| One Step In Changing Education Chain | | | | | FA | CUL | TY N | AME | • | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|----|----|----|-----|-----|------|-----|---|---|----|------|------|-----|---|---|----|----|---|----|-----|------|-----|----|------|-------|---|---|---|---|
| RED & WHITE | | | | ST | ART | ING | DATE | | D | D | - | M | M | - | Υ | Υ | GR | ID | | | | | | | | | | | | |
| | | GR | οu | РΟ | FI | NST | ГІТ | UTE | | | EN | IDIN | G DA | ATE | | D | D | 1 | M | M | - | Υ | Υ | В. | TIME | Н | Н | : | M | M |
| S | Т | U | D | Е | Ν | Т | | N | А | M | Е | | | | | | | | | GO | OGL | E CL | ASS | | | | | | | |

SOLIDWORKS TOTAL DAYS: ____ /60

NOTE: -

- Feedback વિદ્યાર્થીઓ દ્વારા અને Project ના Marks શિક્ષક દ્વારા આપવામાં આવશે.
- Signing-Sheet માં સહીં કરવાની જવાંબદારી વિદ્યાર્થીની રહેશે અને Sign કરતી વખતે વિદ્યાર્થીએ કોઈપણ સબંધ કે ફેકલ્ટીની ફેવર માં આવી ને Grade નક્કી ના કરે.જે ફેકલ્ટી અને વિદ્યાર્થી બંને ની જવાબદારી રહેશે.
- સર્ટીફિકેશન ની કાર્યવાહી માટે આ Signing-Sheet સારા માર્કસ અને સારા ફીડબેક થી પૂર્ણ થયેલી હોવી જોઈએ.
- ઓછા Grade વાળા ટોપિક નું પુનરાવર્તન થશે. અને Leave એપ્લિકેશન વગર વિદ્યાર્થી રજા પાડશે તો તેના લેકયર નું પુનરાવર્તન કરવા માં આવશે નહી.
- In Feedback (81% <= A <= 100% | 61% <= B <= 80% | 31% <= C <= 60% | 0% <= D <= 30%)

| LEC. | TOPICS | DATE | <u>P</u> A | FEEDBACK | STUDENT SIGN | FACULTY SIGN | REMARK |
|-------|--|------|------------|----------|-----------------|-----------------|--------|
| 1 | Introduction to Nx, Units, User Interface. - Introduction of drawing - Version introduction - Course headlines, - Basic of solidworks. | | | A B | | | |
| 2 | Basic Sketch: 2d Sketching, Construction Mode, Planes. - Line, circle, rectangle, mirror, fillet, chamfer, delete, dimension, Relations. | | | A B | | | |
| | Fill the Student Agreement Form | | | | | | |
| 3 | Part Modelling - Extrude, cut-extrude, - Revolve- cut revolve. - Editing part, editing sketch. | | | A B C D | | | |
| 4 | Part Modelling: -Fillet and chamfer (constant, variable, full round). | | | A B | | | |
| PR. 1 | Making Part for Assembly: 1 - Making part for flange assembly | | | /10 | | | |
| PR.2 | Making Part for Assembly: 2 - Making Part for block Assembly | | | /10 | | | |
| 5 | Part Modelling: - Hole wizard (simple, c.bore, c.sink) | | | A B C D | | | |
| 6 | Part Modelling: - Draft, shell & rib. | | | A B C D | | | |
| 7 | Part Modelling: - Sweep, sweep cut, - Spring making. | | | A B C D | | | |
| 8 | Part Modelling: - Loft, loft cut & boundary boss. | | | A B C D | | | |
| 9 | Part Modelling: - Wrap, intersect, material, - Mass calculation, measure. | | | A B C D | | | |

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|------|---|---------|--|---|
| 10 | Part Modelling: - Design Table. | A B C D | | |
| 11 | Rendering: - Photo realistic effect. | A B C D | | |
| PR.3 | Making part for assembly: 3. - Making part for valve assembly | /10 | | |
| | | | | |
| PR.4 | Making part for assembly: 4. - Making part for engine blower assembly - Use of sub assembly | /10 | | |
| | | | | |
| 12 | Assembly Modelling: - Insert part, apply & edit mates, - Explode assembly, interface. | A B C D | | |
| 13 | Assembly Modelling: - Creating & editing part in assembly. | A B | | |
| 14 | Assembly Modelling: - Insert library parts & smart fasteners. | A B C D | | |
| 15 | Animation: - Animation with different orientation, - with drag components. | A B C D | | |
| 16 | Animation: - Animation using explode & apply motor, save as video. | A B C D | | |
| 17 | Drawing: - Placing general, projection , section, - Detail views of part & assembly. | A B C D | | |
| 18 | Drawing: - Import dimension - Manual dimension - Bill of material, add -text and notes - Add center mark & line, table. | A B C D | | |
| 19 | Drawing: - Making format & print the drawing, save in PDF. | A B C D | | |
| 20 | Sheet Metal: - Basic sheet metal, flange, miter and hem. | A B C D | | |
| 21 | Sheet Metal: - Jog bend, sketch bend & cross break, hole. | A B C D | | |
| 22 | Sheet Metal: - Form tool, solid to sheet, corner, loft bend. | АВ | | |

| | | | C D | | |
|-------|---|--|-----|--|--|
| 23 | Simulation: - Static study, find stress-strain. | | АВ | | |
| | - Thermal study. | | C D | | |
| PR.5 | Final Project. | | /10 | | |
| 111.5 | - Make assembly and drawing and R | | /10 | | |
| | Viva and Test - 1 | | /50 | | |

| LATEST UPDATED TOPIC | | | | | | | |
|----------------------|--|--|--|--|--|--|--|
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Your Last Subject?

| Yes | N _a |
|-----------------------|--|
| | No |
| What is next career : | Hold Course |
| 1 A / 1 | Application No: (If Hold, So Write the Hold Application No.) |
| Write here | Ongoing Course |
| | Next Course : |
| | Next Software : |
| | Next Faculty : |
| | Next Course Starting Date : |
| | Next Course Batch Time : |
| | Next Faculty Sign : |
| | |

| utor Use Only: |
|-------------------------------------|
| ver All Student Performance: Grade. |
| emark: |
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