



ST. JOSEPH UNIVERSITY

Chümoukedima, Nagaland – 797115, India



DEPARTMENT OF MATHEMATICS

PRESENTS

A TALK ON

UNLEASHING THE CODING & AI

MINDSET IN MATHEMATICS



DATE
30th July 2026

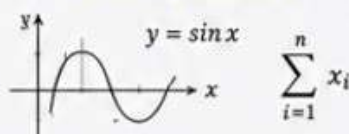


TIME
9:30 AM



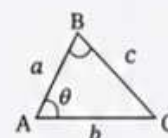
VENUE
Seminar Hall

MATHEMATICS



$$\int_a^b f(x) dx$$

$$\begin{bmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m1} & a_{m2} & \cdots & a_{mn} \end{bmatrix}$$

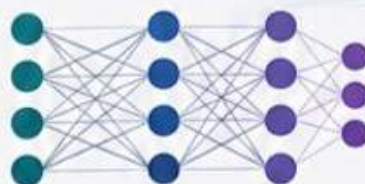


CODING

```
def solve(A, b):  
    n = len(b)  
    x = [0.0]*n  
    for i in range(n):  
        s = sum(A[i][j]*x[j]  
                for j in range(i))  
        x[i] = (b[i] - s) / A[i][i]  
    return x
```



ARTIFICIAL INTELLIGENCE



$$\hat{y} = \sigma(W_2 \sigma(W_1 x + b_1) + b_2)$$

RESOURCE PERSON

Dr. Shiva Rao



Assistant Professor



Department of Mathematics



Bapujee College, Barpeta, Assam



THINK
MATHEMATICALLY.



CODE
CREATIVELY.



INNOVATE
WITH AI.