



**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S

www.avniet.ac.in, Email: avn.principal@gmail.com



# **CONTINUOUS INTERNAL EVALUATION FOR THE ACADEMIC YEAR 2021-22**

## EXAMINATION BRANCH

Date: 28.05.2022

### II- B. Tech II SEM (R18) MID-I EXAMINATIONS

Branch/Date	30.05.23		31.05.23		01.06.23	
	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM
Civil Engineering	Basic Electrical and Electronics Engineering	Basic Mechanical Engineering for Civil Engineers	Strength of Materials - II	Structural Analysis - I	Hydraulics and Hydraulic Machinery	Building Materials, Construction and Planning
Mechanical Engineering	Basic Electrical and Electronics Engineering	Kinematics of Machinery	Thermal Engineering - I	Fluid Mechanics and Hydraulic Machines	Instrumentation and Control Systems	---
Electronics and Communication Engineering	Laplace Transforms, Numerical Methods & Complex Variables	Electromagnetic Fields and Waves	Analog and Digital Communications	Linear IC Applications	Electronic Circuit Analysis	---
Computer Science and Engineering	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Database Management Systems	Java Programming	---
Computer Science and Engineering (Cyber Security)	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Computer Networks	Object Oriented Programming using Java	---
Computer Science and Engineering (Artificial Intelligence And Machine Learning)	Formal Language and Automata Theory	Software Engineering	Operating Systems	Database Management Systems	Object Oriented Programming using Java	---
Computer Science and Engineering (Data Science)	Formal Language and Automata Theory	Software Engineering	Operating Systems	Database Management Systems	Object Oriented Programming using Java	---

*P. N. N. N.*  
**PRINCIPAL**  
 AVN Institute of Engineering & Technology  
 Mangalpally (V), Pateiguda (MP),  
 Ibrahimpatnam (AA), R.R. Dist., T.S.



## EXAMINATION BRANCH

Date: 05.12.2021

### II- B. Tech I SEM (R18) MID-I EXAMINATIONS

Branch/Date	13.12.2021		14.12.2021		15.12.2021	
	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM
CIVIL ENGINEERING	Surveying and Geomatics	Engineering Geology	Strength of Materials - I	Probability and Statistics	Fluid Mechanics	CLASS WORK
MECHANICAL ENGINEERING	Probability and Statistics & Complex	Mechanics of Solids	Material Science and Metallurgy	Production Technology	Thermodynamics	CLASS WORK
ELECTRONICS AND COMMUNICATION ENGINEERING	Probability Theory and Stochastic Processes	Network Analysis and Transmission Lines	Digital System Design	Signals and Systems	Electronic Devices and Circuits	CLASS WORK
COMPUTER SCIENCE AND ENGINEERING	Analog and Digital Electronics	Data Structures	Computer Oriented Statistical Methods	Object Oriented Programming using C++	Computer Organization and Architecture	CLASS WORK
COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))	Analog and Digital Electronics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	CLASS WORK
COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&ML))	Discrete Mathematics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	Business Economics & Financial Analysis
COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) (67-CSE(DS))	Discrete Mathematics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	Business Economics & Financial Analysis



## EXAMINATION BRANCH

Date: 28.05.2022

### II- B. Tech I SEM (R18) MID-II EXAMINATIONS

Branch/Date	30.05.2022		01.06.2023		02.06.2023	
	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM
CIVIL ENGINEERING	Surveying and Geomatics	Engineering Geology	Strength of Materials - I	Probability and Statistics	Fluid Mechanics	-
MECHANICAL ENGINEERING	Probability and Statistics & Complex	Mechanics of Solids	Material Science and Metallurgy	Production Technology	Thermodynamics	-
ELECTRONICS AND COMMUNICATION ENGINEERING	Probability Theory and Stochastic Processes	Network Analysis and Transmission Lines	Digital System Design	Signals and Systems	Electronic Devices and Circuits	-
COMPUTER SCIENCE AND ENGINEERING	Analog and Digital Electronics	Data Structures	Computer Oriented Statistical Methods	Object Oriented Programming using C++	Computer Organization and Architecture	-
COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))	Analog and Digital Electronics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	-
COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&ML))	Discrete Mathematics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	Business Economics & Financial Analysis
COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE)(67-CSE(DS))	Discrete Mathematics	Data Structures	Mathematical and Statistical Foundations	Python Programming	Computer Organization and Architecture	Business Economics & Financial Analysis

AVN Institute of Engineering & Technology  
Mangalagiri (V), Palleiguda (MP),  
Bramhapuram (M), R. R. Dist., T. S.



**AVN**

**INSTITUTE OF  
ENGINEERING & TECHNOLOGY**  
Accredited by NAAC & NBA



## EXAMINATION BRANCH

**Date: 28.07.2022**

### II- B. Tech II SEM (R18) MID-II EXAMINATIONS AUGUST-2022

Branch/Date	01.08.2022		02.08.2022		03.08.2022	
	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM
Civil Engineering	Basic Electrical and Electronics Engineering	Basic Mechanical Engineering for Civil Engineers	Strength of Materials - II	Structural Analysis - I	Hydraulics and Hydraulic Machinery	Building Materials, Construction and Planning
Mechanical Engineering	Basic Electrical and Electronics Engineering	Kinematics of Machinery	Thermal Engineering - I	Fluid Mechanics and Hydraulic Machines	Instrumentation and Control Systems	---
Electronics and Communication Engineering	Laplace Transforms, Numerical Methods & Complex Variables	Electromagnetic Fields and Waves	Analog and Digital Communications	Linear IC Applications	Electronic Circuit Analysis	---
Computer Science and Engineering	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Database Management Systems	Java Programming	---
Computer Science and Engineering (Cyber Security)	Discrete Mathematics	Business Economics & Financial Analysis	Operating Systems	Computer Networks	Object Oriented Programming using Java	---
Computer Science and Engineering (Artificial Intelligence And Machine Learning)	Formal Language and Automata Theory	Software Engineering	Operating Systems	Database Management Systems	Object Oriented Programming using Java	---
Computer Science and Engineering (Data Science)	Formal Language and Automata Theory	Software Engineering	Operating Systems	Database Management Systems	Object Oriented Programming using Java	---

*P. Prudh*  
**PRINCIPAL**  
Vasanthi Nilai, Patalguda (M.P.)  
Rajamahendrapuram, B.R. Dist. T.G.

## EXAMINATION BRANCH

Date: 01.02.2022

### IV- B. Tech I SEM (R18) MID-I EXAMINATIONS NOVEMBER-2022

#### SET PREFERENCE

Branch/Date	02-02-2022		03-02-2022		04-02-2022	
	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	
Civil Engineering	Estimation, Costing and Project Management	Professional Practice law & Ethics	Ground Improvement Techniques	Irrigation and Hydraulic Structures	Health & Safety in Mines	
Mechanical Engineering	Refrigeration & Air Conditioning	Automation in Manufacturing	Power Plant Engineering	Turbo Machinery	Utilization of Electrical Energy	
Electronics and Communication Engineering	Microwave and Optical Communications	Professional Practice law & Ethics	Digital Image Processing	Network Security and Cryptography	Java Programming	
Computer Science and Engineering	Cryptography & Network Security	Data Mining	Cloud Computing	Internet of Things	Principles of Entrepreneurs hip	



AVN  
INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
Accredited by NAAC & NBA



## EXAMINATION BRANCH

Date: 01.05.2022

### IV - B. Tech I SEM (R18) MID-II EXAMINATIONS

Branch/Date	Session-FN	Session-AN	Session-FN	Session-AN	Session-FN	Session-AN	Session-FN	Session-AN
	02-05-2023	03-05-2023	03-05-2023	03-05-2023	03-05-2023	03-05-2023	03-05-2023	03-05-2023
Civil Engineering	Estimation, Costing and Project Management	Professional Practice law & Ethics	Ground Improvement Techniques	Irrigation and Hydraulic Structures	Health & Safety in Mines	Utilization of Electrical Energy	Mechanical Engineering	Refrigeration & Air Conditioning
Electronics and Communication Engineering	Microwave and Optical Communications	Professional Practice law & Ethics	Digital Image Processing	Network Security and Cryptography	Java Programming	Principles of Entrepreneurship	Computer Science and Engineering	Cryptography & Network Security
Engineering	Automation in Manufacturing	Data Mining	Cloud Computing	Internet of Things				

I/O of Examination

Principal



## EXAMINATION BRANCH

**Date: 09.07.2022**

### IV- B. Tech II SEM (R18) MID-10 EXAMINATIONS

Branch/Date	11.07.2022	12.07.2022	13.07.2022
	10:00 AM to 11:20AM	10:00 AM to 11:20AM	10:00 AM to 11:20AM
Civil Engineering	Environmental Impact Assessment	Urban Transportation Planning	Measuring Instruments
Mechanical Engineering	Industrial Robotics	Industrial Management	Basics of Power Plant Engineering
Electronics and Communication Engineering	Satellite Communications	Low Power VLSI Design	Environmental Impact Assessment
Computer Science and Engineering	Organizational Behaviour	Human Computer Interaction	Environmental Impact Assessment

*P. N. S. Reddy*  
PRINCIPAL  
AVN Institute of Engineering & Technology  
Mangalpally (V), Patalguda (MP),  
Jharkhand (Jh). R.R. Dist., T.S.



## EXAMINATION BRANCH

Date: 10.02.2022

### IV- B. Tech II SEM (R18) MID-II EXAMINATIONS JULY-2022

Branch/Date	14.02.2022	15.02.2022	16.02.2022
	10:00 AM to 11:20AM	10:00 AM to 11:20AM	10:00 AM to 11:20AM
Civil Engineering	Environmental Impact Assessment	Urban Transportation Planning	Measuring Instruments
Mechanical Engineering	Industrial Robotics	Industrial Management	Basics of Power Plant Engineering
Electronics and Communication Engineering	Satellite Communications	Low Power VLSI Design	Environmental Impact Assessment
Computer Science and Engineering	Organizational Behaviour	Human Computer Interaction	Environmental Impact Assessment

  
PRINCIPAL

PRINCIPAL  
AVN Institute of Engineering & Technology  
Mangalpally (V), Patalguda (MP),  
Ibrahimpatnam (M), R.R. Dist., T.S.

### EXAMINATION BRANCH

Date: 05.11.2021

#### III- B. Tech I SEM (R18) MID-I EXAMINATIONS

Branch/Date	08.11.2021		09.11.2021		11.11.2021	
	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM
CIVIL ENGINEERING	Structural Analysis-II	Geotechnical Engineering	Structural Engineering-I	Transportation Engineering	Concrete Technology	Engineering Economics and Accountancy Machinery
MECHANICAL ENGINEERING	Dynamics of Machinery	Design of Machine Members-I	Metrology & Machine Tools	Business Economics & Financial Analysis	Thermal Engineering-II	Operations Research
ELECTRONICS AND COMMUNICATION ENGINEERING	Microprocessor & Microcontrollers	Data Communications and Networks	Control Systems	Business Economics & Financial Analysis	Electronic Measurements and Instrumentation	CLASS WORK
COMPUTER SCIENCE AND ENGINEERING	Formal Languages & Automata Theory	Software Engineering	Computer Networks	Web Technologies	Principles of Programming Languages	Distributed Databases
COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))	Design and Analysis of Algorithms	Database Management Systems	Cryptography and Network Security	Formal Languages and Automata Theory	Compiler Design	Ethical Hacking
COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&ML))	Design and Analysis of Algorithms	Machine Learning	Computer Networks	Compiler Design	Web Programming	Information Retrieval Systems
COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE)(67-CSE(DS))	Design and Analysis of Algorithms	Introduction to Data Science	Computer Networks	Data Mining	Web Programming	Information Retrieval Systems



**AVN**

INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
Accredited by NAAC & NBA



## EXAMINATION BRANCH

Date: 01.02.2022

### III- B. Tech I SEM (R18) MID-I EXAMINATIONS

Branch/Date	02-02-2023		03-02-2023		04-02-2023	
	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM	Session-FN 10:30AM to 11:50AM	Session-AN 02:30PM to 03:50PM
CIVIL ENGINEERING	Structural Analysis-II	Geotechnical Engineering	Structural Engineering-I	Transportation Engineering	Concrete Technology	Engineering Economics and Accountancy Machinery
MECHANICAL ENGINEERING	Dynamics of Machinery	Design of Machine Members-I	Metrology & Machine Tools	Business Economics & Financial Analysis	Thermal Engineering-II	Operations Research
ELECTRONICS AND COMMUNICATION ENGINEERING	Microprocessor & Microcontrollers	Data Communications and Networks	Control Systems	Business Economics & Financial Analysis	Electronic Measurements and Instrumentation	CLASS WORK
COMPUTER SCIENCE AND ENGINEERING	Formal Languages & Automata Theory	Software Engineering	Computer Networks	Web Technologies	Principles of Programming Languages	Distributed Databases
COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (62-CSE(CS))	Design and Analysis of Algorithms	Database Management Systems	Cryptography and Network Security	Formal Languages and Automata Theory	Compiler Design	Ethical Hacking
COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (66-CSE(AI&ML))	Design and Analysis of Algorithms	Machine Learning	Computer Networks	Compiler Design	Web Programming	Information Retrieval Systems
COMPUTER SCIENCE AND ENGINEERING (DATASCIENCE)(67-CSE(DS))	Design and Analysis of Algorithms	Introduction to Data Science	Computer Networks	Data Mining	Web Programming	Information Retrieval Systems

*P. Nishu*  
**PRINCIPAL**  
PRINCIPAL  
AVN Institute of Engineering & Technology  
Mangalpally (V), Patalguda (MP),  
Tbrahmapuram (M), R. R. Dist., T.S.



## EXAMINATION BRANCH

**Date: 09.07.2022**

### III- B. Tech II SEM (R18) MID-II EXAMINATIONS JULY-2022(UPDATED)

Branch/Date	11.07.2022		12.07.2022		13.07.2022	
	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM	Session-FN 10:00AM to 11:20AM	Session-AN 02:00PM to 03:20PM
Civil Engineering	Hydrology & Water Resources Engineering	Environmental Engineering	Foundation Engineering	Prestressed Concrete	Structural Engineering II(Steel)	Entrepreneurs hip
Mechanical Engineering	Design of Machine Members-II	CAD & CAM	Heat Transfer	Unconventional Machining Processes	Finite Element Methods	Disaster Preparedness & Planning Management
Electronics and Communication Engineering	Antennas and Propagation	Digital Signal Processing	-	Embedded System Design	VLSI Design	Entrepreneurs hip
Computer Science and Engineering	Machine Learning	Compiler Design	Design and Analysis of Algorithms	Scripting Languages	-	Disaster Preparedness & Planning Management

  
**PRINCIPAL**  
 AVN Institute of Engineering & Technology  
 Bham Malgudi (V), Patalguda (MP),  
 Buzurgganam (M), R.R. Dist., T.S.



**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S

www.avniet.ac.in, Email: avn.principal@gmail.com



# END SEMISTER PRACTICAL EXAMS TIME TABLE

**CIRCULAR**

**AVNIET/CSE DEPT/SEM-I/2022/CIR-1:**

**Date: 05/10/2022**

All the final year Students are hereby informed to follow the Schedule given below and act accordingly .

**Cycle-I-Mini -Project**

- Mini Project Domain Submission on : **12.10.2022 .**
- Mini Project Abstract Submission : **14.10.2022 -A section**  
**: 15.10.2022-B Section .**

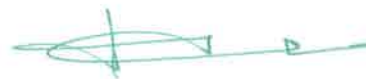
**\*\*\*All the students need to follow the above Schedule compulsory without fail.**



**Project Coordinator**



**HOD**



**Dept. Of. CSE**

**PRINCIPAL**  
AVN Institute of Engineering & Technology  
Mangalpally (V), Patelguda (MP),  
Ibrahimpattam (M), R.R. Dist., T.S.

**AVN****INSTITUTE OF  
ENGINEERING & TECHNOLOGY**  
Accredited by NAAC & NBA

### CIRCULAR

**AVNIET/CSE DEPT/Project /SEM-I/2022/CIR-02:**

**Date: 11/11/2022**

All the final year Students are here by informed to follow the Schedule given below and act accordingly .

### **FINAL TECHNICAL SEMINAR SCHEDULE**

- **Final Technical Seminar overall PPT Presentation : 14.11.2022 -Non CRT A Section**
- **Final Technical Seminar overall PPT Presentation : 15.11.2022 -Non CRT B Section**
- All students must Submit a Spiral Binding copy with all signatures on the Day of 16.11.2022 Non CRT A section and 17.11.2022 Non CRT B section .
- No Permissions are entertained
- Students should be in formal with id card .
- If any student absent no further conducting of seminars ,they need to appear for supply only.
- For CRT students separate schedule will be released.

**\*\*\*All the students need to follow the above Schedule compulsory without fail.**

**Academic Coordinator**

**Project Coordinator**

**HOD**

**Dept. Of. CSE**

**PRINCIPAL**  
AVN Institute of Engineering & Technology  
Mandla (M.P.) 491001  
Mandla (M.P.) 491001



# AVN

INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
Accredited by NAAC & NBA



## CIRCULAR

AVNIET/CSE DEPT/Project /SEM-I/2022/CIR-03:

Date: 28/12/2022

All the final year Students are hereby informed to follow the Schedule given below and act accordingly .

### FINAL TECHNICAL SEMINAR SCHEDULE

- **Mini Project Internal overall Presentation A Section : 30.12.2022**
- **Mini Project Internal overall Presentation B Section : 31.12.2022**
- All students must Carry Spiral Binding copies (Group & Individual ) with all signatures & PPT's ,Outputs on the Day without fail.
- No Permissions are entertained
- Students should be in formal with id card .
- If any student absent no further conducting ,they need to appear for supply only.

**Project Coordinator**

**HOD**

**Dept. Of. CSE**

**PRINCIPAL**

AVN Institute of Engineering & Technology  
Mangalpally (V), Palelguda (MP),  
Ibrahimpattam (M), R.R. Dist., T.S.



**AVN****INSTITUTE OF  
ENGINEERING & TECHNOLOGY**  
Accredited by NAAC & NBA

## **CIRCULAR**

**AVNIET/CSE DEPT/Project /SEM-I/2022/CIR-04:**

**Date: 2/1/2023**

All the final year Students are here by informed to follow the Schedule given below and act accordingly .

1. Major Project Abstract Submission Hard copy by **06.01.2023** in the Given format .

- Page 1 : Students Batch details with Title of Project ,Guide name
- Page 2: Certification
- Page 3: Declaration
- Page 4: Abstract
- Page 5: Existing Method
- Page 6: Proposed Method

❖ **Students need to take confirmation from your respective internal guides before submission the Title ,Once it submitted need to continue with the same Title .**

**Project Coordinator**

**HOD**

**PRINCIPAL**  
AVN Institute of Engineering & Technology  
Mangalpally (V), Patelguda (MP),  
Ibrahimpattam (M), R.R. Dist. T.S.

**Dept. Of. CSE**



# AVVN

**INSTITUTE OF  
ENGINEERING & TECHNOLOGY**  
Accredited by NAAC & NBA

**NBA**



**Department of Computer Science and Engineering**  
**END SEMESTER PRACTICAL EXAMINATIONS August -2022**

**Date: 11.08.2022**

Year/ Sem	Section	Name of the Lab	Date	Time Slot	Lab No	Internal Examiner	External Examiner Name & College Name	Contact Number
II Year- II Sem.	II-A	Operating Systems Lab	16.08.2022	9.30-12.30	B- 108	Dr .P. Meena Kumari	Mr.Mohammad Raziuddin & Spoorthy Eng. College	9703253264
	II-B			01.00-4.00	B- 108		Mr.T.Vijaynag & Spoorthy Eng. College	9966706507
	II-C	DataBase Management Systems Lab	17.08.2022	9.30-12.30	D-210	Mr J Raju	Mohammed Rogia Tabassum & Spoorthy Eng. College	7036109678
	II-A	Java Programming Lab		9.30-12.30	B- 108		Mr. A. Praveen Kumar	Mrs. M. Swarnalatha & Spoorthy Eng. College
	II-B			01.00-4.00	B- 108	Mr. Manohar Bali & Spoorthy Eng. College		8105779912
	II-C	Operating Systems Lab		9.30-12.30	D-210	Mr N Ashok	Mr. T. Shravan Kumar & Spoorthy Eng. College	9640517277
	II-A	DataBase Management Systems Lab	18.08.2022	9.30-12.30	B- 108	Mr S Ramesh Babu	Mrs. D. Sriatha & Spoorthy Eng. College	9391366366
	II-B			01.00-4.00	B- 108		Mr. Mohd Ayaz Uddin & Spoorthy Eng. College	8801436888
	II-C	Java Programming Lab		9.30-12.30	D-210	Mrs T Sarada	Mr. S.T. Saravanan & Spoorthy Eng. College	9790976099

HOD

AVVN INSTITUTE OF ENGINEERING & TECHNOLOGY  
Principal  
(Mangalpally (V), Patebunda (MP),  
Chennai-600 046 (AI), R.A. Dist. T.S.



# AVN

INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
Accredited by NAAC & NBA



## Department of Computer Science and Engineering

### END SEMESTER PRACTICAL EXAMINATIONS August -2022

Date: 11.08.2022

Year/Sem	Section	Name of the Lab	Date	Time Slot	Lab No	Internal Examiner	Faculty signature
II Year-II Sem.	II-A	Operating Systems Lab	16.08.2022	9.30-12.30	B- 108	Dr .P. Meena Kumari	
	II-B			01.00-4.00	B- 108		
	II-C	Database Management Systems Lab	17.08.2022	9.30-12.30	D-210	Mr J Raju	
	II-A	Java Programming Lab		9.30-12.30	B- 108	Mr. A. Praveen Kumar	
	II-B			01.00-4.00	B- 108		
	II-C	Operating Systems Lab	18.08.2022	9.30-12.30	D-210	Mr N Ashok	
	II-A	Database Management Systems Lab		9.30-12.30	B- 108	Mr S Ramesh Babu	
	II-B			01.00-4.00	B- 108		
	II-C	Java Programming Lab		9.30-12.30	D-210	Mrs T Sarada	

HOD

PRINCIPAL

PRINCIPAL:  
AVN Institute of Engineering & Technology  
Mangalagiri (V), Patangudi (M.P.),  
Mangalagiri (V), Patangudi (M.P.),  
Mangalagiri (V), Patangudi (M.P.),  
Mangalagiri (V), Patangudi (M.P.)

PRINCIPAL:  
AVN Institute of Engineering & Technology  
Mangalagiri (V), Patangudi (M.P.),  
Mangalagiri (V), Patangudi (M.P.),  
Mangalagiri (V), Patangudi (M.P.)



**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**  
 PATEL GUDDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S  
 Ph.No. 08415-201345, www.avniet.ac.in, Email: avn.principal@gmail.com



**Department of Computer Science and Engineering**  
**END SEMESTER PRACTICAL EXAMINATIONS FEB-2022**

**Date: 15-02-2022**

ROLL NUMBERS		TO		Time Slot	Lab No	Internal Examiner	External Examiner/ College name: <u>Guru Nanak Institutions</u> <u>Technical Campus</u> , Contact No
II YEAR-I SEM	II-A	DS	17.02.2022	205U1A0501	205U1A0560	9:30AM TO 12:30PM	Mr.M. Yadaiah Asst.Professor 9398147881
	II-B	OOPS	17.02.2022	205U1A0561	205U1A05C1	1:30PM TO 4:30PM	Mrs.S.Rajasree Asoci.Professor 9440155981
	II-B	OOPS		205U1A0501	205U1A0560	1:30PM TO 4:30PM	Mr.sirajul Haur Asst.Professor 9963828634
	II-A	ITWS		205U1A0561	205U1A05C1	9:30AM TO 12:30PM	Mrs.GEETHA
II YEAR-I SEM	II-B	DS	18.02.2022	185U1A0504, 205U1A05C2	215U150531	9:30AM TO 12:30PM	Mr.V BASHA
	II-C	OOPS	18.02.2022	185U1A0504,2 05U1A05C2	215U150531	1:30PM TO 4:30PM	Mrs.B.SREELATHA REDDY
	II-A	ITWS		205U1A0501	205U1A0560	9:30AM TO 12:30PM	Mr.P.Anitha Asst.Professor 7702531929
	II-C	ITWS		185U1A0504,2 05U1A05C2	215U150531	1:30PM TO 4:30PM	Mrs.GEETHA

Dept.Exam In-charge

HOD

PRINCIPAL

AVN Institute of Engineering & Technology

Mangalagiri (V), Patangudi

Channarayana (M), R.R. Dist. 501510, T.S.



# AVN INSTITUTE OF ENGINEERING & TECHNOLOGY

PATEL GUDDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S

Ph.No. 08415-201345, www.avniet.ac.in, Email: avn.principal@gmail.com



## Department of Computer Science and Engineering END SEMESTER PRACTICAL EXAMINATIONS FEB-2022

Date: 02-02-2022

Year/ Sem	Section	Name of the Lab	Date	Time Slot	Lab No	Internal Examiner	External Examiner / College Name	Contact Number
III Year-I	III-A	Software Engineering Lab	04.02.2022	9.30-12.30	B-108	Ms.Divya Jyothi (7799186289)	Mrs.B.Mamatha, Asst.Professor	7702644268
	III-B			1.00-4.00	B-108		Mrs.B.Mamatha, Asst.Professor	7702644268
	III-A	Computer Networks & Web Technologies Lab	05.02.2022	9.30-12.30	B-108	Dr.P.Indira Priyadarshini (91605504385) & Mrs.A.Pavani (9052834350)	Mrs.K.Akshitha, Asst.Professor	9390669117
	III-B			1.00-4.00	B-108		Mrs.K.Akshitha, Asst.Professor	9390669117
IV Year-I	IV-A	Cryptography & Network Security Lab	03.02.2022	9.30-12.30	B-108	Mr.K.Sharath Kumar (9959182976)	Mr.E.Kiran Kumar, Asst.Professor	9490947535
	IV-B	Cryptography & Network Security Lab		1.00-4.00	B-108		Mr.E.Kiran Kumar, Asst.Professor	9490947535

Note: The above Faculties are deputed as a lab externals Examiners to AVN Institute of Engineering and Technology

Dept.Exam Branch I/C

HOD CSE

PRINCIPAL

AVN Institute of Engineering & Technology  
Mangalagiri (V), Patangudi (MP),  
Ibrahimpatnam (M), R.R. Dist., T.S.

AVN Institute of Engineering & Technology  
Mangalagiri (V), Patangudi (MP),  
Ibrahimpatnam (M), R.R. Dist., T.S.



# AVN

INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
Accredited by NAAC & NBA



## Department of Computer Science and Engineering

### Lab Internals

Date: 07-07-2022

Year/Sem	Section	Name of the Lab	Date	Time Slot	Lab No	Internal Examiner
III Year-II Sem.	III-A	SL LAB	07.07.2022	9.30 TO 12.30	B-108	Mr.J.Raju
	III-B	ML LAB		01.30 TO 03.30		Mr.N.Ashok
	III-A	ML LAB	8.07.2022	9.30 TO 12.00		Mr.N.Ashok
	III-B	SL LAB		01.30 TO 03.30		Mr.J.Raju
	III-A	CD LAB	9.02.2022	9.30 TO 12.00		Mr.V.Basha
	III-B	CD LAB		01.30 TO 03.30		Mr.V.Basha

Dept.Exam In-charge

HOD

PRINCIPAL

AVN Institute of Engineering & Technology  
Kavayitri Narayan Education Society  
Warananagar, Hyderabad - 500 071, India, T.S







# AVN INSTITUTE OF ENGINEERING & TECHNOLOGY

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S  
Ph.No. 08415-201345, www.avniet.ac.in, Email: avnprincipal@gmail.com



## Department of Computer Science and Engineering END SEMESTER PRACTICAL EXAMINATIONS FEB-2022

Date: 15-02-2022

			ROLL NUMBERS						
Year/Sem	Section	Name of the Lab	Date	FROM	TO	Time Slot	Lab No	Internal Examiner	Internal Examiner Signature
II YEAR - I SEM	II-A	DS	17.02.2022	205U1A0501	205U1A0560	9:30AM TO 12:30PM	D-204	MR.V BASHA	
	II-B			205U1A0561	205U1A05C1	1:30PM TO 4:30PM			
	II-B	OOPS		205U1A0561	205U1A05C1	9:30AM TO 12:30PM	B-108	MRS.P.MAMATHA	
	II-A			205U1A0501	205U1A0560	1:30PM TO 4:30PM			
	II-C	ADE		185U1A0504, 205U1A05C2	215U150504	9:30AM TO 12:30PM	B-208	MR.SOUNDER	
				215U150505	215U150531	1:30PM TO 4:30PM			
	II-A	ADE	18.02.2022	205U1A0501	205U1A0530	9:30AM TO 12:30PM	B-208	MR.AMARENDAR REDDY	
	205U1A0531	205U1A0560		1:30PM TO 4:30PM					
	II-B	ITWS		205U1A0561	205U1A05C1	9:30AM TO 12:30PM	A-408	MRS.GEETHA	
	II-C	OOPS		185U1A0504, 205U1A05C2	215U150531	9:30AM TO 12:30PM			
				185U1A0504,205 U1A05C2	215U150531	1:30PM TO 4:30PM	B-108	MRS.B.SREELATHA REDDY	
	II-A	ITWS		205U1A0501	205U1A0560	9:30AM TO 12:30PM			
II-C	185U1A0504, 205U1A05C2		215U150531	1:30PM TO 4:30PM					
	II-B	ADE	19.02.2022	205U1A0561	205U1A0590	9:30AM TO 12:30PM	B-208	MR.ARSHAD KHAN	
				205U1A0591	205U1A05C1	1:30PM TO 4:30PM			

Dept.Exam In-charge

Principal

AVN Institute of Engineering & Technology  
Maragipally (V), Palaguda (MP),  
Ibrahimpattanam (M), R.R. Dist., T.S.

HOD



# AVN INSTITUTE OF ENGINEERING & TECHNOLOGY

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, TS

Ph.No. 08415-201345, www.avniet.ac.in, Email: avn.principal@gmail.com



## Department of Computer Science and Engineering END SEMESTER PRACTICAL EXAMINATIONS FEB-2022

Date: 1-02-2022

Year/Sem	Section	Name of the Lab	Date	Time Slot	Lab No	Internal Examiner	Faculty signature
III Year-I Sem.	III-A	Computer Networks & Web Technologies Lab	23.01.2023	9.30-12.30	B-108	Ms. Divya Jyothi (7799186289)	
	III-B			1.00-4.00	B-108		
	III-C	Software Engineering Lab	23.01.2023	9.30-12.30	B-108	Dr. P. Indira Priyadarshini	
III Year-I Sem.	III-A	Software Engineering Lab	24.01.2023	9.30-12.30	B-108	Ms. Divya Jyothi (7799186289)	
	III-B	Software Engineering Lab		1.00-4.00	B-108		
	III-C	Computer Networks & Web Technologies Lab	24.01.2023	9.30-12.30	B-108	Priyadarshini (91605504385) & Mrs. A. Pavani (9052834350)	

Dept. Exam In-charge

HOD





**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S

[www.avniet.ac.in](http://www.avniet.ac.in), Email: [avn.principal@gmail.com](mailto:avn.principal@gmail.com)



# ASSIGNMENT QUESTIONS



**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**

PATEL GUDA, IBRAHIMPATNAM (M), R.R:Dist 501510, T.S

www.avniet.ac.in, Email: avn.principal@gmail.com



**Subject :- data structures assignment questions**

1. Explain Double linked list. Implement Double linked list operations with example program? 2. Write a program to implement Stack operations using array.
3. a) What is Linear Probing.  
b) A set  $A = \{3, 5, 14, 12, 8, 34, 26\}$  and hash table size 12, the hash function is  $2k+4$ . Insert the elements using double hashing.
4. Explain Extendible hashing. A set  $A = \{22, 5, 8, 16, 2, 9, 12, 24, 19, 4\}$ . The bucket size is 3. Insert the elements using Extendible hashing.
5. Explain merge sort algorithm.
6. Explain pattern matching algorithm.
7. Explain binary search operations with example program.
8. Explain tree traversal methods.
9. Explain graph traversal methods



**AVN INSTITUTE OF ENGINEERING & TECHNOLOGY**

PATEL GUDA, IBRAHIMPATNAM (M), R.R.Dist 501510, T.S

www.avniet.ac.in, Email: avn.principal@gmail.com



**OS-Assignment questions**

1. Briefly Explain the Functions of an Operating System
2. What is a System Call? Discuss major System Calls of an Operating System
3. Illustrate Process Control Block? Explain the various entries of it.
4. Explain about the system calls fork, exit, wait, waitpid and exec.
5. Explain bankers algorithm.
6. Explain page replacement algorithms
7. Explain File system implementation.



**SUB: UCMP**

**Branch: MECH**  
**Max. Marks: 05**

**ASSENGMENT QUESTION -I**

1. Explain about ultrasonic machining process with neat sketch? (BL-1)
2. Explain about effect of process parameters in ultrasonic machining process? (BL-1)
3. Explain about abrasive jet machining process? (BL-1)
4. Differences between the conventional and non-conventional machining process? (BL-2)
5. Compare and contrast the various unconventional machining process on the basis of type of energy employed, material removal rate, transfer media and economical aspects. (BL-3)

**ASSENGMENT QUESTION-II**

1. Explain the process of electrical discharge machining, its process parameters and applications. (BL-1)
1. Tabulate the servo system used to control the feed rate in EDM process (BL-2)
2. Explain the principle of PAM with sketch (ii) List out the advantage and limitation of PAM process (BL-1)
3. List Laser beam machining and drilling with sketches.
4. Explain in detail the ECM process with neat sketch and also mention the advantages and application. (BL-1)
5. Summaries the needs for the development of unconventional machining processes? Explain with examples (BL-2)