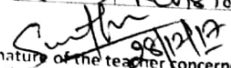


Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar) 5th Jan, 2018

Name of teacher with designation :- Sunit Kumari, A.P

Department :- EE

| Month | Class | Topic/Chapter Covered | Academic Activity | Test/Assignment |
|-------|-------|---|----------------------|--------------------------|
| Jan | 4th | <u>OT&D</u> : Introduction to substations & Equipment (2w) : Distribution System. (2 week) | Revision PPT | Assign (3w) Test (4w) |
| | 6th | <u>PS-II</u> : Symmetrical fault Analysis & Components (2w) : Unsymmetrical fault Analysis (2w) | Group discuss PPT | Assign (3w) Test (4w) |
| | 6th | <u>M&I</u> : Introduction to Instruments & their represent : Static & Dynamic char of Instrument (2 week) | PPT Revision | Assign (3w) Test (4w) |
| Feb | 4th | <u>T&D</u> : Introduction & Calculation of Line parameters (2w) : Performance of lines (2 week) | Revision PPT | Assign (3w) Test (4w) |
| | 6th | <u>PS-II</u> : All types of circuit Breakers & operation (2w) : Apparatus protection of transformer, gen, motor (2w) | Group discuss PPT | Assign (3w) Test (4w) |
| | 6th | <u>M&I</u> : Introduction to transducer & elements (2w) : Bridge circuits & All types of transducers (2w) | Revision PPT | Assign (3w) Test (4w) |
| March | 4th | <u>T&D</u> : Mechanical Design (2 week) : Insulators & their types (2 week) | GD Revision | Assign (3w) Test (4w) |
| | 6th | <u>PS-II</u> :- Protective Relays : Relay Application and their char (2w) | PPT Revision | Assign (3w) Test (4w) |


Signature of the teacher concerned with date 08/12/17

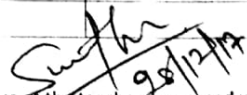
Lesson Planning for the semester started w.e.f. 5th Jan, 2018.

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- Sunit Kumari, A.P

Department :- EE

| Month | Class | Topic/Chapter Covered | Academic Activity | Test/Assignment |
|-------|-----------------|---|------------------------------|---------------------------|
| Mar | 6 th | <u>M&I</u> :- Motion, force and torque measurement (2week) :- Intermediate, Indicating & Recording Elements (2w) | Revision PPT | Test (3w) ASSgn (3w) |
| April | 4 th | <u>T&D</u> :- Cables & their types with Ratings (2week) :- Corona with their power losses & merits & demerits (2w) | Group discussion PPT | ASSgn (3w) Test (4w) |
| April | 6 th | <u>PS-II</u> :- Static & Digital Relays & types (2week) :- Digital Relays applications & fiberlink (2w) | Group discussion Revision | ASSgn (3w) Test (4thw) |
| April | 6 th | <u>M&I</u> :- Pressure and flow measurement (2week) :- Temperature Measurement (2week) | Revision Group discussion | ASSgn (3w) Test (4w) |


Signature of the teacher concerned with date 9/12/17

Lesson Planning for the semester started w.e.f. 5th Jan, 2018

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- Sunit Kumar, A.P

Department :- EE

| Month | Class | Topic/Chapter Covered | Academic Activity | Test/Assignment |
|-------|-------|---|----------------------------|---------------------|
| Jan | 6th | <u>PS-Lab</u> 1: To draw the operating char. of IDMT relay. 2: To study the performance of Earth fault relay 3: To study the performance of a over-voltage relay | Practical to be Performed | File to be Checked. |
| | | <u>M&I Lab</u> 1: To study various Temperature Measuring Instruments & Estimate their response times. 2: To study the working of Bourdon Pressure Gauge and to check the Calibration of the gauge in dead weight pressure gauge. 3:- To study a LVDT & use it in simple experimental setup to measure small displacement | Practical to be Performed. | File to be Checked. |
| Feb | 6th | <u>PS-Lab</u> 4: To study the performance of under voltage relay 5: Testing of breakdown strength of a trans oil. 6: To study flash point test of trans oil. | Practical to be Performed. | File to be Checked. |
| | | <u>M&I Lab</u> 4: To study the char. of a pneumatic gauge 5: To measure load using load cell on a tutor. 6: To measure torque of a rotating shaft using torsion meter / strain gauge torque trans. | Practical to be Performed. | File to be Checked. |

Signature of the teacher concerned with date 28/12

Lesson Planning for the semester started w.e.f. 5th Jan, 2018.

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Hajjar)

Name of teacher with designation :- Sunit Kumar, A.P.

Department :- EE

| Month | Class | Topic/Chapter Covered | Academic Activity | Test/Assignment |
|-------|-------|---|---------------------------|---------------------|
| March | 6th | <u>PS-Lab</u> | | |
| | | 7: To find ABCD, Hybrid parameters of transmission line | Practical to be performed | file to be checked. |
| | | 8: To study performance of a transmission line under no load or load at diff P.F. | | |
| | | 9: To observe the Ferranti effect in a model of transmission line | Practical to be performed | file to be checked. |
| | 6th | <u>M&I Lab</u> | | |
| | | 7: To measure the speed of motor shaft with help of non-contact type pickups. | Practical to be performed | file to be checked. |
| | | 8: To measure the stress & strains using S.G. | | |
| | | 9: To measure static/dynamic pressure of fluid in pipe tube using pressure cell. | | |
| April | 6th | <u>P.S-Lab</u> | | |
| | | 10: To study performance char. of typical DC distribution sy. in radial & ring main | Practical to be performed | file to be checked. |
| | | <u>M&I Lab</u> : To test experimental data for normal distribution using chi-square test. | | |

Signature of the teacher concerned with date