



VAAGDEVI COLLEGE OF ENGINEERING

Autonomous

Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S), www.vaagdevi.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

BOARD OF STUDIES MEETING

Minutes of meeting of Board of studies in Computer Science and Engineering (Data Science) held on 23-01-2024 at 02:00 pm.

Members Present:

S.No	Name and Address	Designation	Signature
1	Dr. Ayesha Banu Associate Professor & Head , CSE (Data Science), VCE.	Chairman	
2	Dr. A. Kavitha Associate Professor of CSE & Additional Controller of Examinations, JNTU, Hyderabad.	Member (Univ. Nominee)	
3	Prof. R.B.V. Subramaanyam Professor, NITW.	Member (Subject Expert)	
4	Prof. G. Narsimha Professor (CSE) & Principal, JNTUH College of Engineering, Sulthanpur, Telangana.	Member (Subject Expert)	
5	Dr.J. Sravanthi Assistant Professor, CSE(Data Science), VCE.	Member (Subject Expert)	
6	Gurrapu Venkata Krishna Ramanujam Senior Software Engineer Nagaroo	Member (Alumni Member)	
7	Mr. Sarath. J Director, Innominds India pvt. ltd.	Member (Industry Representative)	

The following decisions are taken:

1. Approved the course structure of B. Tech CSE (Data Science), (R22) Regulations for III and IV Year (I and II Semesters).
2. Approved the syllabi of B. Tech CSE (Data Science), (R22) Regulations for III and IV Year (I and II Semesters).

3. Approved the list of Open Electives offered to other branches. *all open electives are in line with JNTUH R22 Course structure & syllabus.*

CHAIRMAN

Board of studies
Dr. Ayesha Banu

VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
COMPUTER SCIENCE AND ENGINEERING
(DATA SCIENCE)
Applicable from AY 2022-23 Batch

III Year I Semester (V SEM)

S.No	Course Code	Course	L	T	P	Credits
1	B22CS72	Algorithms Design and Analysis	3	0	0	3
2	B22DS03	Introduction to Data Science	3	1	0	4
3	B22CS28	Computer Networks	3	0	0	3
4	B22DS04 B22CS41 B22AI07 B22CS31 B22CS33	Professional Elective – I Data Warehousing and Business Intelligence Artificial Intelligence Web Programming Image Processing Computer Graphics	3	0	0	3
5	B22DS05 B22CS35 B22DS06 B22CS29 B22AI14	Professional Elective – II Spatial and Multimedia Databases Information Retrieval Systems Software Project Management DevOps Computer Vision and Robotics	3	0	0	3
6	B22DS07	R Programming Lab	0	0	2	1
7	B22CS37	Computer Networks Lab	0	0	2	1
8	B22EN03	Advanced English Communication Skills Lab	0	0	2	1
9	B22DS08	ETL-Kafka/Talend	0	0	2	1
10	B22MB06	Intellectual Property Rights	3	0	0	0
Total			18	1	08	20

1. Dr. Ayesha Banu - *Ayesha*
2. Dr. A. Karitha - *27/1/24*
3. *R.B.V. Subramanyam* - (Prof. R.B.V. Subramanyam)
4. Prof. G. Narsimha - *G. Narsimha*
5. Dr. J. Sravanthi - *Sravanthi J*
6. *G.V.K. Ramanujam* - (G.V.K. Ramanujam)
7. J. Sarath - *Sarath*

III Year II Semester (VI SEM)

S.No	Course Code	Course	L	T	P	Credits
1.	B22AI01	Automata Theory and Compiler Design	3	0	0	3
2.	B22AI05	Machine Learning	3	0	0	3
3.	B22DS09	Big Data Analytics	3	0	0	3
4.	B22CS46 B22DS10 B22CS44 B22CS45 B22CS54	Professional Elective – III Software Testing Methodologies Data Visualization Techniques Scripting Languages Mobile Application Development Cryptography and Network Security	3	0	0	3
5.		Open Elective – I <i><< options will be approved in other dept bos >></i>	3	0	0	3
6.	B22AI08	Machine Learning Lab	0	0	2	1
7.	B22DS14	Big Data Analytics Lab	0	0	2	1
8.	B22CS52 B22DS11 B22CS50 B22CS51 B22CS65	Professional Elective - III Lab Software Testing Methodologies Lab Data Visualization Techniques Lab Scripting Languages Lab Mobile Application Development Lab Cryptography and Network Security Lab	0	0	2	1
9.	B22DS15	Industrial Oriented Mini Project/ Summer Internship/ Skill Development Course (UI design- Flutter)	0	0	4	2
10	B22CH03	Environmental Science	3	0	0	0
Total			18	0	10	20

1. Dr. Ayesha Banu - *Ayene*
2. Dr. A. Kanitha - *AK*
3. *R.B.V. Subramanyam* - (Prof. R.B.V. Subramanyam)
4. Prof. G. Narasimha - *G. Narasimha*
5. Dr. J. Saravathi - *Saravathi. J*
6. *P.V.K. Ramarajan* (G.V.K. Ramarajan)
7. J. Sarath - *Sarath*

* Environmental Science should be registered by Lateral entry students only.

IV Year I Semester (VII SEM)

S.No	Course Code	Course	L	T	P	Credits
1.	B22DS16	Predictive Analytics	3	0	0	3
2.	B22DS17	Web and Social Media Analytics	3	0	0	3
3.	B22AI23 B22DS18 B22AI11 B22DS19 B22CS43	Professional Elective – IV Quantum Computing Database Security Natural Language Processing Information Storage Management Internet of Things	3	0	0	3
4.	B22DS20 B22AI22 B22DS21 B22DS22 B22DS23	Professional Elective – V Privacy Preserving Data Publishing Cloud Computing Data Science Applications Mining Massive Datasets Exploratory Data Analysis	3	0	0	3
5.		Open Elective – II ← options will be approved in other dept BOS →	3	0	0	3
6.	B22DS25	Predictive Analytics Lab	0	0	2	1
7.	B22DS24	Web and Social Media Analytics Lab	0	0	2	1
8.	B22DS26	Project Stage – I	0	0	6	3
		Total Credits	15	0	10	20

1. Dr. Ayesha Banu - Ayesha
2. Dr. A. Karisua - A. Karisua 27/11/24
3. R.B.V. Subramanyam (Prof: R.B.V. Subramanyam)
4. Prof. G. Naliniha - G. Naliniha
5. Dr. J. Saravathi - Saravathi. J
6. G.V.K. Ramanujam - G.V.K. Ramanujam
7. J. Sarathy - Sarathy



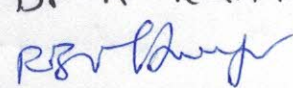

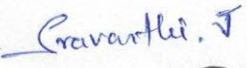
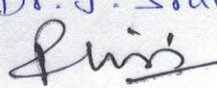
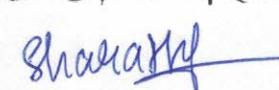
IV Year II Semester (VIII SEM)

S.No	Course Code	Course	L	T	P	Credits
1.	B22MB09	Organizational Behavior	3	0	0	3
2.		Professional Elective – VI	3	0	0	3
	B22DS27	Data Stream Mining				
	B22AI33	Web Security				
	B22DS28	Video Analytics				
	B22CS63	Block chain Technology				
	B22DS29	Parallel and Distributed Computing				
3.		Open Elective – III	3	0	0	3
4.	B22DS32	Project Stage – II including Seminar	0	0	22	11
		Total Credits	9	0	22	20

1. Dr. Aysha Banu – *Aysha*
2. Dr. A. Kanika – *Kanika*
3. *R.B.V. Subramanyam* (Prof. R. B. V. Subramanyam)
4. Prof. G. Naliniha – *G. Naliniha*
5. Dr. J. Sravanthi – *Sravanthi, J*
6. *G.V.K. Ramanujam*
7. J. Sarath – *Sarath*

LIST OF OPEN ELECTIVES OFFERED TO OTHER BRANCHES

S.No	Course Code	Course	L	T	P	Credits
1.	B22DS12 B22DS13	Open Elective – I Fundamentals of Data Science R Programming	3	0	0	3
2.	B22AI21 B22AI10	Open Elective – II Data Mining Data Analytics	3	0	0	3
3.	B22DS30 B22DS31	Open Elective – III Introduction to social media mining Data Visualization using Python	3	0	0	3
		Total Credits	9	0	0	9

1. Dr. Ayesha Banu 
2. Dr. A. Karima -  27/1/24.
3.  (Prof. R.B.V. Subramanyam)
4. Prof. G. Nagesh - 
5. Dr. J. Sravanthi -  Sravanthi. J
6.  - G.V.K. Ramamurthy
7. J. Sarath -  Sarath