

## INNOVATIVE ALTERNATE ASSESSMENTS

| S. NO. | NAME OF THE FACULTY       | NAME OF THE COURSE              | NAME OF THE TOPIC            | ASSESSMENT  |
|--------|---------------------------|---------------------------------|------------------------------|---|
| 1.     | Mr. J. David Gnanaraj     | Automobile Engineering          | Automobile Components        | Assessment was conducted <b>based on Models</b> fabricated by the students.   |
| 2.     | Mr. B. Muthu Chozha Rajan | Mechatronics                    | Mechatronics System          | <b>Case Study</b> was conducted as an alternative assessment. For example, the students were asked to write a report on the mechatronics systems available in automatic washing machine and pick and place robot. |
| 3.     | Dr. V. Vignesh            | Design of Machine Elements      | Design of Machine Components | Assessment was conducted <b>based on Models</b> developed by the students.  |
| 4.     | Mr. R. Sridhar            | Machine Drawing                 | Fits and Tolerance           | <b>Online Quiz</b> was conducted.   |
| 5.     | Mr. A. Shyam Sundar       | Heat and Mass Transfer          | Radiation                    | <b>Cross word</b> was conducted as an assessment tool to evaluate the students' understanding of this particular concept.   |
| 6.     | Mr. S. Devanand           | Gas Dynamics and Jet Propulsion | Isentropic flows             | <b>Word Search and Online Quiz</b> were conducted to evaluate the students.   |
|        |                           |                                 | Rayleigh & Fanno flows       |   |
|        |                           |                                 | Normal & Oblique shocks      |   |
|        |                           |                                 | Jet Propulsion               | <b>Google class room and Online quiz</b> assessment patterns were used to evaluate the students in this particular topic.   |
|        |                           |                                 | Space Propulsion             |   |