



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examinations (December 2018)

School : School of Engineering **Program:** M. Tech. (Automotive Product Engineering)

Course: Virtual Product Manufacturing

Course Code: APE602

Semester: III

Max Marks: 50

Duration (mins) : 120 min

- Note : 1. Figures to the right indicates full marks.
2. Solve any Five of the following

- Q 1. Explain terms in brief Digital Manufacturing, Digital Design, Digital Materials, Digital Fabrication, & Digital Products. (10 M)
- Q 2. Explain terms Technology Development and Application Development. (10 M)
- Q 3. Explain the steps for process simulation and validation. (10 M)
- Q 4. Write short note on a) Through put simulation, b) Discrete event simulation. (10 M)
- Q 5. Differentiate Reports customization and User interface customization. (10 M)
- Q.6. Explain in detail E-Manufacturing system. (10 M)
- Q.7. Virtual Reality based platform for collaborative product review and customization. (10 M)