

The graph displays the drain current (I_D) in milliamperes (mA) on the y-axis against the drain-source voltage (V_{DS}) in volts (V) on the x-axis. The x-axis ranges from 0 to 60 V with major grid lines every 10 V. The y-axis ranges from 0 to 5 mA with major grid lines every 1 mA. There are nine curves, each corresponding to a different gate-source voltage (V_{GS}), labeled from 0.0 V to -16.0 V in increments of 2.0 V. The curves for $V_{GS} = 0.0$ V and -2.0 V are red, while the others are blue. All curves start at the origin (0,0). The 0.0 V curve rises most steeply, reaching approximately 4.5 mA at 15 V. As V_{GS} becomes more negative, the curves shift downwards and to the right, indicating a lower drain current for the same V_{DS} . The -16.0 V curve remains very close to the x-axis, reaching only about 0.2 mA at 60 V.

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