



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

DEPARTMENT OF COMPUTER APPLICATIONS

CIRCULAR

Date: 10.10.2024

The Department of Computer Applications is scheduled to conduct a Board of Studies (BoS) meeting on 19.10.2024 at 2.00 PM in blended mode. The Physical meeting venue is Room No: AFTF-04, Fourth Floor U-Block VFSTR.

All the members are requested to make it convenient to attend the meeting.

Agenda of the BoS Meeting:

1. Review on DAAC meeting minutes
2. Review on proposed R24 MCA Curriculum Structure
3. Proposing course Structure R22 C25 (BCA)
4. Any other points based on the requirements.

Chairperson

HOD
Department of Computer Applications
Vignan's Foundation for Science, Technology & Research
(Deemed to be University)
Vadlamudi-522 213, AP, India.



DEPARTMENT OF COMPUTER APPLICATIONS

Date: 19.10.2024

Minutes of Board of Studies Meeting

The Board of Studies (BoS) meeting was conducted by the Department of Computer Applications on 19.10.2024 from 2.00 PM to 4.00 PM in blended mode. The Physical meeting venue is Room No: AFTF-04, Fourth Floor U-Block VFSTR.







Agenda of the BoS Meeting:

5. Review on DAAC meeting minutes
6. Review on proposed R24 MCA Curriculum Structure
7. Proposing course Structure R22 C25 (BCA)
8. Any other points based on the requirements.

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The following members were present either thorough offline or online.

S.No.	Name & Address of the Expert	Contact Details	Role	Sign
1	Dr. K. Santhi Sri Professor & Head Department of CA VFSTR	Mobile: 9297105269 Mail-id : hodca@vignan.ac.in	Chair Person	
2	Dr. R. B.V. Subramaanyam Professor Department of CSE, NIT Warangal-506004, Telangana.	Mobile: +91 9491346969 Mail-id : rbvs66@gmail.com	External Member (Academic)	Online
3	Dr. B. Premamayudu Associate Professor, Department of Computer Science, Central University of Tamil Nadu, Tiruvarur, Tamil Nadu	Mobile: +91 9440006478 Mail-id : premayudu@gmail.com	External Member (Academic)	Online
4	Dr.P.Anil Assistant Professor Department of CSE, NIT Calicut, Kozhikode, Kerala, India-673601	Mobile: +91 9381455321 Mail-id : anilpinapati@nitc.ac.in	Special Invitee	Online
5	Mrs.G. Hema Vineela Senior Principal Applications Engineer, Oracle, Hyderabad	Mobile: +91 9849040726 Mail-id : hemavineelag@gmail.com	External member (Industry)	Online
6	Dr.Ch.Siva Koteswara Rao Associate Professor, Department of CA VFSTR Deemed to be University	Mobile: 94403 72374 Mail-id: chskr_ca@vignan.ac.in	Nominee of School Dean	
7	Dr.G. Shivakumar Associate Professor Department of CA VFSTR Deemed to be University	Mobile: 8095237427 Mail- id: drsk_ca@vignan.ac.in	Nominee of Dean, R&D	
8	Mrs.R.Naga Sirisha Assistant Professor Department of CA VFSTR Deemed to be University	Mobile: 9494852495 Mail-id : rns_ca@vignan.ac.in	Internal Member	
9	Dr.M.Srikanth Yadav Assistant Professor Department of IT VFSTR Deemed to be University	Mobile:8121827423 Mail-id: drmsk_it@vignan.ac.in	Other Department Member	
10.	Dr. R.S.Padma Priya Associate Professor, Department of CA VFSTR Deemed to be University	Mobile:8056582747 Mail-id : drprps_ca@vignan.ac.in	Member Secretary	

The following resolutions made after the discussion:

1. Suggested to reorder the department electives according to their respective domains to ensure better alignment with specific areas of focus within the curriculum
2. The members suggested to incorporate Deep Learning into core subjects and move cloud computing to electives
3. In the proposed R22 C25 BCA curriculum the members suggested to revise the credits of Quantitative Aptitude and Logical reasoning from 3 credits to 2 credits
4. Recommended to rename Basic Mathematics to Computational Mathematics
5. Proposed to move Organizational behavior to 3-1 and transfer machine learning to 2-2
6. Suggested to include Cyber security and Software Engineering related courses in department electives of BCA R22 C25
7. Recommended to check the possibility of increasing the credits for MCA electives
8. The members approved the following NPTEL courses.

S.No	Course Name
1	Introduction to industry 4.0 and industrial Internet of Things
2	Block chain and its applications
3	Foundations of cryptography
4	An introduction to Artificial Intelligence
5	Programming with modern C++
6	Social Networks

9. Finally, the minutes was forwarded for Academic Council for approval.

There is no further points for deliberation the Chairperson thanked all external and internal members and announced the meeting was adjourned.



Member Secretary



Chairperson

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DEPARTMENT OF COMPUTER APPLICATIONS**APPENDIX I****Proposed C24 MCA Programme: Credit & Curriculum Structure**

I YEAR I SEMESTER						
S.No.	Course code	Course Title	L	T	P	C
1	24MC101	Data Structures	3	-	2	4
2	24MC102	Python Programming	2	2	-	3
3	24MC103	Web Technologies	3	-	2	4
4	24MC104	Computer Organization and Operating Systems	3	2	-	4
5	24MC105	Probability and Statistics	3	-	2	4
6	24MC106	Software Engineering	2	2	-	3
7	24MC107	Technical English Communication	1	-	2	2
		Total	17	6	8	24
			31 hrs			

I YEAR II SEMESTER						
S.No.	Course Code	Course Title	L	T	P	C
1	24MC108	Database Systems	3	-	2	4
2	24MC109	Object Oriented Programming	3	-	2	4
3	24MC110	Computer Networks	2	2	-	3
4	24MC111	Organization Behavior	2	2	-	3
5	24MC112	Soft Skills Laboratory	-	-	2	1
7		Department Elective 1(ML) – AI & ML Department Elective 1(ML) – DS	3	-	2	4
8		Department Elective- 2 (ANN) – AI & ML Department Elective- 2 (Data Analytics) - DS	2	-	2	3
		Total	15	2	10	22
			27 hrs			

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DEPARTMENT OF COMPUTER APPLICATIONS**APPENDIX I**

II YEAR I SEMESTER						
S.No.	Course Code	Course Title	L	T	P	C
1	24MC201	Cryptography and Network Security	3	-	2	4
2	24MC202	Full Stack Technologies	3	-	2	4
3	24MC203	Big Data Analytics	2	2	-	3
	24MC204	SRPUdT	-	-	4	2
4		Department Elective – 3(DL) – AI & ML Department Elective – 3(DL) - DS	3	-	2	4
5		Department Elective – 4(NLP) – AI & ML Department Elective – 4(Social Media Analytics)-DS	2	-	2	3
6		MOOCS/NPTEL/ Dept. Elective	-	-	-	2
		Total	13	2	12	22
			27 hrs			
II YEAR II SEMESTER						
S.No.	Course Code	Course Title	L	T	P	C
1	24MC204/ 24MC205	Internship/ Project	-	2	22	12
		Total		24		12

Total No.of Credits : 24+22+22+12=80**Chairperson**

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DEPARTMENT OF COMPUTER APPLICATIONS**APPENDIX I
R22 C25 BCA curriculum structure**

I YEAR I SEMESTER					
Course Code	Course Title	L	T	P	C
22BC101	Digital Computer Fundamentals	2	2	-	3
22BC102	Programming for Problem Solving	3	-	2	4
22BC103	Technical English Communication	2	-	2	3
22BC104	Web Technologies	3	-	2	4
22BC105	Mathematical Foundations for Computer Science	2	2	-	3
22BC106	IT workshop & Tools	-	-	4	2
22BC107	Physical Fitness, Sports & Games – I	-	-	3	1
	Total	12	4	13	20
		29 hrs			

I YEAR II SEMESTER					
Course Code	Course Title	L	T	P	C
22BC108	Python Programming	2	-	2	3
22BC109	Data Structures	3	-	2	4
22BC110	Probability and Statistics	2	2	-	3
22BC111	Environmental studies	1	2	-	2
22BC112	Fundamentals of Network Security	1	2	-	2
22BC113	Data visualization Laboratory	-	-	4	2
22BC114	Soft skills laboratory	-	-	4	2
22BC115	Physical Fitness, Sports & Games – II	-	-	2	1
	Total	9	6	16	19
		31 hrs			

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II YEAR I SEMESTER					
Course Code	Course Title	L	T	P	C
22BC201	Object oriented Programming	3	-	2	4
22BC202	Database Systems	3	-	2	4
22BC203	Data Communications	2	2	-	3
22BC204	Operating systems	3	-	2	4
22BC205	Management Science	2	2	-	3
22BC206	Professional Communication Lab	-	-	4	2
	NCC/ NSS/ SAC/ E-cell/ Student Mentoring/ Social activities. These credits maybe earned on or before the end of IV semester	-	-	-	-
	Total	13	4	10	20
		27 hrs			

II YEAR II SEMESTER					
Course Code	Course Title	L	T	P	C
22BC207	Software Engineering	3	-	2	4
22BC208	Computer Networks	3	-	2	4
22BC209	Web Application Development	3	-	2	4
22BC210	Organization behavior	2	-	-	3
22BC211	Quantitative Aptitude and Logical Reasoning	2	2	-	3
22BC212	Technical Seminar	0	-	2	1
22BC213	NCC/ NSS/ SAC/ E-cell/ Student Mentoring/ Social activities. These credits maybe earned on or before the end of IV semester	-	-	-	1
	Total	13	4	8	20
		25 hrs			



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APPENDIX I

III YEAR I SEMESTER					
Course Code	Course Title	L	T	P	C
22BC301	Internet of Things	3	-	2	4
22BC302	Data Mining	3	-	2	4
	Elective – I	3	-	2	4
	Elective – II	2	2	0	3
22BC303	Competitive coding	-	-	4	2
22BC304	Socially Relevant Project using Design Thinking	-	-	4	2
	Total	11	2	14	19
		27 hrs			

III YEAR II SEMESTER					
Course Code	Course Title	L	T	P	C
	Elective – III	3	-	2	4
	Elective – IV	2	2	-	3
22BC305	Project work	-	-	18	12
	Total	5	2	20	19
		27 hrs			

Chairperson

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