



JNAN VIKAS MANDAL'S

Mohanlal Raichand Mehta College of Commerce

Diwali Maa College of Science

Amritlal Raichand Mehta College of Arts

Dr. R.T. Doshi College of Computer Science

NAAC Re-Accredited Grade 'A+' (CGPA : 3.31) (3rd Cycle)

NOTICE

Date-22/12/23

All departmental members are hereby informed that the departmental meeting is arranged for conducting TYIT Bridge course on December 23, 2023, at 10:30 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





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Date-23/12/23

Minutes of Meeting

The departmental meeting was held on December 23, 2023, at 10:30 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 1st January 2024 to 08th January 2024. 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 Mrs. Rajashree Pisal. All the teachers were asked to design the syllabus for 8 hours each by 23rd December 2023.

❖ 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	Mrs. Rajashree Pisal	ITIL



Adjournment

Meeting was adjourned at 12:30 p.m.

Following members were present:

Asst. Prof. Janhavi Kshirsagar
Asst. Prof. Archana Sanap.
Asst. Prof. Sharayu Kadam.
Dr. Sunitha Joshi.
Asst. Prof. Ashish Chavan
Asst. Prof. Rajashree Pisal

Signature

JK
Asst. Prof.
Kshirsagar

BSZ
for *Asst. Prof.*
Archana Sanap



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	<p>Project Development Software Development Process The entire software development process requirements engineering, software design, coding, software configuration management testing, release management</p>	6 hours
	Case study/Assignment and test	2 hours
III	<p>Introducing Security Understanding Confidentiality Understanding Integrity Understanding Availability Defining Threats and Risk Management Understanding Computer Security Understanding AAA Protecting Client and Server & Networks</p>	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	Fundamentals of PGIS <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

Class :T.Y.B.Sc. (I.T.)		Bridge Course Time Table			Term-2	Academic year: 2023-24	
Time	1/1/2024	2/1/2024	3/1/2024	4/1/2024	5/1/2024	6/1/2024	
Date	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
07.50-08.40	PGIS (SMK)	ITIL (RP)	BI(AC)	PD (AS)	IS (SJ)	BI(AC)	
08.40-09.30	ITIL (RP)	PGIS (SMK)	PGIS (SMK)	IS (SJ)	PD (AS)	PGIS (SMK)	
09.50-10.40	IS (SJ)	BI(AC)	ITIL (RP)	ITIL (RP)	PGIS (SMK)	IS (SJ)	
10.40-11.30	PD (AS)	PD (AS)	IS (SJ)	BI(AC)	ITIL (RP)	ITIL (RP)	
11.30-12.20	BI(AC)	IS (SJ)	PD (AS)	PGIS (SMK)	BI(AC)	PD (AS)	
Project Development	Mrs. Archana Sanap						
Fundamental of PGIS	Mrs. Sharayu Kadam						
Introducing Security	Dr. Sunitha Joshi						
Fundamental of BI	Mr. Ashish Chavan						
ITIL	Mrs. Rajshree Pisal						



Exam paper

Email *

valid email

This form is collecting emails. [Change settings](#)

Name *

Short answer text

Roll number *

Short answer text

Section 2 (MCQ)

Start your test now...

Description (optional)

_____ means restricting access to individuals *

- Authenticity
- Integrity
- Confidentiality
- Repudiation

_____ watch for specific types of activities to alert security personnel of potential network attack *

- IPS
- API
- PAI

_____ 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 DOG etc are examples of ? *

- Boot sector virus
- worms
- Antivirus
- Trojan Horse

_____ is a GIS operation used to manipulate spatial data *

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



For a list of popular GIS file formats known as _____ *

- shapefile
- database file
- excel file
- xml file

In England in the mid 1990s hybrid kite/balloons called _____ *

- blight
- aerolite
- heliotes
- 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

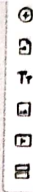
The project life cycle consists of *

- 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

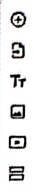


_____ is the outcome of extraction and processing activities carried out on data. *

- 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

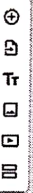


_____ is a process of removing noise from the data. *

- Smoothing
- Aggregating
- Scripting
- Polling

ETL process consists of Extract, _____, and Load *

- Translate
- Transmit
- 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

ITIL first consisted of more than ___ books *

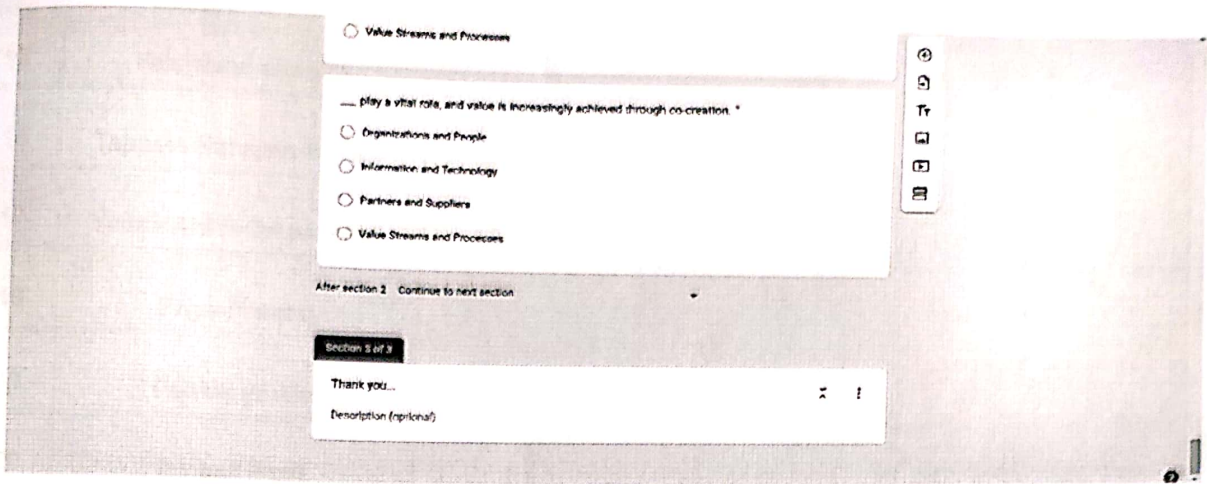
- 20
- 30
- 40
- 50



OGC stands for _____ *

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





Participant list

Sr.No	Name of the Student
1	Namita karavade
2	Rupal Rakesh Saroj
3	Sonu Kumar
4	Archana Arvind Gupta
5	Parth
6	Abhinay Gupta
7	Tejasvini Ramkishan Rajput
8	Tejaswini Santosh Kakade
9	Karan Mishra
10	Prerna Rajendra Yadav
11	Prathamesh uday desai
12	Manav Vishwanath Patil
13	Shiva singh
14	Kaif Faruk shaikh



15	Vaishnavi charate
16	Tapasvi Narayan Mohite
17	Yadav Ankit Omprakash
18	Priya Prasad
19	Pankaj yadav
20	Dinesh Patil
21	Suruchi shirke
22	Sonali ramkhan yadav
23	Aditya sanas
24	Sadiqua maqsood Ahmed Samani
25	Sanika
26	Sakshi
27	Krity Sharma
28	Aniket Mahesh Mourya
29	Manish Subhash Shinde
30	MITALI
31	Om borhade
32	Shraddha Yadav
33	Yash Singh
34	Sakshi Anand Tambe
35	Kishan Nishad
36	Ujala Rao
37	Sujal Shinde



38	Prajwal pawar
39	Ronit Rawal
40	Petiwala Asim Umar
41	Aman Maurya
42	Riddhi Mochemadkar
43	Satyam Kumar Maurya
44	Harshad Hiranman Sonawale
45	Sanskriti santosh bhosale

Marksheet

Sr.No	Name of the Student	Score
1	Namita karavade	44 / 50
2	Rupal Rakesh Saroj	42 / 50
3	Sonu Kumar	38 / 50
4	Archana Arvind Gupta	44 / 50
5	Parth	46 / 50
6	Abhinay Gupta	46 / 50
7	Tejasvini Ramkishan Rajput	32 / 50
8	Tejaswini Santosh Kakade	44 / 50
9	Karan Mishra	38 / 50
10	Prerna Rajendra Yadav	42 / 50
11	Prathamesh uday desai	40 / 50
12	Manav Vishwanath Patil	46 / 50
13	Shiva singh	42 / 50
14	Kaif Faruk shaikh	38 / 50



15	Vaishnavi charate	46 / 50
16	Tapasvi Narayan Mohite	36 / 50
17	Yadav Ankit Omprakash	36 / 50
18	Priya Prasad	36 / 50
19	Pankaj yadav	42 / 50
20	Dinesh Patil	46 / 50
21	Suruchi shirke	46 / 50
22	Sonali ramkhan yadav	36 / 50
23	Aditya sanas	40 / 50
24	Sadiqua maqsood Ahmed Samani	42 / 50
25	Sanika	46 / 50
26	Sakshi	38 / 50
27	Krity Sharma	40 / 50
28	Aniket Mahesh Mourya	40 / 50
29	Manish Subhash Shinde	44 / 50
30	MITALI	46 / 50
31	Om borhade	40 / 50
32	Shraddha Yadav	34 / 50
33	Yash Singh	44 / 50
34	Sakshi Anand Tambe	36 / 50
35	Kishan Nishad	28 / 50
36	Ujala Rao	40 / 50
37	Sujal Shinde	46 / 50
38	Prajwal pawar	38 / 50
39	Ronit Rawal	44 / 50
40	Petiwala Asim Umar	44 / 50
41	Aman maurya	36 / 50



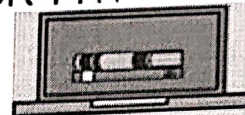
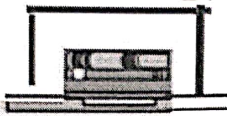
42	Riddhi Mochemadkar	44 / 50
43	Satyam Kumar Maurya	34 / 50
44	Harshad Hiranman Sonawale	36 / 50
45	Sanskruiti santosh bhosale	46 / 50

Flyer



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DEPARTMENT OF INFORMATION TECHNOLOGY ORGANIZES BRIDGE COURSE FOR TYIT



Dr. Sunitha Joshi Asst. Prof. Sharayu Kadam Asst. Prof. Ashish Chavan Asst. Prof. Rajshree Pisal	Date-1 st January, 2024 to 3 rd January, 2024 Duration-30 Hours Asst. Prof. Archana Sanap IT In-charge Asst. Prof. Janhavi Kshirsagar CS-IT Coordinator Dr. B. R. Deshpande I/c Principal
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Certificate

	JNAN VIKAS MANDAL'S Mohanlal Raichand Mehta College of Commerce Diwali Maa College of Science Amrital Raichand Mehta College of Arts Dr. R.T. Doshi College of Computer Science NAAC Re-Accredited Grade 'A+' (CGPA : 3.31) (3rd Cycle)	
Certificate of Participation This is to certify that <<NAME>>		
of T.Y.BSc.(I.T) has successfully completed Bridge Course organized by Department of Information Technology of JVM'S Degree College from 1 st January, 2024 to 8 th January, 2024.		
 Asst. Prof. Archana Sanap IT Incharge	 Asst. Prof. Janhavi Kshirsagar CS-IT Coordinator	 Dr. B.R. Deshpande I/c Principal





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Report

The bridge course was conducted for Information technology students of third year. It was started from 01/01/2024 to 08/01/2024. 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 08/01/2024 . 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. 45 students from TYBSC(IT) had submitted papers.

Asst. Prof. Archana Sanap
Incharge- IT DEPT

Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT

Dr. B.R.Deshpande
I/C Principal

