

Discipline Electronics & Telecommunication Engg.	Semester: - 4th	Name of the Teaching Faculty: - Rojalin Choudhury & Biswanita Sahu
Subject: - ELECTRICAL MACHINE LAB	No of Days/per Week Class Allotted: - 4p/week	Semester From: 10 th March 2022 to 10 th jun 2022 No. of weeks:15 weeks
Week	Class Day	Theory/ Practical Topics
1 st	14/03/2022	1. Study different parts of DC Generator. (theory)
	15/03/2022	1. Study different parts of DC Generator. (practical)
2 nd	21/03/2022	2. Run a DC shunt Generator (theory)
	22/03/2022	2. Run a DC shunt Generator (practical)
3 rd	28/03/2022	3. Connect and run DC Motor (series, shunt and compound motor with suitable stators connections & measure speed.). (theory)
	29/03/2022	3. Connect and run DC Motor (series, shunt and compound motor with suitable stators connections & measure speed.) (practical)
4 th	04/04/2022	3. Connect and run DC Motor (series, shunt and compound motor with suitable stators connections & measure speed.) (practical)
	05/04/2022	3. Connect and run DC Motor (series, shunt and compound motor with suitable stators connections & measure speed.) (practical)
5 th	11/04/2022	4. Study 3 point & 4 point starter. (theory)
	12/04/2022	4. Study 3 point & 4 point starter. (practical)
6 th	18/04/2022	4. Study 3 point & 4 point starter. (practical)
	19/04/2022	5. Study speed Control of DC shunt motor(field and armature control method) (theory)
7 th	25/04/2022	5. Study speed Control of DC shunt motor(field and armature control method) (practical)
	26/04/2022	5. Study speed Control of DC shunt motor(field and armature control method) (practical)
8 th	02/05/2022	6. Parallel operation of DC generators. (theory)
	09/05/2022	6. Parallel operation of DC generators. (practical)
9 th	10/05/2022	7. Connect & run a 3- I.M. with the help of DOL & star-delta stator. (theory)
	17/05/2022	7. Connect & run a 3- I.M. with the help of DOL & star-delta stator. (practical)
10 th	23/05/2022	7. Connect & run a 3- I.M. with the help of DOL & star-delta stator. (practical)
	24/05/2022	8. Determine voltage regulation of transformer by direct loading. (theory)
11 th	31/05/2022	8. Determine voltage regulation of transformer by direct loading. (practical)
	06/06/2022	9. Identify the terminals of a transformer perform short circuit & open circuit test & find the losses & efficiency. (theory)
12 th	07/06/2022	9. Identify the terminals of a transformer perform short circuit & open circuit test & find the losses & efficiency. (practical)
	Extra class	9. Identify the terminals of a transformer perform short circuit & open circuit test & find the losses & efficiency. (practical)
13 th	Extra class	10. Parallel operation of Transformers(only single Phase) (theory)
	Extra class	10. Parallel operation of Transformers(only single Phase) (practical)
14 th	Extra class	11. Construct switch board& Series Board using cut-out, switches, plugs, holder and two ways Switch. (theory)
	Extra class	11. Construct switch board& Series Board using cut-out, switches, plugs, holder and two ways Switch. (practical)
15 th	Extra class	11. Construct switch board& Series Board using cut-out, switches, plugs, holder and two ways Switch. (practical)
	Extra class	11. Construct switch board& Series Board using cut-out, switches, plugs, holder and two ways Switch. (practical)

Signature of Teaching Faculty