



MARATHA VIDYA PRASARAK SAMAJ'S
KARMAVEER ADV. BABURAO GANPATRAO THAKARE
COLLEGE OF ENGINEERING



Permanently Affiliated to Savitribai Phule Pune University Vide Letter No: CA/1542
 & Approved by AICTE New Delhi Vide Letter No: 740-89-32 (E) ET/98
 AISHE Code - C-41622

www.kbtcoe.org

Department of Information Technology

Academic Year: 2020 - 21 (Semester: I)

Class	: Second Year	Date: 09/11/2021
Course Name	: Discrete Mathematics	
Name of the Faculty	: Ms. U. S. Tambe	
Name of Method	: Revised Yourself	

1. Objectives of Method:

Revise yourself method encourage students for self-learning, cross learning, communications skills, stage daring, convincing.

2. Topic Covered through Activity:

All Theory content of syllabus are covered in this activity.

3. Description of method with Benefits (8 – 10 lines):

In this method students select the topics among units covered in the classroom. After preparation they present it in front of class students. Teacher takes care that topics should not be repeated

4. The method: In this method, student will come forward and explain assign topic from syllabus to other students. Student will revise the syllabus by themselves. They can use ppts, audio or video as explanation aid.

5. Roles and Responsibilities:

Teacher: Assign different topic to students.

Student: Student should able to prepare assign topic and present in front of all students.

6. Assessment Tools & Rubrics:

Sr. No	Name of Method	Evaluation Criteria	Max. Score	Excellent (100%)	Satisfactory (60%)	Poor (20%)
1.	Revise Yourself	Topic selection	5	<ul style="list-style-type: none"> Complex topic with real time application 	<ul style="list-style-type: none"> Moderate topic 	<ul style="list-style-type: none"> Easy topic
		Presentation	10	<ul style="list-style-type: none"> Appropriate content, Communication skill, Content Delivery 	<ul style="list-style-type: none"> Adequate content, Communication skill, Content Delivery 	<ul style="list-style-type: none"> Inadequate content, Communication skill, Content Delivery
		Question Answer	5	<ul style="list-style-type: none"> Appropriate Answers to Questions. 	<ul style="list-style-type: none"> Answers questions, but often with little insight. 	<ul style="list-style-type: none"> Inappropriate Answer

7. Evaluation Sheet:



Department Of Information Technology

Class: SE-IT

Year - 2020 - 21

Subject: Discrete Mathematics

Innovative Method: Revised yourself

Objectives of Activity:

1. To improve communication/presentation skills
2. To improve level of remembrance in students as when students explain topic by their own they remember it very well

PO's mapped:

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Activity Description:

Students will come forward and will explain any topic of syllabus to other students individually or in group. Students will revise the syllabus by themselves. They can use ppt, audio, video as explanation aid.

Rules of activity:

1. Topic should not be repeated
2. 10 minutes for each student for the activity
3. student should tell importance or application of selected topic in real life
4. Q and A session of 2 minutes is there

Roll No	Name of Student	Topic	Marks			Total Marks	Sign
			Topic Selection (5)	Presentation (15)	Timely Submission (5)		
1	PRAJWAL SAJISH AHIR	Set Theory and types of set	5	10	5	20	
2	PRASAD RAMU HASODRA AHIR	Venn Diagram	5	10	5	20	
3	SIBREYA RAVINTRA JADHAV	Finite and Infinite Sets, Countable Sets	5	8	5	18	
4	SIBRUTIKA MAHENDRA BADGEJARI	Multisets	5	12	5	22	
5	NEHA RAVINDRA BAGUL	Principle of Inclusion and Exclusion	5	9	5	19	
6	PRACHI GANESH BHAT	Principle of Inclusion and Exclusion	5	9	1	15	
7	TIJAL RAMESH BHOF	Mathematical Induction	5	10	1	16	
8	DURSHAN ASHWANT BORSI	Mathematical Induction	5	9	3	17	
9	NIHITA PRAKASH BORSI	Propositions	5	8	4	17	
10	SACHIN VASANT BORSI	Logical Connectives	5	9	1	15	
11	KANSHIYA MUSIL CHALASE	Conditional Propositions	5	12	5	22	
12	CHITANA ANIL CHAUDHARI	Bi-conditional Propositions	5	11	3	19	
13	RAHUL DEEPAK CHAVAN	Logical Equivalence	5	13	5	23	
14	KUNAL NARENDRA DANDHOTE	Validity of Arguments by using Truth Tables	5	11	1	17	
15	AKSHATA BANSHIRINATH GATHE	Predicates and Quantifiers	5	12	5	22	
16	INTIKA KUNAL GAIKWAD	Normal forms - DNF	5	9	1	15	
17	PRACHEENUSARFID GANGURDE	Normal forms - CNF	5	10	1	16	
18	SHEWTA BEJASKAR GANGURDE	Rules of Sum and Product	5	11	5	21	
19	SIBRUTIKA PURUSHOTTAM GOSAVI	Permutations	5	10	3	18	
20	SIBRUTIKA RAJASHYAM GUDANGRE	Permutations	5	12	5	22	
21	TIJANSHI PTAM HADKOLE	Combinations	5	8	5	18	
22	KRISHAN NANTKISHOR JADHAV	Combinations	5	13	3	21	
23	SIBRUTIKA MAHENDRA JADHAV	Discrete Probability	5	9	1	15	
24	TIJASHRI RATAN JADHAV	Conditional Probability	5	12	5	22	
25	SNEHAL RAJESH JATAP	Conditional Probability	5	10	5	20	
26	PRITHA RAJENDRA JAIN	Bayes Theorem	5	10	3	18	

Roll No.	Name Of Student	Topic	Marks			Total Marks	Sign
			Topic Selection (5)	Presentation (15)	Timely Submission (5)		
27	PRASANNA HITENDRA KEDARE	Basic Terminologies	5	90	1	16	
28	SARTHAK HARIBHAU KHALKAR	Multi-Graphs, Weighted Graphs, Sub Graphs	5	0	0	5	AB
29	SAMINA PARVEZ KHAN	Isomorphic graphs	5	13	5	23	
30	KRISHA DHIRENKUMAR KHANDHAR	Complete Graphs	5	13	5	23	
31	GOPAL RAJESH MALANI	Regular Graphs	5	11	1	17	
32	SHOBHIT GAJANAN MOHADIKAR	Bipartite Graphs	5	9	1	15	
33	MEHUL DHARMENDRA MULCHANDANI	Operations on Graphs (Union, Intersection)	5	9	1	15	
34	KARTIK BHASKAR NARAYANE	Operations on Graphs	5	4	1	10	
35	PRARABEHA MAKHAND NATHIE	Hamiltonian path and circuit	5	0	0	5	AB
36	YUVRAJ PRAKASH NEMARE	Eulerian path and circuit	5	6	1	12	
37	CHITAN MAHENDRA NER	Travelling Salesman Problem	5	0	0	5	AB
38	ADITYA SHARAD NIKAM	Travelling Salesman Problem	5	0	0	5	AB
39	RAJ DILIPRAO NIKAM	Planar Graphs	5	0	0	5	AB
40	SAURAV SHANTARAM PARDESHI	Planar Graphs	5	8	1	14	
41	AMISHKAR JAYVANT PATIL	Graph Colouring	5	8	1	14	14
42	BHAGYASHRI UJWAL PATIL	Tree Terminologies, Rooted Trees, Path Length in Rooted Tree	5	11	3	19	
43	SHAYUR BHAGWAT PATIL	Prefix Codes	5	10	1	16	16
44	PIYUJEKISHOR PATIL	Prefix Codes	5	19	3	19	
45	SANIL RAMESH PATIL	Spanning Trees (Prims)	5	9	1	15	
46	SAYALI BHARAT PATIL	Spanning Trees (Kruskals)	5	10	5	20	
47	SRUSHOTI RAOGAHEB PATIL	Fundamental Cut Sets and Circuits	5	13	5	23	
48	ANJALI SANJAY RAJOLE	Max flow - Min Cut Theorem	5	9	2	16	
49	PAVAL KISHOR RATHVA	Max flow - Min Cut Theorem	5	13	1	19	
50	ANIKET NARBHAI SAINIURE	Properties of Binary Relations (Reflexive, Irreflexive)	5	10	1	16	
51	MANSI DORISU SAIJINKHE	Properties of Binary Relations (symmetric, asymmetric)	5	9	5	19	
52	ADARSH NITIN SANKLECHA	Properties of Binary Relations (Transitive)	5	10	2	17	
53	KETAN BHAVINDRA SANKALE	Warshall's Algorithm	5		1		
54	TRUPTIKA BHARAT SAWANT	Equivalence Relations	5	12	3	20	
55	DEEPIKA JAYYAR SHAIKH	Partial Ordering Relations	5	13	4	22	
56	HARSHAL DIPAT SHINDE	Partitions	5	9	1	15	
57	MEGHHA BHARAT SHINDE	Hasse Diagram	5	9	3	17	
58	RAJASHREE PRASHANT SHINDE	Functions and its types	5	12	4	21	
59	NISUGANDHA PRAVIN SHIRSATH	Composition of Functions	5	9	5	19	
60	PRAJHAMENU MADHUKAR SHIRSATH	Composition of Functions	5	12	3	20	
61	CHINMAY BHASKAR SINHGARKAR	Pigeonhole Principle	5	10	1	16	
62	KANESHBHAI PRAVINBHAI SURMAYANSHI	Properties of Divisibility	5	10	5	20	
63	NAKSHI RAJENDRA THATE	Division Algorithm	5	12	5	22	
64	SALONI SHAMKANT THATE	Greatest Common Divisor GCD and its Properties	5	12	4	21	
65	MAAYUR NARAD THOKE	Euclidean Algorithm	5	9	1	15	
66	PRIVANKA BHUSANBHAI VIDHATE	Extended Euclidean Algorithm	5	13	4	22	
67	PIYUSH KAILAS VINCHU	Prime Factorization Theorem	5	10	4	19	
68	AKSHAY SHARAD WAGH	Congruence Relation	5	10	5	20	
69	PRAJAKTA DNYANESHWAR WANGHDE	Modular Arithmetic	5	10	5	20	
70	SAKSHI SANDAY WADHANI	Euler Phi Function	5	11	5	21	

Roll No	Name Of Student	Topic	Marks				Total Marks (25)	Sign
			Topic Selection (5)	Presentation (10)	Question Answer (5)	Timely Submission (5)		
71	SWATI VISHNU ZAGADE	Euler's Theorem	5	8	4	5	22	
72	ISHIKA SHAMRAO GAIKWAD	Fermat's Little Theorem	5	7	3	4	19	
73	MANAS RAJENDRA JADHAV	Additive and Multiplicative Inverses	5	6	3	01	15	
74	DNYANESHWARI CHANDRAKANT GAIKWAD	Chinese Remainder Theorem	5	8	4	5	22	
75	VAIBHAV RAVINDRA AHIRE	Introduction Semigroup	5	6	3	01	15	
76	ROHIT SOMNATH ANARTHE	Monoid, Group	5	7	3	4	19	
77	HARSHVARDHAN SHAILESH M SURYAWANSHI	Abelian Group						AB
78	VISHAL JIBHAU HIRE	Set Theory and types of set						AB
79	KHUSHI HARISH BAFANA	Venn Diagram	5	9	4	5	23	
80	MANSI VIKAS GANGURDE	Finite and Infinite Sets, Countable Sets	5	8	4	5	22	
81	KANCHAN DHAVALU GHUTE	Multisets	5	5	3	01	14	
82	AKSHI GORAKH GODSE	Principle of Inclusion and Exclusion	5	7	4	5	21	
83	MRUNALI VIJAY HANDGE	Principle of Inclusion and Exclusion	5	9	4	5	23	
84	GAYATRI SANJAY KUMAVAT	Mathematical Induction	5	8	4	5	22	
85	SHOUNAK JAYANT PAITHANE	Mathematical Induction						AB
86	MADHUSUDAN SANJAY PATIL	Propositions	5	9	4	5	23	
87	NEHA HANSRAJ PAWAR	Logical Connectives	5	8	3	1	17	
88	RUTUJA KIRANKUMAR PAWAR	Conditional Propositions	5	8	4	5	22	
89	RAVI HANUMAN SIRAME	Bi-conditional Propositions						AB
90	SANKET RAMESH WANKHEDE	Logical Equivalence	5	6	4	5	20	


Ms. U. S. Tambe

Subject Incharge

8. Impact Analysis : Insert graph of feedback analysis

	3- High/Excellent	2 - Moderate /Average	1- Slight/Poor
1. Do you find Methodology Helpful?	39	21	0
2. Are you able to find applications/ use of concept covered?	36	24	0
3. Grade the overall activity	39	21	0



