

# MY MATHEMATICAL AUTOBIOGRAPHY

TEJASWI GOTTIPATI

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## *BIODATA*

NAME : TEJASWI GOTTIPATI

DATE OF BIRTH : 03/03/1985

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## *MY BACKGROUND IN MATHEMATICS*

Hello I am Tejaswi Gottipati. I pursued my under graduation in Electrical and Electronics Engineering from Sri Indu College of Engineering and Technology.

I am drawn to the study of Mathematics for the simple fact that without Mathematics no worthwhile scientific discovery could have been made. I have pursued study of science, mathematics and allied subjects with total understanding. My love for Mathematics subject sprouted when I was in class 4. Right from my school times, I have been scoring high grades and marks in mathematics. I had always put in sustained hard work and assimilated new ideas and concepts. I learnt mathematics by experimenting with the numbers. I was introduced to various theorems and I tried and proved many theorems on my own before they were taught in the class room.

When I entered Class 6 I was introduced to **ALGEBRA** which became my all time favorite. The first class of mine in the Algebra taught me the formula

$$(a + b)^2 = a^2 + b^2 + 2ab$$

Then I started adding more and more terms in the expression and tried myself with 3 terms. I was excited when I found my answer exactly correct. I began learning *TRIGNOMETRY* in my 9th standard which was even more exciting. In the 10+2 level we had the introduction to the Integration and Differentiation. I was fascinated to solve the problems like

$$\int x^2 dx$$

$$\int_0^\pi \sqrt{\alpha^2 + x^2} dx$$

In my under graduation I studied mathematics for 3 semesters. I have strong foundation in the topics like *CALCULAS, INTEGRATION, DIFFERENTIATION, INTEGRAL CALCULUS, DIFFERENTIAL CALCULUS, MATRICES VECTORS and VECTOR ALGEBRA*

My proficiency in Mathematics helped me in clear understanding of fundamentals and other principles of Electrical Engineering. The four years of undergraduate education have been a great learning and intellectually enriching process for me. I have thorough knowledge of advanced Engineering Mathematics.