***Resolution:*** ***It has been resolved to approve the first year Academic Calendars of B. Tech, M. Tech, MBA, MCA by the Academic Council members and external members.*** (Details are enclosed as Annexure – 7)
8.	**Agenda item:** **Any other item with the permission of chair.** **Suggestions:** **Dr. Abburi Vidya Sagar, Chairman & MD, Avantel Ltd.,** advised to consider introduction to AI with hands on experience in using tools such as copilot, chatgptetc , python programming , LLM generation for post graduate students also in first semester like in UG courses. **Prof. D. V. L. N. Somayajulu, Director, NIT Manipur,** suggested that Number theory, mathematical fundamentals of Cryptography, knowledge on groups and rings etc are to be checked.
9.	**Concluding remarks by Vice-Chancellor(Acting).** **Dr. A.V. Ratna Prasad, Vice-Chancellor (Acting)**expressed their heartfelt thanks for attending the 1st Academic Council meeting and giving their valuable suggestions for the betterment of the University.

(Dr. A. V. Ratna Prasad)
Vice-Chancellor (Acting)
V.R.Siddhartha Engineering College
DEEMED TO BE UNIVERSITY
VIJAYAWADA-520 007.

(Dr. N. R. Krishnamurthy)
REGISTRAR (Acting)
V.R.Siddhartha Engineering College
Deemed to be Univerisity
VIJAYAWADA-520 007.