

A graph showing the drain current (I_D) versus the drain-source voltage (V_{DS}) for a MOSFET at various gate-source voltages (V_{GS}). The x-axis is labeled "DRAIN-SOURCE VOLTAGE (V)" and ranges from 0 to -60. The y-axis is labeled "DRAIN CURRENT (mA)" and ranges from 0 to 10. The curves are labeled with V_{GS} values: 0.0 V, 2.0 V, 4.0 V, 6.0 V, 8.0 V, 10.0 V, 12.0 V, 14.0 V, and 16.0 V. The curves show that I_D increases with V_{DS} and is higher for higher V_{GS} values. The curves for $V_{GS} = 0.0$ V and 2.0 V are blue, while the others are red.

A graph showing the drain current (I_D) versus the drain-source voltage (V_{DS}) for a MOSFET at various gate-source voltages (V_{GS}). The x-axis is labeled "DRAIN-SOURCE VOLTAGE (V)" and ranges from 0 to -60. The y-axis is labeled "DRAIN CURRENT (mA)" and ranges from 0 to 10. The curves are labeled with V_{GS} values: 0.0 V, 2.0 V, 4.0 V, 6.0 V, 8.0 V, 10.0 V, 12.0 V, 14.0 V, and 16.0 V. The curves show that I_D increases with V_{DS} and is higher for higher V_{GS} values. The curves for $V_{GS} = 0.0$ V and 2.0 V are blue, while the others are red.