Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

Members Present:

1) Dr. M.K. Panduranga Setty – Chairperson
2) Sri. N.R. Panditharadhya
3) Sri. K.G. Subbarama Setty
4) Sri. A.V.S. Murthy
5) Sri. D.P. Nagaraj   Members
6) Dr. S. Satyanaranaya
7) Dr. N. Shivakumar
8) Dr. M.P. Shyam, Industry Nominee
9) Dr. Y. Narasimalu, UGC Nominee
10) Dr. Sanjeev Kubbakadi, Spl. Invitee
11) Dr. K.N. Subramanya, Member Secretary

Leave of Absence:
1) Dr. S.H. Manjula – VTU Nominee   2) Dr. R. Sakthivel - AICTE Nominee

The Chairman welcomed all the members.

A minute silence was observed as a mark of respect to the staff of RVCE who have died due to covid during the lockdown period.

Sub. No. 206: **To read and record the proceedings of the 27th Governing Body Meeting (By Circulation) Dt. 15.9.2020 & Action Taken Report.**

The Member Secretary briefed about the proceedings of 27th Governing Body Meeting. As there were no comments, the proceedings of the 27th Governing Body Meeting and Action Taken Report were read and recorded.

Sub. No. 207: **Thanking outgoing UGC Nominee and Introduction of New UGC Nominee.**

The Member Secretary briefed that Smt. Mamtarani Agarwal, Joint Secretary, UGC, served as UGC nominee of the Governing Body since 2015 to 2020. We place on record her active participation and the suggestions given to improve the system and enhance the quality education and research in the institution, during 2015-2020.

The Member Secretary introduced the new UGC nominee, Dr. Y. Narasimalu, Director, UGC-HRDC, University of Hyderabad and read his brief profile.

Qualification	M.Sc, M.Phil and Ph.D. in Applied Mathematics, MS in Software Systems in 1995.
Occupation	Since joining University service in 1991, Prof. Narasimhulu has succeeded in shaping his identity as a teacher and researcher and also as an academic administrator; and his motto seems to be: "Teach, Lead, Inspire". He is both a teacher and a teacher trainer. Positions Held (in the last last 3 decades): ➢ Vice-Chancellor, Rayalaseema University, Kurnool, Andhra Pradesh;

Proceedings of the 28th Governing Body Meeting held 0n 24th June 2021 (Virtual)

	➢ Professor-Director, Human Resource Development Centre, Univ. of Hyderabad; ➢ Pro-Vice-Chancellor, Central University of Orissa; ➢ Registrar, University of Hyderabad; ➢ Director Incharge, Centre for Distance Education, University of Hyderabad; ➢ Professor of Mathematics, Jawaharlal Nehru Technological University, Hyderabad; Deputy Secretary, University Grants Commission, New Delhi
Membership	Active member of about 40 decision-making academic and professional bodies and selection committees all over the country

The Governing Body welcomed the new UGC nominee.

Sub No. 208: Activities of RVCE.

The Member Secretary highlighted about various activities of RVCE through a presentation.

Prof. Narasimhalu appreciated the activities carried out in the institution and thanked the UGC for nominating him as UGC nominee to RVCE. He congratulated all the faculty and the leadership of RVCE for its efforts in providing quality education and research.

Prof. Narasimhalu appreciated girl students' efforts in innovation and startup. He has suggested the following:

a) More flexibility and financial support to be provided to girl students for sustenance of innovation and startup culture.
b) The No. of Credits given for McGraw Hill courses is meagre. More Credit weightage could be given for these courses and it would be offered as a separate course.
c) Motivate staff to think of producing low cost batteries tapping energy from solar sources.

Sub. No. 209: Proceedings of Finance Committee Meeting held on 14.6.2021.

The Member Secretary highlighted the Extract of the Proceedings of Finance Committee Meeting held on 14.6.2021.

   (a) Sub No.147: Receipt of fund through funded project grants and Technical consultancy services during the year 2020-2021 and April to June 21

The receipt of funded project grants and technical/research & consultancy services sanctioned during the period 01.04.2020 to 31.03.2021 and 01.04.2021 to 08.06.2021 as follows.

Rs. in lakhs

Details	2020-2021	01.04.2021 to 08.06.2021
Project grants released from Central / State Government	159.83	9.41
Technical / Research / Consultancy assignments	595.86	6.77

Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

(b) Sub No.148: Financial Status of sustainability fund

The financial status of the sustainability fund (Four funds) along with the activities conducted during the year 2020-2021 as follows:

(Amount in Rs.)

Sl No	Name of the SB account	Opening balance as on 01.01.2021	Add Interest/ other receipts upto 31.05.2021	Less: Expenditure / Bank charges upto 31.05.2021	Balance in SB as on 31.05.2021
1	RVCE Corpus Fund A/c – SB No. 136010109230	25,27,473.71	4,43,747.00	--	29,71,220.71
2	RVCE Faculty Development Fund A/c – SB NO. 136010109257	95,96,120.50	94,269.00	2,56,497.00	94,33,892.50
3	RVCE Maintenance Fund A/c – SB No.136010109214	25,56,063.92	25,087.00	--	25,81,150.92
4	RVCE Equipment Replacement Fund A/c – SB No. 136010109249	51,30,453.93	48,906.00	13,20,377.00	38,58,982.93
	Total	**1,98,10,112.06**	**6,12,009.00**	**15,76,874.00**	**1,88,45,247.06**

(c) Sub No.149: Utilization of the Sanctioned Budget for the Year 2020-21

The head of account wise utilization of budget during the financial year 2020-21 and also accrued income against the proposed income.

Income:

(Rs.in lakhs)

Year	Budgeted Income	Accrued Income as per books
2020-21	9179.21	9330.93

Expenditure:

(Rs.in lakhs)

Year	Budget Recurring Expenses (A)	Actual Recurring Exps., (B)	Budget Non-Rec Exps., (C)	Actual Non-Rec Exp., (D)	Total Budgeted Exp., (E) (A+C)	Total Actual Exp., (F) (B+D)
2020-21	8631.35	6968.34	2572.82	756.13	11204.17	7724.47

(d) Sub No.150: Finalization of budget for the FY 2021-22

The Abstract of Budget for the Financial Year 2021-2022 is provided below:

Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

(Rs. In lakhs)

		Anticipated Income 2021-2022 (I)						9344.39
	Commitment (2020-21) (1)	Recurring (2021-22)			Non recurring (2021-22)			
		UG (A)	PG (B)	R&D (C)	UG (D)	PG (E)	R&D (F)	
Budgeted Expenditure	59.61	8546.85	100.72	70.18	4315.67	107.58	113.76	
Total Expenditure (II) - (1+A+B+C+D+E+F)								13,314.37
Deficit (III) - (I - II)								-3969.98
Less: Building (Construction / Additions)								2758.85
Less: Group Gratuity Scheme – HDFC payable by RSST								300.00
Net Deficit								-911.13

Resolution: After detailed deliberations, the committee approved the budget for the financial year 2021-22.

(e) Sub No.151: Revision of 2 – wheeler & 4 wheeler parking fee w.e.f. 01.02.2021

Two-Wheeler & Four-wheeler parking fee has been enhanced w.e.f 01.02.2021 as follows vide RSST No.3008 dated 22.02.2021

Sl No	Details	Enhanced from Rs.	Enhanced to Rs.
1	Parking fee- 2-wheeler	Rs.1,360.00 (Rs.1153 + 18% GST)	Rs.1,770.00 Rs.1500 + 18% GST)
2	Parking fee – 4-wheeler	Rs.2,714.00 (Rs.2300 + 18% GST)	Rs.3,540.00 (Rs.3000 + 18% GST)

Collection of Parking fee during the year 2020-21 is Rs.1,35,000/-

Resolution: The revised rates are approved and ratified by the committee

Sub. No. 210: Academic Preparation for Implementation of New Education Policy-2020.

The Member Secretary briefed about the academic preparation for implementation of NEP-2020.

NEP – 2020 is changing the landscape of higher education in the Country. The focus is on use of Interdisciplinary and Multidisciplinary approach, Outcome Based Education with a focus on Experiential Learning, use of ICT for blended learning, liberal education augmenting technical and making education contextual in order to make India self-reliant. Also as a part of NEP, implementing Blending Learning in higher education will be the New Normal. Covid – 19 Pandemic has helped the stakeholders to accelerate the process. In order to plan and implement

Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

the NEP-2020, the following activities have been already taken up in the institution since one year during the pandemic through online mode.

1. Attending the awareness programs by Principal, Deans, HoDs and faculty members organised by various statutory agencies, experts and professional associations
2. Organised talks by experts in the institution in online mode for the faculty and staff of the institution.
3. Organising workshops for Margadarshan institutions under RVCE to bring awareness about NEP – 2020 along with accreditation process.
4. Series of discussions are organised by departments to collect feedback from various stakeholders and consolidating it and discussions are on in Board of Studies.
5. HoDs have presented their ideas on planning and implementation of NEP-2020 during April – May, 2021 and the reports are getting consolidated.

In order to provide general direction, we have also discussed the planning and Implementation of NEP in the academic Council during 22nd December, 2020 in online mode. The *Extract of 31st Academic Council Meeting held on 22nd Dec. 2020 (Online)*. The guidelines for the revision of syllabus from the academic year 2022-23, based on NEP-2020 framework, was discussed in the 31st Academic Council Meeting vide Sub. No. 251. Following are the brief extract of the discussions.

i. Revising the scheme and syllabus of first year from 2022 -23 by introducing NEP guidelines on flexibility of curriculum, experiential learning, assessment and evaluation, inter-disciplinary / multi-disciplinary courses
ii. One Choice based course from first year only.
iii. To teach the courses in blended mode, wherever possible in order to provide more time to students for taking part in experiential learning.
iv. Continuous Internal Evaluation (CIE): Test (50) – Quizzes (20) – Experiential Learning (30). More autonomy to faculty in quizzes and tests.
v. PCM to have two courses separately for circuit and non- circuit programs, more applied in nature. Three units common and two units separate, cluster wise and experiential learning program specific.
vi. Skill based labs to be more in the revised curriculum. (atleast 25 to 30 percent). Proposing 2 credits for lab (one credit – physical lab and one credit – innovative skill based experiments)
vii. Combination of Experiential learning activities based on learning style of students. (Identified 50 ways)
viii. Common courses cluster wise and standardising the content.
ix. Liberal education courses to be part of HSS and technical courses.
x. Bringing existing innovative team activities, professional practice, cultural and sports activities under one roof and part of Outcome Based Learning (OBL).
xi. Emphasis on using Centers / CoEs for skill and Research Based Learning.
xii. To start training faculty and staff in the newer areas of technology and liberal education.

xiii.   Four year skeletal scheme to be thought over instead of piece meal approach. However, syllabus can be thought over in short time.

xiv.   To re-look into existing professional and interdisciplinary courses and introduce courses in newer areas. This should include AICTE listed courses on Robotics and automation, Data Science, AI and ML, cloud computing, industry 4.0 / 5.0, cyber security, Biology for Engineers etc.

xv.   Programming languages to be part of the lab for 2 credits instead of theory and lab. (offline / online - one credit each)

xvi.   CADD to be 3 credit lab course with two credits common and one credit program specific.

Prof. Narasimulu suggested that Mechanical Drawing / CAD could be replaced with 3D Printing. Liberal Education, Industrial Psychology, Economics, Basics of Psychology could be offered in Online Courses as Electives.

Sub. No. 211: **Starting of New Under Graduate Program – B.E. in Artificial Intelligence & Machine Learning (AI&ML) from the Academic Year 2021-22.**

The Member Secretary briefed about the starting of a new UG program – B.E. in Artificial Intelligence & Machine Learning (AI & ML) from the academic year 2021-22. He also mentioned that, we have submitted application to the AICTE, VTU has given NOC and expecting NOC from the State Govt. to start the program.

Introduction: Artificial Intelligence (AI) and Machine Learning (ML) technologies increasingly find their way into everything from advanced quantum computing systems and leading-edge medical diagnostic systems to consumer electronics and smart personal assistant. Today's Information and Communication Technologies (ICT) have been transforming into utilities with AI and ML capabilities. Adoption of AI & ML in core sectors such as healthcare, agriculture, education and skilling, governance, energy, automotive, banking and finance, infrastructure and manufacturing has led to increase in demand for engineers with specialised knowledge and expertise in AI & ML.

Objectives: The objectives of the proposed programme of Bachelor of Engineering in Artificial Intelligence and Machine Learning are:

❖   To impart broad introductory and overview of basics in Computer Science and Engineering with specialised knowledge and skills in Artificial Intelligence, Machine Learning, Deep learning, Reinforcement learning, NLP, HCI, Data Science, Meta Heuristics, Computer Vision, Business Intelligence, and other interdisciplinary areas

❖   To develop human resource as specialist engineering professionals in AI and ML capable of building intelligent machines integrating Machine learning, Analytics and Visualization technologies.

❖   To impart education and skills in AI & ML domain through experiential learning by introducing minor and major projects, course projects, advanced electives, advanced laboratory exercises in the curriculum

❖   To impart Device Development skills through Design thinking exercises with AI and

Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

❖ ML integration for industrial and societal problems related but not confined to healthcare, manufacturing, finance, retail and agriculture.

Sub: No. 212: Extension of the term of Heads of the Department.

The Member Secretary briefed that, as per the policy for rotation of Heads of Departments in various departments, the Governing Body endorsed its approval for Rotation of HoDs in the 24th Governing Body meeting held on 16th Jul. 2018 vide Sub. No. 187. Accordingly, faculty members have been selected as HoD of respective departments and they took charge as mentioned in the following table. The term of the Head of the Department is for a period of 3 years from date of issue of office order.

S. No.	Name of the Faculty	Designation	Department	Date of Holding
1	Dr. Radhakrishna	Professor & HOD	Civil Engineering	18.07.2018
2	Dr. Krishna M	Professor & HOD	Mechanical	23.07.2018
3	Dr. Ravidra S Kulkarni	Professor & HOD	Aerospace Engg	01.06.2015
4	Dr. Rudranna Nandihalli	Professor & HOD	EEE	23.07.2018
5	Dr. Geetha K S	Professor & HOD	E & C	16.07.2018
6	Dr. Nagendra Gupta C K	Assoc. Professor & HOD	IE&M	23.07.2018
7	Dr. CH. Renumadhavi	Assoc. Professor & HOD	E & IE	19.07.2018
8	Dr. Vinod Kallur	Assoc. Professor & HOD	Chemical	23.07.2018
9	Dr. Ramakanth Kumar P	Professor & HOD	CSE	15.10.2018
10	Dr. Sreelakshmi K	Professor & HOD	Electronics & Telecom	16.07.2018
11	Dr. Sagar B M	Professor & HOD	ISE	23.07.2018
11	Dr. Vidya Niranjan	Professor & HOD	Biotech	01.08.2018
12	Dr. Andhe Dharani	Professor & Director	MCA	23.07.2018
13	Dr. Sudha Kamath M K	Assoc. Professor & HOD	Physics	16.07.2018
14	Dr. Raviraj A Kusanur	Assoc. Professor & HOD	Chemistry	01.06.2015
15	Dr. Sridevi K	Professor & HOD	Mathematics	23.07.2018

Further, he briefed that in view of the current pandemic situation as well as completing assigned tasks which are delayed, we intend to extend the term of the existing Heads of Departments for a further period of one year i.e. till Jul. 2022. We seek the permission of the Governing Body to approve this proposal.

The members opined that the extension could be given two years instead of one year, as the current academic session has not started and also, they will have sufficient time to train the next level.

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Proceedings of the 28th Governing Body Meeting held On 24th June 2021 (Virtual)

Resolution: The Governing Body endorsed its approval to extend the term of existing Heads of Department for a further period of two years.

<u>Sub. No. 213</u>: **Filling of vacancies – faculty positions / technical staff in various departments.**

The Member Secretary briefed that, in view of the superannuation's/resignations/deaths of some of our teaching faculties, there is a need to fill the vacant positions as below.

Requirements:

Department / Program	Professor	Assoc Professor	Assistant Professor
Aerospace	-	2	1
CSE	1	-	2
ISE	-	1	-
EEE	-	1	-
ECE	-	-	1
BE – AIML (New Program) (for Four Years)	1	2	9

This also includes requirement of faculty for introduction of new UG Program - BE in Artificial Intelligence & Machine Learning from this academic year 2021-22.

Further, he mentioned that some of the eligible faculty for upgradation will be considered for few positions. One or two excess faculties in MCA (in view of 2 years instead of 3 Years from 2020-21) / E&IE will be transferred based on their UG/PG/PhD specialization. M.Tech in Biomedical Instrumentation is closed. Some of the technical staff vacancies are also vacant in various departments.

Resolution: The Governing Body endorsed its approval to fill the vacant faculty and technical staff in various departments, as per the statutory norms of VTU and AICTE.

Sub. No. 214: Conduction of 11th Graduation Day Ceremony during 2nd OR 3rd week of Aug. 2021 (offline / online mode).

The Member Secretary briefed that many UG and PG students of our institution studying in final semester, got offer letters from various companies/Industries for employment. They have to report to the duty in the 4th week of July and in the 1st week of August. Further, several students got admission for higher studies abroad and premier institutions in India and they have to submit their complete credentials by August 2021.

As we do not have theory examination in both UG & PG in the final year, we intend to conduct the SEE in online mode as per the calendar of events. Keeping the view of students' career, it is essential to complete the evaluation process and declare the results of final semester students before the last week of July, 2021. We are awaiting VTU approval for the same.

Proceedings of the 28ᵗʰ Governing Body Meeting held 0n 24ᵗʰ June 2021 (Virtual)

It is also proposed to conduct the 11ᵗʰ Graduation Day Ceremony of RVCE during 2ⁿᵈ or 3ʳᵈ week of Aug. 2021 in online mode.

We seek approval to conduct graduation day ceremony. However, before Graduation Day, one more Governing Body meeting will be organised for approval of results and ranks. The meeting will be scheduled during first week of August, 2021 and will be intimated in advance.

Resolution: The Governing Body endorsed it's approval to conduct the 11ᵗʰ Graduation Day in during 2ⁿᵈ or 3ʳᵈ week of Aug. 2021, in virtual mode.

Sub. No. 215: Any other subject/s with the permission of the chair.

Sri. N.R. Panditharadhya opined that in order to improve SSI units, faculty of RVCE to provide training to the SSI units. The Member Secretary informed that, already RVCE faculty are involved in providing training to such sectors under MSME Skill Development Programme.

Prof. Narasimhalu suggested that RVCE should look at establishing its own Life Long Service Centre for Skill Development Activities.

The meeting concluded with thanks to the chair.

Member Secretary 13/7/21

PRINCIPAL
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Chairperson

Dr. M.K. Panduranga Setty
Chairman
Governing Body