

Course Name: -Engineering Mathematics-III (BMS-04)

UNIT-II

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Table of Content

Lecture No.	Topic	Link
1.	Moments,	https://youtu.be/pmFGaoZGGv0 https://youtu.be/AujVOTcstyk
2.	Generating function for moments,	https://youtu.be/wWSRIZ2OVtk https://youtu.be/4bXUO7xvTWY
3.	Skewness, Kurtosis,	https://youtu.be/J_skMsNC0s8
4.	Curve fitting: Method of Least Squares, Fitting of Straight lines and Parabola..	https://youtu.be/G0WmTBTSjzQ https://youtu.be/X1I_Q2otwgU
5.	Correlation	https://youtu.be/kEqw-Ln63ss https://youtu.be/58lJB7W4ffY https://youtu.be/mWCUg-x-Vrc
6.	Regression	https://youtu.be/3igj4C0QRko https://youtu.be/58lJB7W4ffY https://youtu.be/LnXmGEDqkz4 https://youtu.be/Z-uyOWY-m00
7.	Binomial Distribution,	https://youtu.be/LBFGRtIn2gE
8.	Poisson's Distribution	https://youtu.be/xL_6EzYkPYo https://youtu.be/pAxjefLUzfl
9.	Normal Distributions	https://youtu.be/aOZ9kmXgXq4 https://youtu.be/6JQJWj5Cmnc

Books:

1. B.S. Grewal - Higher Engineering Mathematics; Khanna Publishers.
2. B.V. Ramana - Higher Engineering Mathematics, Tata McGraw Hill Education Pvt. Ltd., New Delhi.