

**Minutes of the 8th Meeting of Academic Council held on 26th April 2022 (Tuesday)
at 11:00 am in Online Mode**

Members present:

1. Dr. S V Kota Reddy, Vice-Chancellor and Chairperson Academic Council, VIT-AP University
2. Dr. M V Kartikeyan, Professor & Dean Faculty Affairs, IIT Tirupati
3. Dr. Shanmugam, Dean Academics, NIT Trichy
3. Dr. Venkatesh Balasubramanian, Professor, IIT Madras
4. Mr. M V Ramana Murthy, Director & Head, Ericsson R&D, Bangalore
5. Dr. Sandhya Chintala, Vice President, NASSCOM
6. Dr. Anthony Xavier, Dean Academics, VIT Vellore
7. Dr. M Jagadish Chandra Mudiganti, Dean Academics, VIT-AP
8. Dr. Ravindra Dhuli, Dean Academic Research, VIT-AP
9. Dr. Ch. Deepak, Controller of Examinations, VIT-AP
10. Dr. S.V. Sudha, Chairperson BoS, SCOPE, VIT-AP
11. Dr. Umakanta Nanda, Chairperson BoS, SENSE, VIT-AP
12. Dr. P S Rama Sreekanth, Chairperson BoS, SMEC, VIT-AP
13. Dr. Raghavendra Acharya, Chairperson BoS, VSB, VIT-AP
14. Dr. Benarji Chakka, Chairperson BoS, VSL, VIT-AP
15. Dr. Santanu Mandal, Chairperson BoS, SAS, VIT-AP
16. Dr. Rajneesh Mishra, Chairperson BoS, VISH, VIT-AP
17. Dr. Lakshmi Sowjanya Pali, HoD, Dept. of Physics, VIT-AP
18. Dr. Paramasivam R, HoD, Dept. of Chemistry, VIT-AP
19. Dr. C L V Siva Kumar, Registrar, VIT-AP University

The meeting started at 11:00 am.

The Vice Chancellor and Chairperson, VIT-AP University welcomed all the members of the Academic Council. The chairperson informed the council about the new developments and initiatives taken. He informed the members about the current and upcoming infrastructure facilities that are provided to cater to students, faculty and research scholars.

The Founder and Chancellor, Dr. G Viswanathan, addressed the members and stressed the importance of providing quality higher education to aspiring students. He emphasized the importance of communication skills and how all graduates should be articulate in putting forth their ideas in convincing way. He also stressed that faculty and students should be thorough in English language skills.

The agenda items were taken up after the welcome address.

8.1 Dr. M. Jagadish Chandra, Dean, Academics, moved the following for approval:

1. Ratification of the minutes and proceedings of 7th Academic Council meeting and action taken report

Decision: Approved

8.2 Dr. Ch Deepak, Controller of Examinations, moved the following for approval:

1. Proposal for a new 'N' grade for incomplete course

Decision: Approved

8.3 Dr. Sudha S V, Dean SCOPE & Chairperson BoS CSE, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
CSE2006	Computer Graphics	3.0	3	2	4	Revision
CSE2007	Database Management Systems	2.0	3	2	4	Revision
CSE4006	Deep Learning	3.0	3	2	4	Revision
CSE4037	Reinforcement Learning	2.0	3	2	4	Revision
CSE3015	Natural Language Processing	2.0	3	2	4	Revision
CSExxxx	Design and Analysis of Algorithms(CSBS)	1.0	3	2	4	New
CSExxxx	Compiler Design (CSBS)	1.0	3	2	4	New
CSExxxx	Computer Networks (CSBS)	1.0	3	2	4	New
CSExxxx	Information Security (CSBS)	1.0	3	2	4	New
CSExxxx	Artificial Intelligence (CSBS)	1.0	3	2	4	New
CSE2017	Operating Systems (CSBS)	1.0	3	2	4	Ratification
CSE2018	Database Management Systems (CSBS)	1.0	3	2	4	Ratification
CSE3014	Software Design with UML (CSBS)	1.0	2	2	3	Ratification
CSE3021	Design Thinking (CSBS)	1.0	3	0	3	Ratification
CSExxxx	Introduction to Edge Computing	1.0	3	0	3	New
CSExxxx	Introduction to Geographical Information Systems	1.0	3	0	3	New
CSExxxx	IoTSecurity	1.0	3	2	4	New
CSExxxx	Introduction to Database Management Systems(B.Sc Data Science)	1.0	3	2	4	New
CSExxxx	Introduction to Object Oriented Programming (B.Sc Data Science)	1.0	3	2	4	New
CSExxxx	Big Data Analytics using NoSQL (M.Sc Data Science)	1.0	3	2	4	New
CSExxxx	Machine Learning	1.0	3	2	4	New
CSExxxx	Cryptology	1.0	3	0	3	New
CSExxxx	Fundamentals of Cloud Application Development	1.0	3	0	3	New
CSExxxx	Introduction to IoT	1.0	3	0	3	New
CSExxxx	Robotics and Embedded Systems	1.0	2	2	3	New
CSExxxx	Data Mining and Analytics	1.0	2	2	3	New
CSExxxx	Cognitive Science & Analytics	1.0	3	2	4	New
CSExxxx	Advanced Text and Social Media Analytics	1.0	3	2	4	New
CSExxxx	IT Project Management	1.0	2	2	3	New

Decision: Approved

8.4 Dr. Umakanta Nanda, Dean SENSE & Chairperson BoS ECE, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
ECE2010	Digital System Design with FPGAs	2.1	3	2	4	Revision
ECE2001	Analog Devices and Circuits	1.2	3	2	4	Revision
ECE3008	Neural Networks and Fuzzy Systems	2.0	4	0	4	Revision
ECE5001	FPGA Architecture and Programming	1.1	3	2	4	Revision
ECE6005	System-on-Chip Architecture Design	1.1	3	2	4	Revision
ECExxx	Signal Acquisition and Conditioning	1.0	3	2	4	New
ECExxx	Embedded Robotic Programming	1.0	3	2	4	New

Decision: Approved

8.5 Dr. P S Rama Sreekanth, Dean SMEC & Chairperson Bos MECH, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
MEC2002	Thermodynamics	2.0	4	0	4	Revision
MEC2004	Fluid Mechanics	2.0	3	2	4	Revision
MEC3004	Machine Design	3.0	3	2	4	Revision
MEC4008	Automobile Engineering	3.0	3	2	4	Revision
MECxxx	Thermal Engineering Systems	1.0	3	2	4	New
MECxxx	Non-Traditional Machining Processes	1.0	4	0	4	New
MECxxx	Casting & Welding Technology	1.0	4	0	4	New
MECxxx	Computer Aided Design and Manufacturing	1.0	3	2	4	New
MECxxx	Robot Dynamics	1.0	4	0	4	New
MECxxx	Robot Kinematics	1.0	4	0	4	New
MECxxx	Robot Programming	1.0	3	2	4	New
MECxxx	Vehicle Dynamics	1.0	4	0	4	New
MECxxx	Machining Processes and Workshop Technology	1.0	3	2	4	New

Decision: Approved

8.6 Dr. Santanu Mandal, Dean SAS & Chairperson of BoS Mathematics, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
MATxxx	Optimization Methods for Data Science	1.0	3	2	4	New
MATxxx	Python Programming	1.0	3	2	4	New
MATxxx	Stochastic Processes	1.0	4	0	4	New
MATxxx	Transforms and Applications	1.0	4	0	4	New
MATxxx	Multivariate Data Analysis	1.0	4	0	4	New
MATxxx	Statistical Methods for Bioinformatics	1.0	3	2	4	New
MATxxx	Computational Linear Algebra: Learning from Data	1.0	3	2	4	New

MATxxx	Introduction to Operations Research and Applications	1.0	4	0	4	New
MATxxx	Transforms and Wavelets	1.0	4	0	4	New
MATxxx	Financial Mathematics	1.0	4	0	4	New
MATxxx	Nonlinear Dynamics and Chaos	1.0	4	0	4	New
MAT1001	Calculus for Engineers	2.0	3	2	4	Revision
MAT1002	Applications of Differential and Difference Equations	2.0	4	0	4	Revision

Decision: Approved

8.7 Dr. Raghavendra, Asso. Dean VSB & Chairperson BoS Management programmes, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
MGT1023	Fundamentals of Human Resource Management	1.0	3	0	3	New
MGT1036	Introduction to Macroeconomics	1.0	3	0	3	New
MGT2003	Fundamentals of Business Analytics	1.0	3	0	3	New
MGT2006	Fundamentals of Financial Management	1.0	3	0	3	New
MGT2014	Fundamentals of Marketing Management	1.0	3	0	3	New
MGT2016	Essentials of Marketing Management	1.0	4	0	4	New
MGT2017	Banking and Insurance Products	1.0	3	0	3	New
MGT2019	Introduction to Business Environment	1.0	4	0	4	New
MGT2020	Introduction to Cross Cultural Management	1.0	3	0	3	New
HUM1004	Indian Economy and Development Economics	1.0	4	0	4	New
MGT2018	Introduction to Management Accounting	1.0	3	0	3	New
MGT2013	Fundamentals of Strategic Management	1.0	3	2	4	New
MGT1033	Marketing Research and Marketing Management	1.0	2	0	2	New
MGT3002	Operation Research	1.0	2	2	3	New
MGT1108	Financial Accounting	1.0	3	2	4	New
MGT3202	Consumer Behavior	1.0	3	0	3	New
MGT3610	Project Management	1.0	3	0	3	New
MGT1119	Business Practice – I	1.0				New
MGT1112	Principles of Financial Accounting	1.0	3	2	4	New
MGT2110	Business Environment	1.0	4	0	4	New
MGT1117	Principles of Indian Economy and Development Economics	1.0	4	0	4	New
MGTxxx	Fundamentals of Management	1.0	2	0	2	New
MGTxxx	Computational Finance and Modelling	1.0	3	0	3	New
MGTxxx	Business Strategy	1.0	2	0	2	New
MGTxxx	Workshop – Corporate Readiness	1.0	0	0	2	New
MGTxxx	Workshop – Corporate Presence	1.0	0	0	2	New
MGTxxx	Essentials Lean Start-up Management	1.0	3	0	3	New
MGT2106	Organizational Behavior	1.1	4	0	4	Revision
MGT1001	Ethics and Values	2.0	P/F			Revision

Decision: Approved

8.8 Dr. Banerji Chakka, Dean VSL & Chairperson BoS Law Programmes, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
LAW 1103	Political Theory	1.0	4	0	4	New
LAW2101	Constitutional Law, Preamble, Citizenship, Fundamental Rights and DPSP	1.0	4	0	4	Ratification
LAW 2102	Law of Crimes	1.0	4	0	4	Ratification
LAW2103	Law Relating to Marriage, Divorce and Maintenance	1.0	4	0	4	Ratification
LAW 2104	International Relations	1.0	4	0	4	New
LAW 2105	Constitutional Law, Forms of Government and Centre State Relations	1.0	4	0	4	Ratification
LAW 2106	Law of Succession, Adoption and Guardianship	1.0	4	0	4	Ratification
LAW 2107	Property Law	1.0	4	0	4	Ratification
LAW 2102	Jurisprudence	1.0	4	0	4	Ratification
LAW 2109	Public International Law	1.0	4	0	4	Ratification
LAW2100	Research Methods	1.0	2	0	2	Ratification
LAWxxx	Administrative Law	1.0	4	0	4	Ratification
LAWxxx	Company Law	1.0	4	0	4	Ratification
LAWxxx	Intellectual Property Law	1.0	4	0	4	Ratification
LAWxxx	Interpretation of Statutes	1.0	4	0	4	Ratification
LAWxxx	Criminal Procedure Code, Probation of Offenders Act and Juvenile Justice Act	1.0	4	0	4	Ratification
LAW1109	Fundamentals of Mercantile Law	1.0	3	0	3	Ratification
LAWxxx	Business Law	1.0	4	0	4	New
LAWxxx	Competition Law	1.0	4	0	4	New
LAWxxx	Cyber Law	1.0	4	0	4	New
LAWxxx	Data Protection and Privacy Law	1.0	4	0	4	New
LAWxxx	Intellectual Property Rights	1.0	4	0	4	New

Decision: Approved

8.9 Dr. Rajneesh Mishra, Dean VISH & Chairperson BoS Social Sciences & Humanities, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
HUM1104	Exploration of Social Inequalities	1.0	3	1	4	Ratification
HUNxxx	Contemporary Sociological Issues in Complex Societies	1.0	3	1	4	New
HUM1105	Introduction to Political Theory	1.0	4	0	4	Ratification
HUM1106	Public Administration	1.0	4	0	4	Ratification
FRL2002	Introduction to International Relations	1.0	4	0	4	Ratification
HUMxxx	Politics and Philosophy in India	1.0	4	0	4	New
HUMxxx	Political Economy and Development	1.0	4	0	4	New
HUMxxx	Politics of Globalisation	1.0	4	0	4	New
LIB1009	Essence of Indian Traditional Knowledge	1.0	1	0	0	Ratification
INL1001	Functional Hindi for Non - Hindi Speakers	1.0	2	0	2	Ratification
INLxxx	Foundations of Hindi Language	1.0	2	0	2	New

INLxxx	Introduction to Hindi Language and Literature	1.0	2	0	2	New
FRL1004	Basic Spanish	1.1	2	0	2	Revised
FRL2002	Proficiency in Spanish	1.1	2	0	2	Revised

Decision: Approved

8.10 Dr. Lakshmi Sowjanya Pali, HoD, Dept. of Physics, moved the following for approval:

Course Code	Course Title	Ver.	T	P	C	New/ Revision
PHYxxx	Applied Magnetism	1.0	3	0	3	New
PHYxxx	Applied Optics	1.0	3	0	3	New
PHYxxx	Digital Electronics and Linear Integrated Circuits	1.0	3	2	4	New
PHYxxx	Fundamentals of Vacuum Science and Thin Film Technology	1.0	3	0	3	New
PHYxxx	Magnetoelectric Polymer Composites and their Applications	1.0	3	0	3	New
PHYxxx	Nano Materials and Packaging Techniques	1.0	3	0	3	New
PHYxxx	Optical Fibers	1.0	3	0	3	New
PHYxxx	Concepts of Nanotechnology and Applications	1.0	4	0	4	New
PHYxxx	Materials Characterization Techniques	1.0	3	2	4	New
PHYxxx	Solar Photovoltaics Technologies	1.0	3	2	4	New

Decision: Approved

The general observations and recommendations were provided by the external members following the presentations by the Schools. The salient points of the discussions are given below,

1. N grade should be awarded to the courses for the student who missed the exams due lack of attendance, serious health issues, death in family, involved in malpractice etc.
2. BoS should have members from industries with which MoUs are established. Syllabi should be review by the industry experts
3. Experimentation in the lab courses should be increased and Bloom's Taxonomy to be followed starting from preparation of syllabi to examinations and grading

The meeting ended at 01:00 pm after vote of thanks by the Registrar.

Dr. S V Kota Reddy
Chairman, Academic Council & Vice Chancellor VIT-AP University