Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune 410503

Department of Electronic Science

A.Y. 2023-24

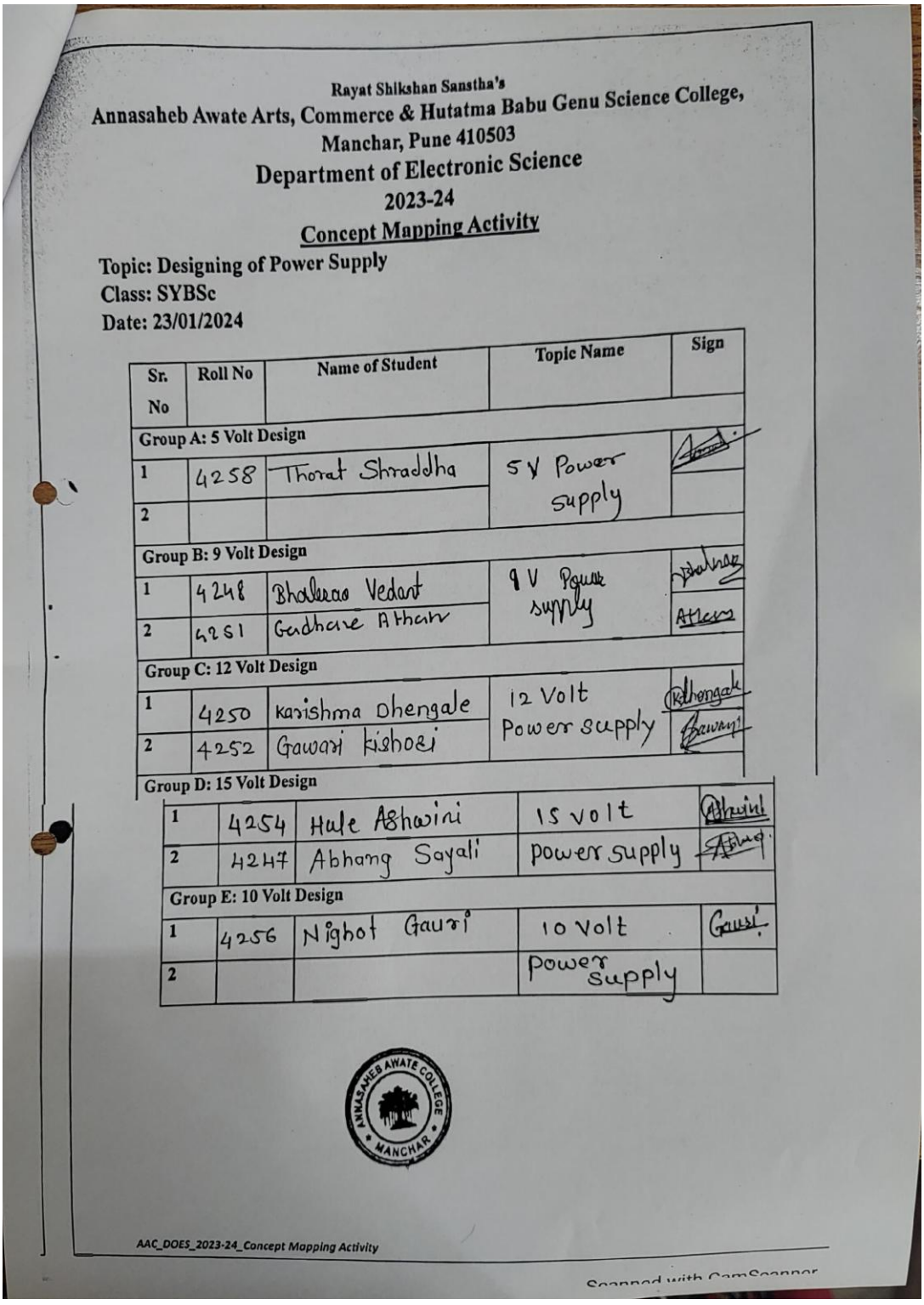
Concept Mapping Activity

Name of Program	Concept Mapping Activity of Designing of Power Supply
Event Date	23/01/2024
Event Participants	SYBSc Class
Event Time	Duration 2 Months
Mode of Conduction	Offline (Department of Electronic Science Lab)
Event Coordinator	Ms. Afroj M Dange
No. of Beneficiary	12
Introduction	The concept mapping activity "Designing a Power Supply" focused on the essential components and considerations in creating an effective and efficient power supply system. Concept mapping is a visual representation technique that helps clarify complex relationships among various elements of a subject. This activity aimed to support learners in understanding the fundamentals of power supply design while fostering collaborative learning and critical thinking skills.
Objectives	• To enhance participants' understanding of power supply design principles. • To identify and explain the key components involved in a power supply system. • To encourage teamwork and collaborative problem-solving. • To develop skills in concept mapping as a method for organizing and structuring knowledge.
Outcomes	• Enhanced Understanding: Participants demonstrated a deeper understanding of the various components and considerations in designing a power supply by effectively organizing their knowledge visually. • Diverse Perspectives: The collaborative nature of the activity allowed for the sharing of diverse perspectives, leading to novel insights about power supply components and their interactions. • Critical Thinking Skills: Engaging in discussions and obtaining feedback helped participants develop critical thinking skills, particularly in the context of problem-solving in engineering design. • The "Designing a Power Supply" concept mapping activity proved to be an effective learning strategy that empowered participants to deepen their understanding of power supply systems. The visual representation of concepts facilitated the comprehension of complex relationships and principles essential for power supply design.
Enclosure	1] Event Photos
	2] Student Attendance

Head
Dept. of Electronics Science
A. A. College, Manchar

Activities Photos

Head
Dept. of Electronics Science
A. A. College, Manchar



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Department of Electronic Science

2023-24

Concept Mapping Activity

Topic: Designing of Power Supply
Class: SYBSc
Date: 23/01/2024

Sr. No	Roll No	Name of Student	Topic Name	Sign
Group A: 5 Volt Design				
1	4258	Thorat Shraddha	5V Power supply	
2				
Group B: 9 Volt Design				
1	4248	Bhalerao Vedant	9V Power supply	
2	4251	Gadhave Atharv		
Group C: 12 Volt Design				
1	4250	Karishma Dhengale	12 Volt Power supply	
2	4252	Gawari Kishori		
Group D: 15 Volt Design				
1	4254	Hule Ashwini	15 volt power supply	
2	4247	Abhang Sayali		
Group E: 10 Volt Design				
1	4256	Nighot Gauri	10 Volt power supply	
2				

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Attendance

Sr. no.	Roll no	Name of student	Sign
1	4246	Abhang Prasad Dilip	
2	4247	Abhang Sayali Sachin	
3	4248	Bhalerao Vedant Prakash	
4	4249	Dharade Vaishali Santosh	
5	4250	Dhengale Karishma Lalchand	
6	4251	Gadhave Atharv Somnath	
7	4252	Gawari Kishori Tulashiram	
8	4253	Ghule Somesh Nilesh	
9	4254	Hule Ashwini Anil	
10	4255	Lohate Dipali Santosh	
11	4256	Nighot Gauri Sambhaji	
12	4257	Thorat Pranav Balu	
13	4258	Thorat Shraddha Bhaguji	

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