

Indira Gandhi Delhi Technical University For Women



Electromagnetic Field Theory

BEC-206

Practical File

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date	content	date	remarks
01	Study of Cartesian, cylindrical and spherical coordinate system		
02	To perform the addition of two vectors		
03	To perform the dot product of two vectors		
04	To perform the cross product of two vectors		
05	To find the curl of a vector field		
06	To find the divergence of a vector field		
07	To find the gradient of scalar quantity $V = x^* \exp(-x^2 - y^2)$ and plot the gradient		
08	Plot a three dimensional electromagnetic wave		