VIGNAN'S
Foundation for Science, Technology & Research
(Deemed to be University)
Estd u/s 3 of UGC Act 1956

DEPARTMENT OF ADVANCED COMPUTER SCIENCE & ENGINEERING

CIRCULAR

Date: 31.05.2025

Department of ACSE scheduled Board of Studies (BoS) meeting for the B.Tech Computer Science and Business Systems programme on 31.05.2025 from 10.00AM in blended mode. (Physical meeting: Room No:602, sixth floor, Nagarjuna Block, VFSTR and virtual meeting: https://us06web.zoom.us/j/4576585062?pwd=SRnsYBfDeZNUiuD0RRIpexMa7IPeAh.1&omn=89644676381). All the members are requested to make it convenient to attend the meeting.

S.No	Name of the Member	Designation and Affiliation	Role
1	Dr. Venkatesulu Dondeti	Professor & Addl. Dean, Department of ACSE, VFSTR Deemed to be University Contact : 9840850744 Mail : dean_addl.acse@vignan.ac.in	Chair Person
2	Mr. VS Sai Kumar Somanchi	Data Scientist, TCS Contact : +91 9908512692	External Member
3	Dr. MM Naidu	Professor (Rtd) and former Principal, SVU college of Engineering, Tirupati, Andhra Pradesh Contact : 91 9848348473 Mail : mmnaidu@yahoo.com	External Member
4	Dr. Chalam	Professor (Rtd), Department of Management Acharaya nagarjuna University, Andhra Pradesh Contact : 91 9440613822	Invited Member
5	Dr. MVP Chandra Sekhara Rao	Professor & Head, Department of CSBS & DS RVR & JC college of Engineering, AP Contact : 91 9849403801 Mail : mvpc@rvrjc.ac.in	Invited Member
6	Dr. Deevi Radha Rani	Associate Professor & Head, Department of ACSE, VFSTR Deemed to be University Contact : 91 9676354404 Mail : hod_acse@vignan.ac.in	Internal member

7	Dr. Nirupama Bhat	Professor, Department of ACSE, VFSTR Deemed to be University Contact : 91 99088 23834 Mail : drnnb_acse@vignan.ac.in	Internal Member
8	Dr Arnab De	Asst. Professor, Department of ACSE, VFSTR Deemed to be University Contact: 91 9614547390 Mail : drarnb_acse@vignan.ac.in	Internal Member
9	Mrs. S Radha Rani	Asst. Professor, Department of ACSE, VFSTR Deemed to be University Contact: 91 9493670612 Mail : srr_acse@vignan.ac.in	Internal Member (Nominee – School Dean)
10	Dr. Javed Ahmed Dar	Assistant Professor, Department of ACSE, VFSTR Deemed to be University Contact : 7006157037 Mail : drjad_acse@vignan.ac.in	Internal Member (Nominee – Dean R&D)
11	Mr. DS Bhupal Naik	Asst. Professor, Department of ACSE, VFSTR Deemed to be University Contact : 91 9550367172 Mail : dsbn_acse@vignan.ac.in	Member Secretary

Agenda of the BoS Meeting:

1. Discussions and approval of R25 – C25 B.Tech. Computer Science and Business Systems Program Structure.
2. Discussion on L-T-P structure change or any credit change courses, if any
3. Discussion on addition of additional Department electives, open electives and the fulfillment of pre-requisites for department electives.
4. Approval of SWAYAM/NPTEL courses
5. Approval of L-T-P structure change or any credit change courses, if any
6. Approval of Honor/minor/department elective/open elective courses, if any
7. Any other point with the permission of Chair.

Chairperson

DEPARTMENT OF ADVANCED COMPUTER SCIENCE & ENGINEERING

Date: 31.05.2025

Minutes of Board of Studies Meeting

Board of Studies (BoS) meeting of B.Tech., Computer Science and Business Systems programme was conducted on 31.05.2025 in blended mode from 10.00AM onwards. (Physical meeting : Room No:602, sixth floor, Nagarjuna Block, VFSTR and virtual meeting link : https://us06web.zoom.us/j/4576585062?pwd=SRnsYBfDeZNUiuD0RRIpexMa7IPeAh.1&omn=89644676381).

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5. Approval of L-T-P structure change or any credit change courses, if any
6. Approval of Honor/minor/department elective/open elective courses, if any
7. Any other point with the permission of Chair.

The following members were present either thorough offline or online.

SL.No.	Name and Designation of the member	Position	Mode of Presence/ Signature
1	Dr. Venkatesulu Dondeti Professor & Head, Department of ACSE, VFSTR Deemed to be University	Chair Person	
2	Dr. MM Naidu Professor (Rtd) and former Principal, SVU college of Engineering, Tirupati, AP	External Member	online
3	Mr. VS Sai Kumar Somanchi Data Scientist, TCS Contact : +91 9908512692	External Member	online
4	Dr MVP Chandra Sekhara Rao Professor & Head, Department of CSBS & DS RVR & JC college of Engineering, AP	Invited Member	online
5	Dr. Chalam Professor (Rtd), Department of Management Acharaya Nagarjuna University, AP	Invited Member	online
6	Dr. D Radha Rani	Internal Member	

	Associate Professor & Head, Department of ACSE, VFSTR Deemed to be University Contact : 91 9676354404			
7	Dr. Nirupama Bhat M Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member	online	
8	Dr Arnab De Asst. Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member		
9	Mrs. S Radha Rani Asst. Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – School Dean)		
10	Dr. Javed Ahmed Dar Assistant Professor, Department of ACSE, VFSTR Deemed to be University Contact : 7006157037 Mail : drjad_acse@vignan.ac.in	Internal Member (Nominee – Dean R&D)		
11	Mr. DS Bhupal Naik Asst. Professor, Department of ACSE, VFSTR Deemed to be University	Member Secretary		

Chairperson Dr. Venkatesulu Dondeti, Professor and Additional Dean, Department of ACSE, VFSTR opened the meeting by welcoming the external members, invitees to the internal members. Secretary, Mr. DS Bhupal Naik, Assistant Professor. Department of ACSE, VFSTR presented the B.Tech. Computer Science and Business Systems Program sponsored by TCS program curriculum along with the contents to the board members.

The following points were discussed in the BoS meeting:

1. Discussions and approval of R25 – C25 B.Tech. Computer Science and Business Systems Program Structure.
2. Discussion on L-T-P structure change or any credit change courses, if any
3. Discussion on addition of additional Department electives, open electives and the fulfillment of pre-requisites for department electives.
4. Approval of SWAYAM/NPTEL courses
5. Approval of L-T-P structure change or any credit change courses, if any
6. Approval of Honor/minor/department elective/open elective courses, if any
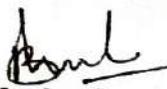7. Any other point with the permission of Chair.

The following resolutions made after the discussion:

1. Secretary, Mr. DS Bhupal Naik has initiated the presentation on Revision of R25 – C25 of B.Tech CSE- CSBS Curriculum. The External Board members expressed their opinion that the overall course structure of the program and the content of the courses are well-designed and are sufficient for the program at under graduate level. They provided a few suggestions to further improve the quality of the existing curriculum.
2. Mr. VS Sai Kumar Somanchi enquired about the procedure for offering an Honors degree to students. The internal BOS members clarified the steps to be followed by students for choosing the Honors degree.

3. Prof. MM Naidu suggested offering an industry-based internship program, either individually or in batches. The board members accepted the suggestion, and the changes were duly incorporated.

4. During the discussion, the external BOS members Mr. Sai Krishna, Dr. MVP Chandra Shekar and Prof. MM Naidu suggested offering a Full-Stack Development course using Python instead of Java. The internal BOS members accepted the suggestion, as the course is intended for developing industry-based projects, and offering it through Python is considered more relevant and fulfills industry needs.

5. BoS Members approved the revised regulations, curriculum structure, syllabus of B.Tech., CSE-CSBS programme and it follows based on the NEP 2020. Curriculum structure is provided in Appendix-I.

6. Major reformation has taken place in the curriculum by offering Honours/Specialization degree or Minor degree through additional 20 more credits with additional courses.

7. In the meeting, the external board members reviewed the program elective courses, Honors courses, and SWAYAM-NPTEL courses chosen by the CSBS students. They expressed their opinion that the overall curriculum and course content are well-designed and adequate for an undergraduate-level program.

Based on the feedback from various stakeholders and suggestions given by the members, the Chairperson of BoS told that, those fruitful suggestions would be incorporated appropriately in the curriculum and syllabi of the regulation R25 – C25 and this will be recommended to the Academic Council of VFSTR for the approval.

There being no further points for discussion, the Chairperson thanks all the external, internal, invited members and announced that the meeting was adjourned.

Member Secretary

Chairperson

Dr. Venkatasulu Dondeti
Additional Dean
Advanced Computer Science & Engineering
VIGNAN'S FOUNDATION
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APPENDIX I
Computer Science and Business Systems: Curriculum Structure

COURSE STRUCTURE – C25

Induction program

Course Title	L	T	P	SL	C	Course category
Orientation program (Induction Program)					1	Binary graded
Total					1	

Pre - semester

Course Title	L	T	P	SL	C	Course category
Mathematics					1	Basic Sciences
English Communication					1	Humanities
Aptitude & Logical Reasoning					1	Humanities
IT Tools					1	Basic Engineering
					1	Binary graded
					1	Binary graded
Total					6	

I Year I Semester

Course Title	L	T	P	SL	C	Course category
Mathematics					4	Basic Sciences
Physics / Chemistry					4	Basic Sciences
Basic of Electrical & Electronics Engineering/ Engineering Graphics					3	Basic Engineering
Programming in C					4	Basic Engineering
English Proficiency & Communication Skills (PET)					1	Humanities
Environmental Studies / Management Studies					3	Basic Sciences / Humanities
					1	Binary graded
					1	Binary graded
					1	Binary graded
Total					**22**	

I Year II Semester

Course Title	L	T	P	SL	C	Course category
Mathematics					4	Basic Sciences
Physics / Chemistry					4	Basic Sciences
Basic of Electrical & Electronics Engineering/Engineering Graphics					3	Basic Engineering
Problem Solving through Python					3	Basic Engineering
Technical English Communication					2	Humanities
Environmental Studies / Management Studies					3	Basic Sciences / Humanities
Cyber security					1	Basic Engineering
					1	Binary graded
					1	Binary graded
					1	Binary graded
					1	Binary graded
Total					**24**	

II Year I Semester

Course Title	L	T	P	SL	C	Course category
Maths (P&S)					4	Basic Sciences
Dept. Specific – Physics / Domain Subject					3	Basic Sciences
Data Structures	2	2	2	2	4	Basic Engineering
Design Thinking and Engineering Orientation					1	Basic Engineering
Database Management Systems	2	2	2	2	4	Professional Core-1
Formal Language and Automata Theory	3	2	0	3	4	Professional Core-2
Digital Logic and Computer Organization	2	2	2	2	4	Professional Core-3
Total					24	

II Year II Semester

Course Title	L	T	P	SL	C	Course category
Dept. Specific – Computational Statistics	2	0	2	2	3	Basic Sciences
Industry – Interface (I^2) Course					1	Dept. Elective-1
NPTEL					3	Open Elective-1
Design and Analysis of Algorithms	2	2	2	2	4	Professional Core-4
Object Oriented Programming	2	0	4	2	4	Professional Core-5
Operating Systems	2	2	2	2	4	Professional Core-6
Software Engineering	2	0	2	2	3	Professional Core-7
					1	Project
Total					23	

III Year I Semester

Course Title	L	T	P	SL	C	Course category
Soft Skills Laboratory					1	Humanities
Quantitative Aptitude & Logical Reasoning					1	Humanities
Human Resource Analytics	2	2	0	2	3	Dept. Elective-2
Full Stack Development	2	0	4	2	4	Professional Core-8
Artificial Intelligence	2	2	2	2	4	Professional Core-9
Business Strategy	3	2	0	2	4	Professional Core-10
Computer Networks	3	0	2	3	4	Professional Core-11
Sub-Total					21	
Honours/Minors (Add-on)					4	Honours/Minors
Total					25	

III Year II Semester

Course Title	L	T	P	SL	C	Course category
Professional Communication Skills					1	Humanities
Big Data Analytics	3	0	2	3	4	Dept. Elective-3
Financial Management	3	0	2	3	4	Dept. Elective-4
					3	Open Elective-2
Machine Learning	2	2	2	2	4	Professional Core-12
Usability Design and Software Applications	2	0	2	2	3	Professional Core-13
					1	Project
Sub-Total					20	
Honours/Minors (Add-on)					4	Honours/Minors
Total					24	

IV Year I Semester

Course Title	L	T	P	SL	C	Course category
Dept. Specific (Professional Ethics)					2	Humanities
Cryptography and Network Security	2	2	2	2	4	Dept. Elective-5
Business Analytics	2	2	2	2	4	Dept. Elective-6
Work-in-Lieu of Course – Research paper publications/patents/presentations/global certifications					4*	Dept. Elective-7
					3	Open Elective-3
Sub-Total					17	
Honours/Minors (Add-on)					4	Honours/Minors
Total					21	

IV Year II Semester

Course Title	L	T	P	SL	C	Course category
Project/Internship					12	Project/Internship
Sub-Total					12	
Honours/Minors (Add-on)					4	Honours/Minors
Total					16	

SL.No	Course Title
1	Business Intelligence & Analytics
2	Data Analytics with Python
3	Advances in Strategic Human Resource Management (HRM)
4	AI in Human Resource Management
5	AI in Marketing
6	AI in Product Management
7	Business analytics and data mining Modeling using R
8	Business Analytics For Management Decision
9	Business Statistics
10	E-Business
11	Financial accounting – IITMandi
12	Power BI
13	Customer Relation Management
14	AI for Investments
15	E-Business

Member Secretary

Chairperson

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