

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

MINUTES OF THE GOVERNING BODY MEETING HELD ON 16-04-2022

Minutes of the meeting of the **Governing Body** of Velagapudi Ramakrishna Siddhartha Engineering College, Autonomous, Vijayawada (virtual) held at **10.30 A.M on 16-04-2022 i.e. Saturday.**

Sri. M.Rajayya, Vice - President, Siddhartha Academy of General and Technical Education, Chaired the meeting and extended a warm welcome to the Members attended.

Members, Co-opted members & Special invitees attended :

1.	Sri.M. Rajayya Vice - President, SAGTE	Member - Management
2.	Sri P. Lakshmana Rao Secretary, SAGTE	Member - Management
3.	Sri N. Lalitha Prasad Joint Secretary, SAGTE	Member - Management
4.	Prof.(Dr.) Suresh Kumar Dhameja Dean, Academics & International Affairs National Institute of Technical Teachers Training & Research, Chandigarh	Member -UGC Nominee
5.	Dr G Yesu Ratnam, Professor of Civil Engineering, JNTUK, Kakinada	Member -University Nominee
6.	Abhuri Vidya Sagar Chairman/Managing Director, Avantel Ltd	Member - Industrialist
7.	Sri. P.V.Rao Director., Pennar Industries & Pennar Global, Hyderabad.	Co-opted Member Expert – Industry
8.	Dr. A.V. Ratna Prasad, Principal, VRSEC.	Member Ex. Officio
9.	Dr. M. Suneetha, Prof. & HOD IT	Member - Teacher
10.	Dr. D. Venkata Rao, Prof. & HOD of ME	Member - Teacher
11.	Sri. D. Rama Krishna, MD, Efftronics Pvt. Ltd.	Special Invitee Industrialist

Members, Co-opted members & Special invitees who did not attend:

1.	Dr. C. Nageswara Rao President, SAGTE	Chairman – Management
2.	Sri. Vellanki Nagabhushana Rao, Vice – President, SAGTE	Member - Management
3.	Sri A Nirmal Kumar Priya, M.TECH, MISTE, MIEEEE. Joint Director, O/o Commissioner of Technical Education	State Govt. Nominee
4.	Sri. Rajiv Pandey Sr GM & Head of Customer, Connected & Digital at Tata Motors, Mumbai	Co-opted Member Expert – Industry
5.	Sri. Rajendra Velagapudi MD & CEO, Cyient DLM	Co-opted Member Expert – Industry

Dr. A.V. Ratna Prasad, Principal read the brief profiles of new members, Sri. Abburi Vidya Sagar, Chairman, Managing Director, Avantel Ltd., Sri. A. Nirmal Kumar Priya, Joint Director, O/o Commissioner of Technical Education, A.P and Dr. G. Yesu Ratnam, Professor of Civil Engineering JUTUK, Kakinada.

The following agenda items were discussed and deliberated upon:

Item: 1. To confirm the minutes and report the action taken on the minutes of the previous meetings held on 31-07-2021 & 30-09-2021.

Governing Body confirmed the following minutes and approved the action taken on the minutes of the last meetings held on 31-07-2021 & 30-09-2021.

i) Establishment of Incubation Centre suggested by Dr. P.V. Rao

- ✓ Team of Professors of the college have met Sri. P.V. Rao, Director, Pennar Industries & Pennar Global, Hyderabad, and Sri. A. Vidya Sagar, MD, Avantel Ltd., and college made MOU with Avantel Ltd., on 10th November 2021 as per the guidance of Sri. P.V. Rao.
- ✓ Anblicks Ltd is doing its operation in the campus TBI since 2019
- ✓ No of employees - 50
- ✓ Built up space of 20,000 square feet is available in TBI.

ii) PG Diploma in pre – cast & pre - fabrication in department of Civil Engineering suggested by Sri. P.V. Rao.

- ✓ The said diploma will be initiated through online as soon as the college get eligibility to start such programmes as per the revised UGC guidelines under New Education Policy.

iii) Projects with comprehensive vision for end to end solution utilizing AI techniques and Machine Learning suggested by Sri. Velagapudi Rajendra.

a) AQUA SMS – SHRIMP Monitoring System

The proposed Aqua system automatically monitors the parameters in real-time using different aqua sensors. Proper monitoring of water parameters

- ✓ Improper usage of Aerators (overtime)
- ✓ Over feeding and under feeding
- ✓ Over usage of Power
- ✓ Labor cost
- ✓ Viral and fungal attacks on ponds
- ✓ Security and surveillance
- ✓ Revenue generated 80,000/-
- ✓ Deployed at bantumilli

b) Multipurpose Farming Machine – PROTOTYPE

The reduction of the manual labour and improving the efficiency of the farming leads to profitable and lucrative. It is a small machine that can take up multiple tasks in farming

- ✓ Ploughing
- ✓ Spraying pesticides and fertilizers
- ✓ Pumping water to the farm seamlessly

The machine uses **rechargeable battery** as a power source.

c) SIMULATED VIRTUAL SOLUTIONS

- ✓ VR Model , 3D Video, Interior and Exterior designing
- ✓ The colors and effects are much more realistic than existing 3D walkthroughs
- ✓ Soft wares used – Unity 3D, Sketchup pro, Enscape, Luminon, V Ray, XR interaction toolkit, FPS Controllers, Sentio VR etc.,

d) KALGAMS-Integrated Saloon App

- ✓ KALGAMS-Integrated Saloon App Using Machine Learning, It won I Prize in Institute Innovation Council (IIC) Smart Idea Contest 2021, and also selected as best Idea for Presentation at Indian Institute of Management, Visakhapatnam, 2021.
- ✓ It was converted into Commercial Product and registered for Startup Company.
- ✓ Smart Power Controlling Device using IoT and Machine Learning
- ✓ Smart Power Controlling Device using combination of Machine Learning Algorithms, IoT and Cloud computing Technologies
- ✓ It was converted into a Patent and it was published.
- ✓ Existing CoE / Set Up with Corporates

iv) Video presentation of Incubation Centres and Collaborative laboratories as suggested by Sri. Rajiv Pandey

- ✓ Principal presented 3 minutes video presentation of Incubation Centres and Collaborative laboratories

v) Faculty to get acquaintance on "cyber security" area suggested by Sri. Rajiv Pandey.

- ✓ Certification done by
Ch. Mukesh, Assistant Professor, Department of CSE
Dr. N.Neelima, Assistant Professor, Department of IT
- ✓ It is planned to conduct a training for students in Cyber Security during May 2022 in association with Palo Alto Networks.

vi) Online training program on "fund raising for new business start-ups" suggested by Dr. Suresh Kumar Dhameja (NITTR, Chandigarh)

- ✓ Faculty participated in the online AICTE recognised faculty development programme on 'fund raising for New Business Start-up' from 13-09-2021 to 17-09-2021 conducted by Entrepreneurship Development and Industrial Co-ordination Department NITTR, Chandigarh.

The key take aways of the above programme are :

- ✓ Difference between Angel investment and Venture Capital
- ✓ Venture Capitalists in India
- ✓ Incubators
- ✓ various ways in which we can raise fund for our startups
- ✓ various stages of a startup

vii) Measures taken to improve the results suggested by Sri. P.V. Rao

- ✓ Diagnostic tests, Remedial Classes, Counseling sessions were held and also classes conducted through quality circles to improve the results for slow learners.

viii) Details of provisional certificates issued to the candidates is to be displayed suggested by Sri. D. Ramakrishna.

- ✓ Details are displayed in our college website.
- ✓ <https://www.vrsiddhartha.ac.in/provisionals/>

ix) Information presented:

- ✓ Academic and other important activities & events for the year 2020-21.
- ✓ Strategic plan 2020-25
- ✓ Placements for the year 2020-21
- ✓ Faculty appointments & reliving
- ✓ Provisional certificates issued
- ✓ Minutes of Academic Council & IQAC.

Item: 2. To present and approve the M.Tech, MBA & MCA outgoing batch results 2020-21.

Dr. A.V. Ratna Prasad, Principal, presented the following M.Tech, MBA & MCA results of outgoing batch **and the Governing Body approved the same.**

M.Tech (2019-21) outgoing batch -	96.88%
MBA (2019-21) outgoing batch -	91.94%
MCA (2018-21) outgoing batch -	85%

Item: 3. To consider and approve the issue of Provisional Certificates for the passed out candidates of M.Tech, MBA & MCA (Regular) and the candidates who completed their UG & PG degrees in supplementary examinations (held between July 2021 and October 2021).

Dr. A.V.Ratna Prasad, Principal, presented the issue of Provisional Certificates for the following passed out candidates of M.Tech, MBA & MCA (Regular) and the candidates who completed their UG & PG degrees in supplementary examinations (held between July 2021 and October 2021) **and the Governing Body approved the same.**

M.Tech	Sep-2021	M.Tech 19 Regular	-	93
MCA	July & Aug -2021	MCA 15 Regular & Supplementary	-	51
MBA	Aug -2021	MBA 19 Regular	-	57
B.Tech	Aug & Oct -2021	VR14 Regular & Supplementary	-	32

B.Tech	Aug & Sep & Oct -2021	VR17 Supplementary	-	66
MCA	Aug UG-2021	MCA 15 Supplementary	-	01
M.Tech	Aug-2021	M.Tech 15 Supplementary	-	02
Total Provisional Certificates issued			-	302

Item: 4 . To consider and approve the submission of an application to AICTE for introduction and increase in intake in UG / PG courses and discontinuation of few courses in PG & reduction of intake in UG w.e.f. 2022-23.

Dr. A.V.Ratna Prasad, Principal, proposed the submission of an application to AICTE as per the following tables for introduction and increase in intake in UG / PG courses and discontinuation of few courses in PG & reduction of intake in UG w.e.f. 2022-23 after discussions ***the Governing Body approved the same.***

UG Level:

S.No	Name of the course	Offered by	Existing	Intake proposed	Total
1	Computer Science & Engineering (Artificial Intelligence & Machine learning)	CSE	NIL	60 (New Course)	60
2	Artificial Intelligence and Data Science (AI & DS)	CSE	60	60 (Increase in intake)	120
3	Information Technology	IT	120	60 (Increase in intake)	180
4	Mechanical Engineering	ME	180	60 (Reduction in intake)	120

PG Level:

S.No	Level / Course	Dept.	Name of the course	Remarks
1.	M.Tech	ME	Automated Manufacturing Systems	Introduction of New Course with an intake of 12
1.	M.Tech	ECE	Communication Engg & Signal Processing (ECE)	Closure of course
2.	M.Tech	ME	CAD/CAM (ME)	Closure of course
3.	M.Tech	ME	Thermal Engineering (ME)	Closure of course

Item: 5. To present the academic, R & D and other activities & events of the college for the A.Y. 2021-2022 from 01-07-2021 till date.

Dr.A.V.Ratna Prasad, Principal presented the following academic, R & D and other activities & events of the college for the A.Y. 2021-2022 from 01-07-2021 till date and ***the Governing Body approved the same.***

➤ **R & D Projects :**

No. of Sanctioned Projects : 15 Rs.80,58,100/-
(CE-11, CSE-01, EIE-012, ME-02)

➤ **Total No. of Patents : 39**

Granted : 03
Published : 31
Filed : 05

➤ **R & D publications (SCOPUS/SCI Journals):**

Journals : 122
Conferences : 160
Scopus/ SCI : 191
Total Scopus publications in the calendar year 2021 : 310

➤ **No of continuing education programmes organized by various departments**

: 110
(FDP-16, International Conclave-1,
Workshops -26, Seminars-27, Guest lectures-40)

⇒ **Faculty participation in continuing education programmes:**

326 Faculty members participated in 639 continuing education programmes

⇒ **NPTEL ONLINE CERTIFICATIONS (AY:2021-22):**

Course Run	Certified	Gold (>=90%)	Silver (75% - 89%)	Elite (60% - 74%)	Successful (59%-40%)	Top pers	NPTEL RANKING
July – Dec 2021	872	14	142	344	372	15	A
Jan- July 2022	Exam Registrations (as on 18-03-2022) : 881						

⇒ Coursera Online Certifications:	
Students Registered (CSE-149, ECE-52 IT-131)	: 332
Employability Pilot Program (CSE-15, ECE-24 EEE-06, IT-05)	: 50
⇒ MOUs (CE- 2, CSE -2, ECE-3, EIE-01, IT-3, ME-1, Institute-2)	: 14
⇒ Students Achievements	: 16
⇒ Rewards and Recognitions of faculty	: 16
⇒ Internal Faculty awarded with Ph.D (ECE-01, EIE-01, IT-01, ME-03, MBA-01, Chemistry -01)	: 08
⇒ Value Added courses offered (ECE-02, EEE-01, EIE-02, IT-03)	: 08

Item: 6. To present the student placements of current Academic year 2021-22 as on 10-04-2022.

Dr. A.V.Ratna Prasad, Principal presented the following Placements of current Academic Year 2021- 2022 as on 10-04-2022.

No. of Companies visited:	88
Total number of placements:	1242
Total No of Students Placed	843
• 2.5 to 4 LPA :	389
• ≥ 4 LPA :	571
• ≥ 6 LPA :	243
• ≥ 8 LPA :	25
• ≥ 10 LPA :	14

Item: 7. To present and approve the semester end examination results of the B.Tech 2nd (VR20), 4th, 6th (VR17), MBA 1st, 4th (19 Reg), MCA 4th (19 Reg) & MCA 1st (20 Reg) held in July / August / September / October 2021.

Dr. A.V. Ratna Prasad, Principal, presented the following semester end examination results of the B.Tech 2nd (VR20), 4th, 6th (VR17), MBA 1st, 4th (19 Reg), MCA 4th (19 Reg) & MCA 1st (20 Reg) held in July / August / September / October 2021 and ***the Governing Body approved the same.***

B.Tech 2 nd semester (VR20)	-	79.63%
B.Tech 4 th semester (VR17)	-	80.32%
B. Tech 6 th semester (VR17)	-	78.65%
MBA 1 st semester (VR19)	-	96.88%
MBA 4 th semester (VR19)	-	95.16%
MCA 1 st semester (VR20)	-	84.13%
MCA 4 th semester (VR19)	-	81.03%

Item: 8. To present the information regarding faculty appointments and relieving from 01-08-2021 till date.

Dr.A.V.Ratna Prasad, Principal, presented the information regarding the faculty appointments and relieving from 01-08-2021 till date *and the Governing Body approved the same.*

Faculty Relieved	:	14
Faculty Joined	:	31

Item: 9. To present the audited statements of Accounts for the year 2020-21.

Dr. A.V.Ratna Prasad, Principal presented the audited statements of Accounts for the year 2020-21 *and the Governing Body approved the same.*

Item: 10. To present the list of Re-admitted candidates for the year 2021-22.

Dr. A.V.Ratna Prasad, Principal presented the list of Re-admitted candidates in the year 2021-22 even semester *and the Governing Body approved the same.*

Re-admitted Candidates : 07

S.No	Regd.No	Course	Branch	Name	Category
1	208W1A03E1	1/4 B.Tech	ME	LAKAVATHU ESWAR VASU NAYAK	ST
2	198W1A0418	2/4 B.Tech	ECE	DOKALA PAVN KALYAN	BC-D
3	178W1A0134	3/4 B.Tech	CE	NANDETI SNEHA	OC
4	178W1A01F8	3/4 B.Tech	CE	PAIDIPAMULA VINAY TEJA	SC
5	178W1A05F1	3/4 B.Tech	CSE	NIKHIL BABU BHUKYA	ST
6	188W5A0114	3/4 B.Tech	CE	G. VISHNU VENKATA SAI RAM	BC-A

S.No	Regd.No	Course	Branch	Name	Category
7	168W1A0217	4/4 B.Tech	EEE	GUDAVALLI KEERTHI	SC

Note: Mr. G. Vishnu Venkata Sai Ram, admitted in 6th semester with the permission of JNTUK after his break study (JNTUK mail dated: 28-03-2022).

Item: 11 To present the information regarding attendance particulars of the students from July 2021 to March 2022.

Dr. A.V.Ratna Prasad, Principal presented the following information regarding attendance particulars of the students from July 2021 to March 2022 *and the Governing Body approved the same.*

ATTENDANCE PARTICULARS (Dec-2021 – April 2022)

SEMESTER	MONTH & YEAR	>75%	65%-75%	<65%	Total
B.TECH III SEM	MARCH-2022	1235	58	8	1301
B.TECH V SEM	JAN-2022	1187	54	8	1249
B.TECH VII SEM	DEC-2021	1231	20	0	1251
MCA V SEM	FEB-2022	58	0	0	58
MBA III SEM	APRIL-2022	63	0	0	63
MCA III SEM	APRIL -2022	63	0	0	63
B.TECH I SEM	APRIL-2022	1064	24	4	1092

ATTENDANCE PARTICULARS (July – November 2021)

SEMESTER	MONTH & YEAR	>75%	65%-75%	<65%	Total
B.TECH I SEM	JULY-2021	1127	23	4	1154
B.TECH VIII SEM	JULY-2021	1239	11	1	1251
B.TECH II SEM	OCT-2021	1128	1	5	1134
B.TECH IV SEM	SEPT-2021	1216	39	4	1259
B.TECH VI SEM	AUG-2021	1225	26	1	1252
MBA II SEM	DEC-2021	60	4	0	64
MCA II SEM	DEC-2021	63	0	0	63
M.TECH II SEM	NOV-2021	44	4	3	51

Item: 12. To present the malpractice cases of semester end examinations of UG & PG levels from July 2021 to March 2022.

Dr. A.V.Ratna Prasad, Principal presented the malpractice cases of semester end examinations of UG & PG levels from July 2021 to March 2022 *and the Governing Body approved the same.*

	SEMESTER	REGULAR	SUPPLEMENTARY
B.TECH	VII SEM (DEC-2021)	1	1
	VI SEM (AUG-2021)	4	NIL
	V SEM (JAN-2022)	1	1
	IV SEM (SEP-2021)	8	3
	III SEM (MAR-2022)	1	4
	II SEM (OCT-2021)	NIL	6
	I SEM (JULY-2021)	6	6
	TOTAL	21	21

Item: 13. To present the details of scribe permitted during semester end examinations from July 2021 to March 2022.

Dr. A.V.Ratna Prasad, Principal presented the following details of scribe permitted as per the Government norms during semester end examinations from July 2021 to March 2022 *and the Governing Body approved the same.*

Sl.No	Name & Roll No	Course & Sem	Scribe	Permission
1	198W1D8814 Y. Sai Chandhu	M.Tech I Sem (Supple) July -2021	No Scirbe	30 Minutes Extra
2	188W1A0128 M.Komal Sai Samba Siva Kumar	B.Tech V Sem (Supple.) & VI Sem (Regular)Aug-2021	SK. Karimulla	30 Minutes Extra
3	198W5A1011 P. Ranga Rao	B.Tech VI Sem (Regular)Aug-2021	P.Naga Pavan Raj	30 Minutes Extra
4	198W1A0467 M.V.S.S.N.Eswar	B.Tech IV Sem (Regular) Sep-2021	No Scirbe	30 Minutes Extra
5	188W1A0128 M.Komal Sai Samba Siva Kumar	B.Tech I ,III& IV Sem (Supple) Sept-2021	Patan Karimulla Khan	30 Minutes Extra
6	188W1A0128 M.Komal Sai Samba Siva Kumar	B.Tech I & VI(Supple) VII Semester (Regular) December-2021	M Lohitha	30 Minutes Extra
7	188W1A0128 M.Komal Sai Samba Siva Kumar	B.Tech V Semester (Supple.) January-2022	M Siddhartha Raghava	30 Minutes Extra
8	198W1A0467 M.V.S.S.N.Eswar	B.Tech V Sem (Regular) January-2022	No Scirbe	30 Minutes Extra

Item: 14. To consider and ratify the minutes of Academic Council, IQAC, Finance Committee for ratification.

Dr. A.V.Ratna Prasad, Principal presented the following minutes of Academic Council, IQAC, Finance Committee for ratification *and the Governing Body ratified the same.*

⇒ **Minutes of Academic Council:**

- ✓ B.Tech, M.Tech, MBA & MCA academic calendars for the year 2021-2022 is approved.
- ✓ Course titles/ Syllabus of V and VI Semesters of 3rd Year B.Tech Programme w.e.f 2022-23 (VR20 Regulation).
- ✓ Finalized the honors and minors program courses.
- ✓ Approved syllabus of honors and minors courses, to be introduced in IV semester, 2021-2022 academic year.
- ✓ Finalized self-learning courses NPTEL/ COURSEERA/ UDEMY or other MOOCS.
- ✓ Finalized subjects related to VR17 to VR20 transitory regulations.

⇒ **Minutes of IQAC:**

- ✓ Set up of sensor based energy conservation system in the campus.
- ✓ Energy audit in the institute by appointing an external agency.
- ✓ Planed for sports & games to be organized in the campus.
- ✓ Planed for cultural events to be organized in the campus.
- ✓ Provide training to their supporting staff, both technical and Non-technical in all departments of the institute, every year.
- ✓ Provide training to the Administration staff of the Institute, every year.
- ✓ Provide Industrial training to their faculty, in all departments of the Institute, every year.

⇒ **Minutes of Finance Committee:**

- ✓ Approved to procure the required furniture with the cost of Rs 2,81,000/-.
- ✓ Approved proposed income expenditure for A.Y 2021-22 and ratified the expenditure income for A.Y 2020-21.

Item: 15. Any other point with the permission of the Chairman

- i) Dr. A.V.Ratna Prasad, Principal proposed to nominate the following industry experts as co-opted member for Governing body /member for Academic council *and the Governing Body approved the same.*

1. Srinivas, K V N D S

Global Delivery Partner, Cognizant

2. M Venugopal Reddy,

Vice President, Engineering Lead, JP Morgan and Chase

ii) Suggestions:

Sri. P.V. Rao, Director, Pennar Industries & Pennar Global, Hyderabad, suggested to offer courses on Economics, Finance, Taxation, Banking, Direct & Indirect taxes etc., in the B.Tech Program in any one of the year and also conduct special lectures for entrepreneurship development to encourage students to become entrepreneurs. Recently it is observed that many college students are lacking fluency in English language and they are not able to speak 10 to 15 minutes on any important topic even though they have a very high percentage of marks in the course. Today communication skills are more important for getting good job opportunities for Engineering students or to become entrepreneurs.

Sri. M. Rajayya, Vice – President, Siddhartha Academy and Convener of the College expressed his thanks to Sri. P.V. Rao for his noble advice and advised the Principal to organize special classes for development of communication skills of students and advised to put more focus on this issue.

Dr. A.V. Ratna Prasad, Principal informed that Economics and Accountancy subjects have already been offered in our B.Tech course and we have been conducting special classes on Communication skills and English from second year onwards and continue to keep sincere efforts further.

Sri. Abburi Vidya Sagar Chairman/Managing Director, Avantel Ltd, Industrialist, informed that Hyderabad Management association is providing online entrepreneur development and communication skills related courses with eminent industry experts. Industry like Tata, L & T etc., experts are giving lectures from this platform. Students can take as an elective course with in a duration of 20 to 30 hours in a structured way i.e. theory cum practical examples. Mr. Ramchandra, M.D will give helping hand towards this program.

Sri.D.Rama Krishna, MD, Efftronics Pvt. Ltd., Special invitee suggested that institute need to put major efforts towards algorithms building. Faculty and students together need to give importance to build algorithms in all departments including Mechancial and Civil. Most of the MNCs paying high salaries to the students who knows about algorithms building. At present teachers are teaching only algorithms, major directions is needed towards building algorithms.

He also felt that the future of the Private Engineering colleges in the state is affecting due to low fee structure and students' admission input in some of the core branches. At present Industries are paying high salaries across the world, so we need to retain the capable faculty by providing good salaries. Institutes may improve the following parameters for their financial stability to run the institute with the good infrastructure, R & D and state of the art laboratories etc., including

- ❖ Consultancy in all Departments.
- ❖ Training programs
- ❖ Certification programs
- ❖ Skill development programs

Sri M. Rajayya, Vice - President, Siddhartha Academy thanked all the members for their enlightened and insightful suggestions through their active participation.



(Dr. A.V. RATNA PRASAD)
Member-Ex-Officio &

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(M. Rajayya)
Vice- President,
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