



JNAN VIKAS MANDAL'S
Mohanal Raichand Mehta College of Commerce
Diwali Maa Degree College of Science
Amritlal Raichand Mehta Degree College of Arts
Padmashree (Dr.) R.T. Doshi Degree College of Computer Science
Plot No.9, Sector -19, Airoli, Navi Mumbai
NAAC Re-Accredited CGPA-3.33 'A'-Grade

Bridge
202

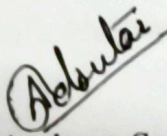
NOTICE


Date-8/12/22

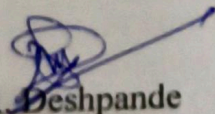
All departmental members are hereby informed that the online department meeting is arranged for conducting TYIT Bridge course on December 09, 2022, at 1:30 a.m. in the IT lab.

Agenda

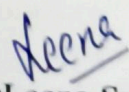
1. Conduction of Bridge course for TYIT students
2. Subject Distribution
3. Work Distribution


Asst. Prof. Archana Sanap
Incharge- IT DEPT


Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT


Dr. B. R. Deshpande
Vice Principal




Dr. (Mrs) Leena Sarkar

Principal
PRINCIPAL
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Date-09/12/22

Minutes of Meeting

The online departmental meeting was held on December 09, 2022, at 11:30 a.m. in the IT lab.

Following matters were discussed and finalized as per the agenda.

❖ Conduction of Bridge course for TYTT students

It was decided that the Bridge Course should be conducted from 10th December 2022 to 17th December 2022. A total of 5 subjects are included in the Bridge Course. And it was decided that it should be 40 hours.

❖ Subject Distribution

It was decided that Project development subject will be taken by Mrs. Archana Sanap, Fundamentals of PGIS subject will be taken by Mrs. Sharayu Kadam, Introducing Security subject will be taken by Dr. Sunitha Joshi, Fundamentals of BI subject will be taken by Mr. Ashish Chavan and ITIL subject will be taken by Mr. Mustufa Nullwala. All the teachers were asked to design the syllabus for 8 hours each by 9th December 2022.

❖ Work Distribution

Subjects are distributed among following teachers

Sr No.	Subject name	Teacher name
1	Mrs. Archana Sanap	Project development
2	Mrs. Sharayu Kadam	Fundamentals of PGIS
3	Mrs. Sunitha Joshi	Introducing security
4	Mr. Ashish Chavan	Fundamentals of BI
5	Mr. Mustufa Nullwala	ITIL



Adjournment

Meeting was adjourned at 12:30 p.m.

Following members were present:

- Dr.(Mrs.) Leena Sarkar (Principal)
- Dr. B. R. Deshpande (Vice- Principal)
- Asst. Prof. Janhvi Kshirsagar (CS-IT Coordinator)
- Asst. Prof. Archana Sanap (IT- Incharge)
- Asst. Prof. Sharayu Kadam.
- Asst. Prof. Sunitha Joshi.
- Asst. Prof. Ashish Chavan.
- Asst. Prof. Mustufa Nullwala.

Signature

Leena
Dr. B. R. Deshpande
JK
Archana
Incharge
Sharayu



Syllabus of Bridge Course for TYBsc(IT) Sem 6

Duration: - 40 hours

OBJECTIVES: -

- 1) To bridge the gap between subjects studied at pre-university level and subjects they would be studying at graduation.
- 2) To provide adequate foundation in core subjects, limited to moderate level so that students do not face any difficulty when the classes commence.
- 3) To act as a buffer for the new entrance.
- 4) To demonstrate a breadth and depth of knowledge in the discipline of computer science and information technology.

OUTCOME: -

Students will be able to

- 1) Equipped with the knowledge and confidence needed to take on bigger challenges.
- 2) Impact basic knowledge in them about advanced subjects that will be taught to them in the upcoming future.
- 3) Understand the essence of knowledge gained beyond the curriculum.

Module	Contents	Number of hours
I	<p>ITIL What Is the ITIL Framework? An Overview of ITIL 4 Framework, The Four Dimensions of ITIL 4. Factors impacted the dimensions, Five Stages of ITIL? Understanding the Service Value Chain, The Benefits of ITIL 4. Why ITIL is required? What is ITIL certification and is it worth it? How can ITIL improve my company's business performance?</p>	8 hours



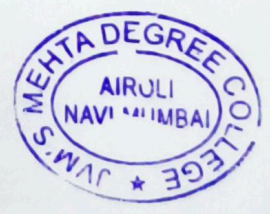
II	Project Development Software Development Process The entire software development process requirements engineering, software design, coding, software configuration management testing, release management	6 hours
	Case study/Assignment and test	2 hours
III	Introducing Security Understanding Confidentiality Understanding Integrity Understanding Availability Defining Threats and Risk Management Understanding Computer Security Understanding AAA Protecting Client and Server & Networks	6 hours
	Case study/Assignment and test	2 hours
IV	Fundamentals of Business Intelligence <ol style="list-style-type: none"> 1. Introduction to Business process 2. Life cycle of Business Process Management 3. Importance of Data 4. Knowledge Discovery 5. Introduction to Data Mining 	6 hours
	Assignment and test and Video Tutorial	2 hours



V	<p>Fundamentals of PGIS</p> <p>What to expect from a Geographic Information Systems career?</p> <ul style="list-style-type: none"> · Geographic Information Systems Courses · General Geographic Information Systems Program Requirements · Geographic Information Systems Jobs and Salaries <p>Techniques and Technology</p> <ul style="list-style-type: none"> · Relating Information and different sources · GIS uncertainties <ul style="list-style-type: none"> · Data representation · Data capture · Projections, coordinate systems, and registration 	6 hours
	Case study/Assignment and test	2 hours

Timetable

	Bridge course Time Table						Term 2			
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday
	06/12	07/12	08/12	09/12	10/12	11/12	13/12	14/12	15/12	16/12
8.30-9.15	SMK	AS	AC	SJ	AS	SJ	SMK	AS	SMK	SJ
9.15-10	AC	MN	AS	AS	AC	SMK	AC	MN	AS	AS
10-10.45	SJ	AC	MN	MN	MN	AC	SJ	AC	MN	AC
10.45-11.30	MN	SMK	SJ	SMK	SJ	AS	MN	SMK	SJ	SMK



Exam paper

Class *
 10th class
 This form is subject to privacy. Change settings

Name *
 Start answer list

Roll number *
 Start answer list

Section 1 of 2
 Start your test now
 Description (optional)

_____ means restricting access to information *

- Confidentiality
- Integrity
- Confidentiality
- Availability

_____ refers to specific types of attacks to user security personnel or potential network attacks

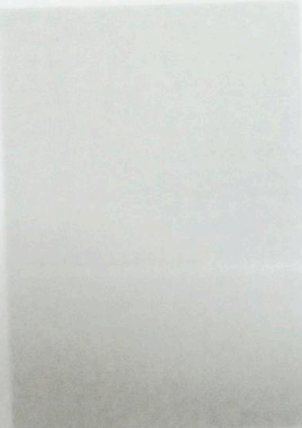
- ARP
- APT
- Phishing

_____ means information can be accessed and modified by authorized individuals in an appropriate timeframe.

- Availability
- Confidentiality
- Integrity
- Authenticity

_____ is defined as the probability that an event will occur *

- Threat
- Risk
- Attack
- Alert



Quick Heal, Norton, AVG, Smart DOD etc are examples of? *

- Anti-virus software
- Worms
- Antivirus
- Trojan horse

_____ is a GIS operation used to manipulate spatial data *

- Database
- Geoprocessing
- Meta data
- All are mentioned correct



For a lot of popular GIS file formats known as _____

- shapefile
- database file
- excel file
- xml file

In England in the mid 1930s, hybrid kite/balloons called _____

- digital
- Aerolite
- helikites
- None of the mentioned

_____ is a novel method of collecting spatial data.

- Data Mining
- Data warehousing
- Database
- Web mining

GIS must be able to convert _____ from one structure to another.

- geographic data
- Spatial data
- Raster Data
- Vector data

A _____ is a set of activities which are networked in an order and aimed towards achieving the goals of a project.

- Project
- Process
- Project management
- Project cycle

Resources refers to "

- Manpower
- Machinery
- Materials
- All of the above

Developing a technology is an example of "

- Process
- Project
- Scope
- All of the above

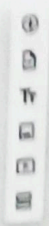
The project life cycle consists of "

- Understanding the scope of the project
- Objectives of the project
- Formulation and planning various activities
- All of the above



What is the first step in project planning?

- Establish the objectives and scope
- Determine the budget
- Select the team organizational model
- Determine project constraints



_____ is the outcome of extraction and processing activities carried out on data.

- Knowledge
- Information
- Data
- Raw Data

Which of the following is the process of identifying and removing (or correcting) inaccurate records from a dataset?

- Data Cleaning
- Data Normalization
- Data Analysis
- Data Transformation

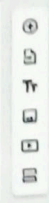


_____ is a process of removing noise from the data.

- Smoothing
- Aggregating
- Binning
- Pulling

ETL process consists of Extract, _____ and Load.

- Translate
- Transport
- Track
- Transform

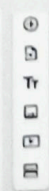


It is necessary to recognize and accurately spell out the problem in _____ phase in the Cycle of a business intelligence analysis.

- Analysis
- Decision
- Insight
- Evaluation

ETIL first consisted of more than _____ books.

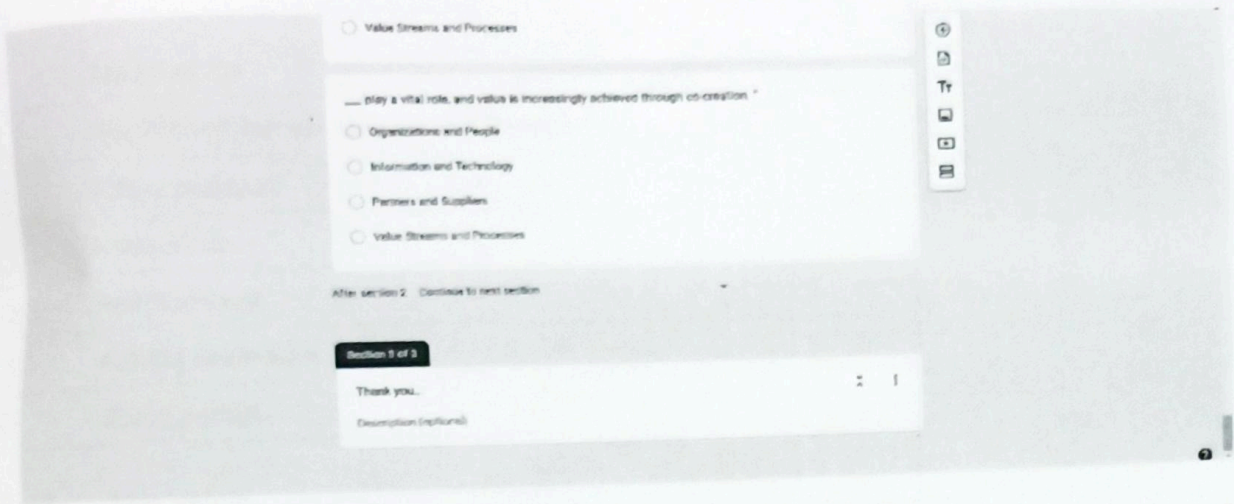
- 20
- 30
- 40
- 50



OGC stands for _____.

- Office of Government Commerce
- Office of the General Counsel
- Oracle Generic Connectivity
- Open Geospatial Consortium





Participant list

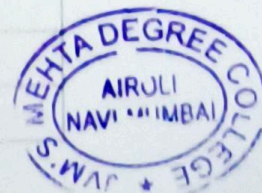
Sr No	Name
1	Vinay sarde
2	SHRIRAJ D CHAUGHULE
3	Vansh
4	Neeraj yadav
5	Shreya Dayanand Lad
6	Isha Torse
7	Aniket Shinare
8	Anveshan John Parichha
9	Prashant Vithal Godhe
10	Anjali yadav
11	Raja prajapati
12	Tarvi sangle
13	Raj Pawar
14	Reeta Dayaram yadav
15	Rahul
16	Siddhant Raut
17	Aditya gavali
18	Sachin Yadav
19	Sushant Rout



20	Triloki varma
21	Ajaj Ahmed Jameel Mohammad Samani
22	Aditya prajapati
23	Imran Khan
24	Anil Kumawat
25	Adhiraj deshमुख
26	Shruti pathak
27	Atrin Verma
28	Pankaj Singh
29	Md sameer ashraf raeen
30	Sakshi Sachin Panchal
31	Amir akhtar firoz shaikh
32	Bhumika Salvi
33	Shubhangi Shivaji Date
34	Saqub

Marksheet

10 / 50	Vinay sarde
18 / 50	SHRIRAJ D CHAUGHULE
24 / 50	Vansh
22 / 50	Neeraj yadav
38 / 50	Shreya Dayanand Lad
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34 / 50	Raj Pawar
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30 / 50	Triloki varma
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30 / 50	Md sameer ashraf raeen
22 / 50	Sakshi Sachin Panchal
38 / 50	Amir akhtar firoz shaikh
30 / 50	Bhumika Salvi
34 / 50	Shubhangi Shivaji Date
30 / 50	Saquib





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Report

The bridge course was conducted for Information technology students of third year. It was started from 10/12/2022 to 17/12/2022.

Total 5 subjects are included in this bridge course and following faculties have taken 8 lectures .i.e total duration was 40 hrs.

Sr No.	Subject name	Teacher name
1	Mrs. Archana Sanap	Project development
2	Mrs. Sharayu Kadam	Fundamentals of PGIS
3	Mrs. Sunitha Joshi	Introducing security
4	Mr. Ashish Chavan	Fundamentals of BI
5	Mr. Mustufa Nullwala	ITIL

Finally the exam was conducted on 17/12/2022 . All subject teachers provided 5 questions of their respective topics. (each of 2 Marks).

Total 50 marks exam was conducted by Mrs. Bhagyashree kulkarni.

Exam was conducted from 11:00 am to 12:00 pm.

And finally the result was released to all the students who have attempted the test by sending an email.

34 students from TYBSC(IT) had submitted papers.

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