Latex demo

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November 18, 2017

1 Table

Table 1: Education details

Course	**YOP**	**School/College**	Marks		
			Otained	Max	Percentage
SSC	2015	SR Digi School	552	600	92
Inter	2017	Narayana Junior College	983	1000	98
JEE Mains	2017	JOSAA	184	360	51

Table 2: Time Table

Time table			
Day	9 AM -10 AM	10 AM - 11 AM	11 AM - 12 AM
Monday	CS 201	CS 202	CS 203
Tuesday	CS 202		CS 201
Wednesday	Seminar		

2 Equation Demo

$$\left|\sum_{i=0}^{n} a_i\right| \leq \left(\sum_{i=0}^{n} a_i\right)^2$$

$$\begin{bmatrix} \begin{vmatrix} p & q \\ r & s \end{vmatrix} & b \\ c & d \end{bmatrix}$$

$$\left|\sum_{1=1}^{n} a_i b_i\right| \leq \left(\sum_{i=1}^{n} a_i^2\right)^{1/2} \left(\sum_{i=1}^{n} b_i^2\right)^{1/2}$$

$$f(x) = \begin{cases} \begin{vmatrix} x-1 & x-2 \\ x-3 & x-4 \end{vmatrix} & \text{if } x \geq 4 \\ -x & \text{if } x < 4 \end{cases}$$

$$\frac{\sum\limits_{k=0}^{n^{3}} z^{k}}{\prod\limits_{k=1}^{n} (n^{11} + k)} \quad OR \quad \frac{-b \pm \sqrt[3]{b^{2} - 4 \times a \times c}}{2 \times a}$$