

Department of Applied Mechanics, IIT Delhi
Second Semester, 2019-2020

Course Co-ordinator : Gaurav Singh (E: gsingh@am.iitd.ac.in, O: IV-255, P: 1184)

Planar Contact Mechanics (APV 808) 1-0-0

Pre-requisite: AML 731

Class Schedule: TBA

Outline :

S. No.	Topic
1	Introduction
2	Surface tractions
3	Interior stress fields
4	Partial slip

Book :

Hills D. A., Nowell D. & Sackfield A. Mechanics of Elastic Contacts, First Edition, Butterworth-Heinemann Ltd., 1993

Evaluation :

Assignment	:	60%
Major	:	40%

Note :

- Minimum of 40% marks is required for pass grade
- Announcements will be made through Moodle