Format for submitting study material

Sir/Madam,

Please find attached herewith the study material created by me. I authorize you to upload the same on SPPU's central repository.

Title: Solid Geometry - Engineering Mathematics-II

Name of Teacher: Ms. Nerkar Jyoti Jalindranath, M.Sc, M.Phil; 20 Years of Teaching Experience.

Course/Class: First Year Engineering (Engineering Sciences)

Semester: II                Paper No: 107008

The study material is useful to the students of First Year of SPPU. Details of the study material are as follows:

Topic: Solid Geometry
Introduction Keywords: These cover the topics Right Circular cone, Right Circular Cylinder and sphere
Syllabus Pattern: 2019

Following are the links

5. https://youtu.be/ften0Tez76I

Topic: Curve Tracing
Introduction Keywords: These covers the topics Curves given by Cartesian coordinate, polar coordinates, parametric equation, raised curve, rectification of curves.
Syllabus Pattern: 2019

Following are the links

2. https://youtu.be/yivht8RxUwQ
5. https://youtu.be/t38x_QAQqjc
6. https://youtu.be/LoQ1By6Yp3o
7. https://youtu.be/2Zbk92X2F3c
8. https://youtu.be/SbFICudpJ0s
10. https://youtu.be/E7QK4o5mKJs

Topic: Multiple Integration
Introduction Keywords: These covers the topics Double Integration, Change the order of integration, Transformation to polar coordinates, Triple Integration
Syllabus Pattern: 2019
Following are the links

1.  https://youtu.be/_bKJWPvlpDs
6.  https://youtu.be/Vr-uWiT5OGc

Topic: Application of Multiple Integrations
Introduction Keywords: These covers the topics Application of multiple integration i.e Area, Volume, Centre of gravity & Moment of inertia
Syllabus Pattern: 2019
Following are the links

1.  https://youtu.be/gUT6yG8Qfd0
2.  https://youtu.be/xXtDfU8Y7SE
3.  https://youtu.be/xWl1bO-KPO0
4.  https://youtu.be/oXgYm7pzPAg
8.  https://youtu.be/tNaFiaDy2JI

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Regards

Ms. Jyoti Jalindranath Nerkar