VIT-AP UNIVERSITY

Minutes of the
16th Meeting of the Academic Council
held on
21st September 2026



Minutes of the 16th Meeting of Academic Council held

on 21st September 2026 (Monday)

at 11:00 am to 12:30 pm in Blended Mode

Venue: Board Room, First Floor, Sarvepalli Radhakrishna Block

Members Present:

S. No	Member Name	Designation	Role
1	Dr. P Arulmozhivarman	Vice-Chancellor (i/c), VIT-AP	Chairman
2	Dr. C Krishna Mohan	Professor, IIT Hyd	External Member
3	Dr. T K Radhakrishnan	Professor, NIT Trichy	External Member
4	Dr. N C Shiva Prakash	Professor (Retd), IISc Bengaluru	External Member
5	Mr. Karthikeyan Natarajan	Executive Director & CEO, Cyient, Hyd	External Member
6	Mr. Kalyan Muppaneni	Founder & CEO, Pi DATACENTERS, Hyd	External Member
7	Dr. Anthony Xavior	Dean Academics, VIT-Vellore	External Member
8	Dr. Jagadish Chandra M	Registrar, VIT-AP	Member Secretary
9	Dr. N Madhusudhana Rao	Dean Academics, VIT AP	Internal Member
10	Dr. M Venkata Rajanikanth	Dean Academic Research, VIT AP	Internal Member
11	Dr. Venkatrajam Marka	Controller of Examinations, VIT-AP	Internal Member
12	Dr. Sudhakar Ilango	Chairperson BoS, SCOPE, VIT- AP	Internal Member
13	Dr. Y V Pavan Kumar	Chairperson BoS, SENSE, VIT-AP	Internal Member
14	Dr. Dilipkumar Mohanthy	Chairperson BoS, SMEC, VIT-AP	Internal Member
15	Dr. Arunkumar Siva Kumar	Chairperson BoS, VSB, VIT-AP	Internal Member
16	Dr. Benarji Chakka	Chairperson BoS, VSL, VIT-AP	Internal Member
17	Dr. S Srinivas	Chairperson BoS, SAS, VIT-AP	Internal Member
18	Dr. Priyanka Ghosh	Chairperson BoS VISH, VIT-AP	Internal Member
19	Dr. Jayasankari Senthilganesh	Chairperson BoS SBST, VIT-AP	Internal Member
20	Dr. Hari Seetha	Professor HAG, SCOPE, VIT-AP	Internal Member
21	Dr. Triveni Rajashekhar Mandlimath	Assistant Professor Sr. Grade-2, Dept. of Chemistry, SAS, VIT-AP	Internal Member
22	Mr. K. Sandeep Rao 2018 Batch	Embedded Software Engineer, Visteon Technical and Service Centre, Chennai	Alumni Member

S. No	Member Name	Designation	Role
23	Ms. Kothamasu Pranathi (23BCB7014)	B. Tech Computer Science & Business Systems, 2023 batch.	Student Member

Member Absent:

S. No	Member Name	Designation	Role
1	Mr. Karthikeyan Natarajan	Executive Director & CEO, Cyient, Hyd	External Member
2	Dr. Subba Rao Pavuluri	Chairman & Managing Director, Ananth Technologies Limited (ATL), Hyd	External Member
3	Dr. Lokesh Boregowda	Director, R&D, Samsung, SRIB, Bengaluru	External Member

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.

The agenda items were taken up after the welcome address.

16.1 Academics: Dr. *Madhusudhana Rao N, Dean, Academics, moved the following for approval:*

16.1.1 Ratification of Minutes and Proceedings of 15th Academic Council Meeting and Action Taken Report

Decision: ***Approved***

16.1.2 To consider and approve the list of Graduates for the Award of Undergraduate, Postgraduate and Doctoral Degrees

Eligible Graduands for the award of UG, PG and Research degrees:	
Number of Graduands (Minimum time period):	3713
Number of Graduands (After the minimum time period):	78
Ph.D.:	86
Total Graduands	**3877**

Decision: ***Approved***

16.1.3 Request for approval to grant an additional one-year extension to students who have completed N+3 years, due to major medical reasons. (Regd. Nos.: 18BEC7077 and 18MIS7264)

- Approval for Award of Degree for Mr. Nukala Bharath Chandra (18BEC7077)

- Approval of Extension for a Period of Six Months (AY 2026-27) for Mr. Shaik Jilani (18MIS7264)– Medical Grounds

Decision: ***Approved***

16.1.4 Request for approval of the new SWAYAM course titled "The Art of Living: Mind Management and Life Skills" and its credit claim under the University Elective (UE) basket

Course Code	Course Title	Credits
ONLXXXX	The Art of Living Mind Management & Life Skills (Yes!+)	2

Decision: ***Approved***

16.1.5 Request for Approval to increase the Credit Claim Limit through Online Courses: NPTEL/SWAYAM Courses

Current Provision (06 Credits)	Proposed Provision (20 Credits)
Maximum of 06 credits can be claimed under Programme Elective (PE) and University Elective (UE).	Up to a maximum of 20 credits under the Programme Elective (PE) and University Elective (UE) categories
	However, under the PE Basket, students may claim a maximum of 10 credits.

Decision: ***Approved***

16.1.6 Request for approval for conditions of Better CGPA criteria.

Decision: ***Approved***

16.1.7 Request for approval to consider Minor/Honours credits under the University Elective (UE) basket for stud`ents withdrawing from the Minor/Honours programme.

Decision: Approved

16.1.8 Approval for the Introduction of New Clubs and Chapters under the Student Welfare Department

Technical Clubs:

1. Python Automation Club (P.A.C.)
2. Quantum Frontier Club
3. Geospatial Intelligence Club
4. Sci Space Research Club

Non-technical Clubs:

1. Srujana- Creative Club
2. Pot- O- Mania
3. N.E.O.M.E (Network for Expression, Openness & Meaningful Engagement)
4. Accounting & Finance Club (AFC) Where Numbers Meet Strategy
5. Vinyasa - Digital Design Club (Aligning Design with Marketing & Social Impact)
6. Bizzdom

7. Istoria
8. Tarangini
9. Unbound
10. Marketrix: The Marketing Innovation Club

Regional Clubs:

1. Appdu Gujarat

Chapters:

1. IEEE Aerospace and Electronic Systems Society (AESS) Student Chapter

Decision: ***Approved***

16.2 Academic Research*: Dr. M Venkata Rajanikanth, Dean Research, moved the following for approval:*

16.2.1 Request for approval of the list of eligible PhD Graduands for the annual convocation of 2026.

Decision: ***Approved***

16.2.2 Request for approval of the Award of PhD Degree to Scholars who have exceeded the maximum period of six years.

S. No	Reg No	Name	School	Date of Final VIVA
1	17PHD7016	Mr. Bodigiri Sai Gopinadh	SAS	09 September 2026
2	18PHD7022	Ms. Miriyala Geetha Pratyusha	SENSE	26 February 2026
3	18PHD7032	Mr. Sidhireddy Srinivas	SAS	05 July 2026
4	19PHD7013	Ms. More Rohini Baliram	SAS	09 September 2026
5	19PHD7028	Ms. Ramadevi Maddineni	SENSE	08 May 2026

Decision: ***Approved***

16.2.3 Request for approval to initiate PhD programmes in Biosciences & Technology.
Proposed areas for regular PhD admissions via VITREE December 2026:

- Molecular biology
- Bioprocess engineering
- Nanobiotechnology
- Microbiology

Decision: ***Approved***

16.3 School of Electronics Engineering*: Dr. Y. V. Pavan Kumar, Chairperson BoS, SENSE, moved the following for approval:*

16.3.1 Revised/New curricula for the B.Tech 2026-27 admitted students in various programmes.

- Revised curricula for the existing programmes - B.Tech ECE, B.Tech ECE (VLSI), B.Tech ECE (ES)
- New Curricula for the new programmes - B.Tech ECM, B.Tech EEE

Programme Credit Structure	Credits	Number of Courses
University Core Courses	80	approx. 23 courses
Programme Core Courses	40	approx. 10 courses
Programme Elective Courses	20	approx. 5 out of 11-15
University Elective Courses	20	approx. 5 out of many
Total Credit Requirement	**160**	approx. 43 courses

Curriculum Up to 2025-26 Batch

Programme	University Core Courses	University Elective Courses	Programme Core Courses	Programme Elective Courses
B.Tech ECE	Same	Same	Same	Different with a major combination of VLSI & ES PE courses
B.Tech ECE (VLSI)				Different - has some ECE PE courses
B.Tech (ES)				Different - has some ECE PE courses

Proposed Change in the Curriculum From 2026-27 Batch Onwards:

Programme	University Core Courses	University Elective Courses	Programme Core Courses		Programme Elective Courses
			80% (8 courses)	20% (2 courses)	
B.Tech ECE	Same	Same	**Same**	**Different**	**Majorly Different**
B.Tech ECE (VLSI)				**Different**	**Majorly Different**
B.Tech (ES)				**Different**	**Majorly Different**

Decision: ***Approved***

16.3.2 New/revised syllabi for first-semester courses.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
ECE1001	Fundamentals of Electrical Engineering	3.0	3	2	4	Revised -Major	B.Tech ECE B.Tech ECE (VLSI) B.Tech ECE (ES) B.Tech ECM
EEExxxx	Fundamentals of Circuit Theory	1.0	3	2	4	New	B.Tech EEE

Decision: ***Approved***

16.3.3 **New NPTEL courses** for advanced learning applicable for various B. Tech programmes

- NPTEL courses for B. Tech ECE and various specializations
  (Major/Minor in ECE (For SENSE/SCOPE/SMEC Students)

Course Code	Course Title	C	Prerequisite's	Offered to
ONLXXX	Real-Time Digital Signal Processing	3	ECE2005	B.Tech ECE

Course Code	Course Title	C	Prerequisite's	Offered to
ONLXXX	Cryogenic Electronics for Quantum Computing	3	PHY1002	B.Tech ECE, B.Tech ECE (VLSI), B.Tech ECE (ES)
ONLXXX	Fiber Optic Communication Technology	3	ECE2006	B.Tech ECE
ONLXXX	5G Wireless Standard Design	3	ECE4002	B.Tech ECE
ONLXXX	Signal Processing for mm Wave Communication for 5G and Beyond	3	ECE4002	B.Tech ECE
ONLXXX	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	2	ECE1010 & ECE2006	B.Tech ECE
ONLXXX	Electronic Modules for Industrial Applications using Op-Amps	2	ECE3001/ ECE1002	B.Tech ECE, B.Tech ECE (VLSI)
ONLXXX	Linear Algebra for Machine Learning and Quantum Computing	1	MAT1001	B.Tech ECE, B.Tech ECE (VLSI), B.Tech ECE (ES)
ONL2074	VLSI Physical Design with Timing Analysis	3	ECE1003	B.Tech ECE (VLSI)
ONL3059	Memory Device Technology for AI/ML Computing	3	PHY1002 & ECE1002/ ECE1001	B.Tech ECE (VLSI)
ONL4042	FPGA Based Signal Processing Systems	3	ECE1003 & ECE2007	B.Tech ECE (VLSI)
ONLXXX	VLSI Design Flow: RTL to GDS	3	ECE1003	B.Tech ECE (VLSI)
ONLXXX	Fundamentals of Nano and Quantum Photonics	3	PHY1002	B.Tech ECE (VLSI)
ONL4043	Embedded Sensing, Actuation and Interfacing Systems	3	ECE2009	B.Tech ECE (ES)
ONL3039	GPU Architectures and Programming	3	ECE2002	B.Tech ECE (ES)
ONL3050	Introduction to Embedded System Design	3	ECE2014	B.Tech ECE (ES)
ONL3027	Introduction to Industry 4.0 and Industrial Internet of Things	3	ECE4007	B.Tech ECE (ES)
ONLXXX	Introduction to Application of Artificial Intelligence to Robotics	3	ECE4011	B.Tech ECE (ES)
ONLXXX	Electronic Modules for Industrial Applications using Op-Amps	2	ECE3001/ ECE1002	B.Tech ECE (ES)

Decision: ***Approved***

16.3.4 **New Courses** for Quantum Technologies Minor Programme/ PE of SENSE programmes

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
QT03	Introduction to Quantum Communication and Cryptography	1.0	3	0	3	New	Minor in Quantum

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
QT04	Introduction to Quantum Measurement and Sensing	1.0	3	0	3	New	Minor in Quantum
ECExxxx	Fundamentals of Quantum Technologies and Applications	1.0	3	2	4	New	B.Tech (ECE, ECE(VLSI), ECE(ES), ECM, EEE)

Decision: ***Approved***

16.3.5 **Revised Syllabi** of the Courses offered to B. Tech Mechanical Engineering and Specializations.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
ECE1008	Sensors and Control Systems	2.1	3	2	4	Revised	B.Tech MECH & Specializations
ECE4004	Automotive Electrical and Electronic Systems	2.1	4	0	4	Revised	B.Tech MECH & Specializations

Decision: ***Approved***

16.4 School of Computer Science and Engineering: ***Dr. Sudhakar Ilango, Chairperson BoS, SCOPE, moved the following for approval:***

16.4.1 Updated Global Industrial Certification Courses (INC) offered through CDC office.

Decision: ***Approved***

16.4.2 Updated and New NPTEL Courses

Decision: ***Approved***

16.4.3 **New syllabi** of the following courses offered to two years M. Tech CSE programme

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
TECXXXX	Technical Report Writing	1.0	1	4	3	New	M.Tech CSE
CSEXXXX	Data Structures and Analysis of Algorithm	1.0	3	2	4	New	M.Tech CSE
CSEXXXX	Operating Systems	1.0	3	2	4	New	M.Tech CSE
CSEXXXX	Computer Architecture	1.0	3	2	4	New	M.Tech CSE

Decision: ***Approved***

16.4.4 **Revised Syllabi** of the following courses offered to B. Tech CSE Programme

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3004	Design and Analysis of Algorithms	2.0	3	2	4	Revised-Major	B.Tech CSE

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE2008	Operating systems	2.0	3	2	4	Revised-Major	B.Tech CSE
CSE1022	Introduction to Programming	2.1	3	2	4	Revised-Minor	B.Tech CSE
CSE2001	Data Structures and Algorithms	1.3	3	2	4	Revised-Minor	B.Tech CSE
CSE2007	Database Management Systems	2.2	3	2	4	Revised-Minor	B.Tech CSE
CSE4004	Web Technologies	5.0	3	2	4	Revised-Major	B.Tech CSE
CSE2005	Object oriented programming using Java	4.2	3	2	4	Revised-Minor	B.Tech CSE

Decision: ***Approved***

16.4.5 **Revised Syllabi** of the following courses offered to B. Tech CSE and Specialization in Data Analytics as Programme Elective.

Course code	Course Title	Ver	T	P	C	Syllabi Type	Offered to
CSE3006	Data Visualization	1.1	3	2	4	Revised-Minor	B.Tech CSE and Specialization in Data Analytics
CSE4005	Data Warehousing and data mining	1.2	3	2	4	Revised-Minor	
CSE4040	Mining Massive Data Sets	1.1	3	2	4	Revised-Minor	
CSE4041	Applications of Data Analytics	1.1	3	2	4	CO-PO mapping revised	

Decision: ***Approved***

16.4.6 **Revised Syllabus** of the following course offered to B. Tech CSE and Specialization in Blockchain as Programme Elective.

Course code	Course Title	Ver	T	P	C	Syllabus Type	Offered to
CSE3035	Blockchain and Distributed Ledger Technology	2.0	3	2	4	Revised-Major	B. Tech CSE and Specialization in Blockchain

Decision: ***Approved***

16.4.7 **Revised Syllabus** of the following course offered to B. Tech CSE and Specialization in Software Engineering as Programme Elective.

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE2026	Object Oriented Analysis and Design	2.0	3	2	4	Revised-Major	B. Tech CSE and Specialization in Software Engineering

Decision: ***Approved***

16.4.8 **New Syllabus** of the following course offered to B. Tech CSE and Specialization in Software Engineering as Programme Elective

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE31XX	DevOps Engineering	1.0	3	2	4	New	B. Tech CSE and Specialization in Software Engineering

Decision: ***Approved***

16.4.9 **Revised Syllabi** of the following courses offered to B. Tech CSE and Specialization in Software Engineering, Int. MTSE and Int. MTCSE as Programme Electives

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE2009	Soft Computing	1.2	3	2	4	Revised-Minor	B. Tech CSE and Specialization in Software Engineering, Int. M.Tech – CSE & SE
CSE3001	Agile Development Process	2.1	3	2	4	Revised-Minor	

Decision: ***Approved***

16.4.10 **Revised Syllabi** of the following courses offered to B. Tech CSE and Specialization in Data Analytics, Int. MTSE and Int. MTCSE as Programme Electives

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3009	NoSQL Databases	3.0	3	2	4	Revised-Major	B. Tech CSE and Specialization in Data Analytics, Int. M.Tech – CSE & SE
CSE4016	Database Administration	2.0	3	2	4	Revised-Major	

Decision: ***Approved***

16.4.11 **Revised Syllabus** of the following course offered to Int. MTSE, Int. MTCSE and **B. Tech CSE** as Programme Elective.

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE4011	Internet of Things	1.1	3	2	4	Revised-Minor	Int. MTSE, Int. MTCSE and B. Tech CSE

Decision: ***Approved***

16.4.12 **Revised Syllabi** of the following courses offered to B. Tech CSE and Specialization in Artificial Intelligence and Machine Learning

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3002	Artificial Intelligence	4.1	3	2	4	Revised-Minor	

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3015	Natural Language Processing	3.2	3	2	4	Revised-Minor	B. Tech CSE and Specialization in Artificial Intelligence and Machine Learning
CSE4006	Deep Learning	4.2	3	2	4	Revised-Minor	
CSE4007	Digital Image Processing	2.0	3	2	4	Revised-Major	
CSE4019	Applications of Artificial Intelligence	3.0	3	2	4	Revised-Major	
CSE4047	Computer Vision	1.3	3	2	4	Revised-Minor	
CSE4050	Generative AI	2.0	3	2	4	Revised-Major	

Decision: ***Approved***

16.4.13 **New Syllabi** of the following courses offered to B. Tech CSE and specialization in Artificial Intelligence and Machine Learning as Programme Elective (2025 batch onwards)

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSEXXXX	Agentic AI	1.0	3	2	4	New	B. Tech CSE and Specialization in Artificial Intelligence and Machine Learning
CSEXXXX	Quantum AI	1.0	3	2	4	New	
CSEXXXX	Quantum ML	1.0	3	2	4	New	

Decision: ***Approved***

16.4.14 **Revised syllabus** of the following course offered to B. Tech CSE and specialization in Software Engineering (SE) programme.

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE2004	Software Design and Architecture	1.0	3	2	4	CO-PO mapping Changed.	B. Tech CSE and specialization in Software Engineering

Decision: ***Approved***

16.4.15 **Revised syllabus** of the following course offered to B. Tech CSE and specialization in Software Engineering (SE), Int. MTCSE and Int. MTSE programmes

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE3019	Software Quality and Reliability	3.0	3	2	4	Revised-Major	B. Tech CSE and specialization in Software Engineering, Int. MTCSE and Int. MTSE

Decision: ***Approved***

16.4.16 **Revised syllabi** of the following courses offered to Int. MTCSE and Int. MTSE programmes

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3020	Product Definition and Validation	2.0	3	0	3	Revised-Major	Int. MTCSE & Int. MTSE
SWE2002	Human-Computer Interaction	1.3	3	0	3	Revised-Minor	
SWE2003	Requirement Engineering and Management	1.2	3	2	4	Revised-Minor	
SWE3005	Principles of Design Patterns	1.1	3	2	4	Revised-Minor	
SWE4005	Storage Technology and Management	1.1	3	0	3	Revised-Minor	

Decision: ***Approved***

16.4.17 **Revised syllabi** of the following courses offered to Int. MTSE programme as Programme Core

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
SWE3002	Software Project Management	1.2	3	2	4	Revised-Minor	Int. MTSE
SWE4002	Software Testing	2.0	3	2	4	Revised-Major	Int. MTSE

Decision: ***Approved***

16.4.18 **Revised syllabi** of the following courses offered to Int. MTCSE and Int. MTSE programmes

Course code	Course Title	Ver	T	P	C	Syllabi Type	Offered to
SWE2001	Data Structures and its Applications	1.5	3	2	4	Revised-Minor	Int. MTCSE & Int. MTSE
SWE1002	Principles of Software Engineering	4.0	4	0	4	Revised-Major	
SWE2006	Database systems	1.1	3	2	4	Revised-Minor	
SWE2007	Introduction Operating Systems	3.0	3	2	4	Revised-Major	
SWE2009	Analysis of Algorithms	2.0	3	2	4	Revised-Major	
SWE3001	Fundamentals of Computer Networks	2.0	3	2	4	Revised-Major	

Decision: ***Approved***

16.4.19 **Revised Syllabus** of the following courses offered to B. Tech CSE and specialization in Cyber Security [PE basket Updation]

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE3003	Computer Network	3.0	3	2	4	Revised-Major	B. Tech CSE and specialization in Cyber Security
CSE2011	Cyber Security and Digital Forensics	2.0	3	2	4	Revised-Major	
CSE3012	Network Security	5.0	3	2	4	Revised-Major	
CSE3040	Incident Response Management System	1.0	3	2	4	CO-PO mapping	
CSE3041	Malware Analysis	1.0	3	2	4	CO-PO mapping	B. Tech CSE and specialization in Cyber Security
CSE4015	Network and System Administration	3.0	3	2	4	Revised-Major	
CSE4043	Intrusion Detection & Prevention System	2.0	3	2	4	Revised-Major	
CSE4048	Vulnerability Assessment and Penetration Testing	1.0	3	2	4	CO-PO mapping	
CSE4031	Web Application Security	2.0	3	2	4	Revised-Major	

Decision: ***Approved***

16.4.20 **New Syllabus** of the following course offered to B. Tech CSE and specializations in Cyber Security and Blockchain [PE basket Updation]

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE3XXX	Introduction to Post-Quantum Cryptography	1.0	3	2	4	New	B. Tech CSE and specializations in Cyber Security and Blockchain

Decision: ***Approved***

16.4.21 **Revised Syllabi** of the following courses offered to B. Tech CSE and specialization in Blockchain [PE basket Updation]

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE1021	Foundations of Blockchain Technology	3.0	3	0	3	Revised-Major	B. Tech CSE and specialization in Blockchain
CSE2024	Blockchain Architecture Design	2.0	3	2	4	Revised-Major	
CSE3013	Secure Group Communications	2.0	3	2	4	CO-PO mapping	

Decision: ***Approved***

16.4.22 **Revised Syllabus** of the following course offered to B. Tech CSE and with all specialization as University Elective (For Placement purposes)

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CSE2025	AWS Solution Architecture	2.0	3	0	3	Revised -Major	B. Tech CSE and all specialization

Decision: ***Approved***

16.4.23 **Revised Syllabi** of the following courses offered to B. Tech CSE and Specialization in Software Engineering, Int. MTSE and Int. MTCSE as Programme Electives

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSE4001	Cloud Computing	2.0	3	2	4	CO-PO mapping	B. Tech CSE and Specialization in Software Engineering, Int. MTSE and Int. MTCSE
CSE4012	UI/UX User Experience Design	1.1	3	2	4	Revised-Minor	

Decision: ***Approved***

16.4.24 **Revised Syllabus** of the following course offered to Int. MTSE and Int. MTCSE as Programme Electives

Course code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
SWE4004	Cloud Computing and its Applications	1.1	3	2	4	CO-PO mapping	Int. MTSE and Int. MTCSE

Decision: ***Approved***

16.4.25 **New and Revised Syllabi** of the following courses offered to B.Sc and B.Sc-M.Sc

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSEXXXX	Data Wrangling and Visualization	1.0	3	2	4	New	B.Sc Applied Statistics and Analytics
CSEXXXX	Java Programming	1.0	3	2	4	New	B.Sc and Dual Degree B.Sc-M.Sc Data Science
CSEXXXX	Advanced Machine Learning	1.0	3	2	4	New	
CSEXXXX	Advanced Database Management systems	1.0	3	2	4	New	
CSEXXXX	Artificial Intelligence for Data Science	1.0	3	2	4	New	
CSEXXXX	Predictive Analytics	1.0	3	0	3	New	
CSEXXXX	Pattern Recognition	1.0	3	0	3	New	
CSEXXXX	Generative AI and Prompt Engineering	1.0	3	0	3	New	
CSEXXXX	Quantum Computing	1.0	3	0	3	New	
CSEXXXX	Agentic AI	1.0	3	0	3	New	

Course code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
CSEXXXX	Graph Neural Networks	1.0	3	0	3	New	
CSEXXXX	Data Virtualization	1.0	3	0	3	New	
CSEXXXX	Reinforcement Learning and its Applications	1.0	3	2	4	New	

Decision: ***Approved***

16.5 School of Mechanical Engineering*: Dr. Dileep Kumar Mohanthy, Chairperson BoS SMEC, moved the following for approval:*

16.5.1 **New Syllabi** of the following courses offered to B. Tech Mechanical and Specializations

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MECXXXX	Electric Vehicles	1.0	3	2	4	New	B.Tech MECH Core, B.Tech MECH (AD)
MECXXXX	Fundamentals of Robotics	1.0	4	0	4	New	B.Tech MECH Core, B.Tech MECH (Robotics)
MECXXXX	Kinematics & Dynamics of Robots	1.0	3	2	4	New	B.Tech MECH Core, B.Tech MECH (Robotics)

Decision: ***Approved***

16.5.2 New NPTEL Courses offered to B. Tech Mechanical and Specializations

Decision: ***Approved***

16.6 VIT-AP School of Business: *Dr. Arunkumar Sivakumar, Chairperson BoS VSB moved the following for approval:*

16.6.1 Approval of the syllabus for Financial Statement Analysis for B.Com (Hons) Finance.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MGT3120	Financial Statement Analysis	2.0	2	2	3	Revised-Major	B.Com (Hons) Finance

Decision: ***Approved***

16.6.2 Syllabus revision of Principles of Financial Accounting BBA LLB.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MGT1112	Principles of Financial Accounting	2.0	3	2	4	Revised-Major	BBA LLB

Decision: ***Approved***

16.6.3 Approval of revision of Corporate Presence workshop in the BBA 2024 curriculum.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MGT2910	Corporate Presence Workshop	2.0	0	8	2	New	BBA

Decision: ***Approved***

16.7 VIT-AP School of Bio Sciences and Technology: ***Dr. Jayasankari Senthilganesh, HoD i/c & Chairperson BoS Biotechnology Programmes, will move the following items for approval:***

16.7.1 Approval of School Vision and Mission (SBST).

Decision: ***Approved***

16.7.2 Approval of curriculum for B.Tech. program to be launched during Academic Year 2026-27.

Decision: ***Approved***

16.7.3 Approval of the Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs).

Decision: ***Approved***

16.7.4 **New Syllabi** of the following courses offered to B.Tech Bio-Technology by School of Biosciences and Technology.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
BBTXXX	Biology	1.0	4	0	4	New	B.Tech Bio-Technology
BBTXXX	Biochemistry	1.0	3	2	4	New	
BBTXXX	Microbiology	1.0	3	2	4	New	
BBTXXX	Cell and Molecular Biology	1.0	3	2	4	New	
BBTXXX	Principles of Chemical Engineering	1.0	3	2	4	New	
BBTXXX	Fundamentals of Bioinformatics	1.0	3	2	4	New	
BBTXXX	Analytical Techniques in Biotechnology	1.0	3	2	4	New	
BBTXXX	Industrial Biotechnology	1.0	4	0	4	New	
BBTXXX	Immunology	1.0	3	2	4	New	

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
BBTXXX	Bioprocess Engineering	1.0	3	2	4	New	
BBTXXX	Genetic Engineering	1.0	3	2	4	New	

Decision: ***Approved***

16.8 School of Social Sciences and Humanities: ***Dr. Priyanka Ghosh, Chairperson BoS VISH, moved the following for approval:***

16.8.1. New Curriculum for B.Sc Psychology (3+1) from 2026 batch onwards

Decision: ***Approved***

16.8.2. New Syllabi of the following Geography Courses offered to B. Tech & BA-MA

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
LIBXXXX	Geography of Tourism	1.0	3	0	3	New	B.Tech
LIBXXXX	Urban Futures: Society and Sustainability	1.0	3	0	3	New	B.Tech
LIBXXXX	World Regional Geography	1.0	4	0	4	New	BA-MA
LIBXXXX	Fundamentals of Cartography	1.0	3	2	4	New	BA-MA
LIBXXXX	Natural Resource Management	1.0	4	0	4	New	BA-MA

Decision: ***Approved***

16.8.3. **Revised Syllabus** of Geography Courses offered to B. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
LIB2003	Geography of Asia and Sub-Saharan Africa	2.0	3	0	3	Revised-Major	B.Tech

Decision: ***Approved***

16.8.4. **New Syllabus** of the following Philosophy Course offered to B. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
LIBXXXX	Philosophy of Gender	1.0	3	0	3	New	B.Tech

Decision: ***Approved***

16.8.5. **Revised Syllabi** of the following Philosophy Courses offered to B. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MGT1001	Ethics and Values	5.0	0	2	2	Revised-Major	B.Tech
LIB2006	Critical Thinking and Formal Logic	2.0	3	0	3	Revised-Major	B.Tech

Decision: ***Approved***

16.8.6. **New Syllabi** of the following Psychology Courses offered to B.Sc Psychology.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
PSYXXXX	Fundamentals of Psychology-I	1.0	3	2	4	New	B.Sc. Psychology
PSYXXXX	Biological Basis of Behaviour	1.0	4	0	4	New	
PSYXXXX	Fundamentals of Psychology-II	1.0	3	2	4	New	
PSYXXXX	Social Psychology	1.0	3	2	4	New	
PSYXXXX	Foundations of Clinical Psychology	1.0	4	0	4	New	
PSYXXXX	Foundations of Counselling Psychology	1.0	4	0	4	New	
PSYXXXX	Research Methodology	1.0	4	0	4	New	BA-MA

Decision: ***Approved***

16.8.7. **Revised Syllabus** of Psychology Course offered to B. Tech

Course Code	Course Title	Compulsory/ Elective	Ver.	T	P	C	Syllabi Type	Offered to
LIB1020	Basic Psychology for Engineers	Elective	1.1	3	0	3	Revised-Minor	B.Tech

Decision: ***Approved***

16.8.8. New Syllabi of History Courses offered to BA-MA

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
LIBXXXX	Economy and Society in Ancient India	1.0	4	0	4	New	BA-MA
LIBXXXX	Ancient and Medieval History of South India	1.0	4	0	4	New	BA-MA
LIBXXXX	Social History of Modern India	1.0	4	0	4	New	BA-MA
LIBXXXX	Contemporary South Asia	1.0	4	0	4	New	BA-MA
LIBXXXX	History of China and Japan	1.0	4	0	4	New	BA-MA

Decision: ***Approved***

16.8.9. New Syllabi of English Course offered to B. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
ENGXXXX	Professional Communication for Engineers	1.0	3	0	3	New	B.Tech

Decision: ***Approved***

16.8.10. **Revised Syllabus** of the following English Course offered to B. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
ENG2013	Cross-cultural Communication Skills for Global Interaction	1.1	3	0	3	Revised-Minor	B.Tech

Decision: ***Approved***

16.8.11. **Revised Syllabus** of the following English Course offered to M. Tech

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
ENG5001	Technical and Research Writing	2.1	1	1	2	Revised-Minor	M.Tech

Decision: ***Approved***

16.9 School of Advanced Sciences: ***Dr. S. Srinivas, Chairperson BoS, School of Advanced Sciences, moved the following for approval*****:**

16.9.1 Curriculum for B.Sc. Applied Statistics and Analytics (New Programme) 2026 onwards

Decision: ***Approved***

16.9.2 Revised Curriculum for B.Sc. Data Science (4 years) 2026 onwards

Decision: ***Approved***

16.9.3 Revised Curriculum for B.Sc.-M. Sc Data Science (4th and 5th years)

Decision: ***Approved***

16.9.4 Revised Curriculum for M. Sc Data Science (2 years) 2026 onwards

Decision: ***Approved***

16.9.5 **New Syllabi** of the following courses offered to B.Sc. Applied Statistics and Analytics

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MATXXXX	Data Analysis using Excel and SPSS	1.0	3	2	4	New	

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MATXXXX	Descriptive Statistics	1.0	4	0	4	New	B.Sc. Applied Statistics and Analytics
MATXXXX	Fundamentals of Probability and Distributions	1.0	4	0	4	New	

Decision: ***Approved***

16.9.6 **New Syllabi** of the following courses offered to B.Tech. Biotechnology (SBST)

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MATXXXX	Foundations of Mathematics	1.0	4	0	4	New	B.Tech. Biotechnology
MATXXXX	Multivariable calculus and Differential Equations	1.0	3	2	4	New	
MATXXXX	Linear Algebra and Dynamical Systems	1.0	4	0	4	New	
MATXXXX	Introduction to Biostatistics	1.0	3	2	4	New	

Decision: ***Approved***

16.9.7 **New Syllabi** of the following courses offered to Dual Degree B.Sc. –M.Sc. Data Science and M. Sc Data Science

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MATXXXX	Vital Statistics and Demography	1.0	4	0	4	New	B.Sc. –M.Sc. and M. Sc Data Science
MATXXXX	Econometrics	1.0	4	0	4	New	
MATXXXX	Mathematical Modelling	1.0	4	0	4	New	
MATXXXX	Design of Experiments	1.0	3	2	4	New	
MATXXXX	Sampling Techniques	1.0	4	0	4	New	

Decision: ***Approved***

16.9.8 **Revised Syllabi** of the following courses offered to Dual Degree B.Sc. –M.Sc. Data Science

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MAT1101	Calculus	2.0	4	0	4	Revision and Title Change	B.Sc. –M.Sc. and M. Sc Data Science
MAT1104	Discrete Mathematics and Its Applications	2.1	4	0	4	Revised-Minor	
MAT2103	Optimization Methods for Data Science	2.0	3	2	4	Revised-Major	

Decision: ***Approved***

16.9.9 **Revised Syllabi** of the following courses offered to B.Tech.

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
MAT2003	Optimization Techniques	1.2	3	2	4	Revised-Minor	B.Tech.
MAT1010	Probability and Statistics	2.0	3	2	4	Revision and Title Change-Major	B.Tech.
MAT2001	Numerical Methods for Engineers	2.0	3	2	4	Revision plus Credits 3 to 4	B.Tech.
MAT2005	Linear Algebra	2.0	4	0	4	Revision plus Credits 3 to 4	B.Tech.

Decision: ***Approved***

16.9.10 **New Syllabus** of the following Physics course offered to BTech Biotechnology

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
PHY1013	Physics for Biologist	1.0	3	2	4	New	B.Tech. Biotechnology

Decision: ***Approved***

16.9.11 **New Syllabus** of the following Physics course offered to BTech ECE/EEE/ECM

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
PHY1012	Physics of Semiconductor Materials and Devices	1.0	3	2	4	New	BTech ECE/EEE/ECM

Decision: ***Approved***

16.9.12 **New Syllabi** of the following courses offered to Minor Programs in Quantum Technology offered to BTech students

Course Code	Course Title	Ver.	T	P	C	Syllabi Type	Offered to
PHYQT00	Elements of Quantum Mechanics and Quantum Computing	1.0	3	2	4	New	B.Tech.
PHYQT01	Quantum Materials and Device Technologies	1.0	3	0	3	New	B.Tech.
PHYQT07	Modern Semiconductor Technologies: Materials, Devices and Manufacturing	1.0	3	0	3	New	B.Tech.

Decision: ***Approved***

16.9.13 **New Syllabus** of the following Course offered to B.Tech. Biotechnology for SBST

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CHYXXXX	Organic Chemistry and Environmental Studies	1.0	3	2	4	New	B.Tech. Biotechnology

Decision: ***Approved***

16.9.14 **Revised Syllabus** of the following course offered to M.Sc. Chemistry

Course Code	Course Title	Ver.	T	P	C	Syllabus Type	Offered to
CHY4212	Computational Chemistry	2.0	4	0	4	Revised-Major	M.Sc.

Decision: ***Approved***

External Members Suggestions and Remarks:

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

- Dr. T. K. Radhakrishnan (Professor, NIT Tiruchirappalli) recommended that the university adopt a structured, school-level mapping of the United Nations Sustainable Development Goals (SDGs) under the Outcome-Based Education (OBE) framework, rather than relying solely on generalized or thesis-level SDG associations.
- Dr. N.C. Shiva Prakash and Dr. TK Radhakrishnan, suggested to get the approval of Board of studies for the award equivalent degree of Mr. Vuyyuru Pavan Reddy (18BCE7249) [N+3 Complete] based on completed courses.

Closing remarks:
Hon'ble Chancellor thanked all the members joined for the meeting. He expressed heartful happiness about increasing strength of students in the campus and improvement in the research publication and patent

Vote of Thanks:
Dr. Jagadeesh Chandra M, thanked to all the external and internal members were giving valuable suggestions.

The meeting ended at 12:30 pm.

Dr. Madhusudhana Rao N
Dean Academics
Dean-Academics
VIT-AP UNIVERSITY
Amaravathi-522 237
Andhra Pradesh, India.

Dr. Jagadish Chandra M
Registrar
REGISTRAR
VIT-AP UNIVERSITY
Amaravati - 522237
Andhra Pradesh, INDIA

Dr. P Arulmozhivarman
Vice Chancellor
Vice-Chancellor
VIT-AP University
Amaravathi-522 237
Andhra Pradesh, INDIA

Geo-Tagged Photos of 16th Academic Council, held on 21-Sep-2026







