

Lesson Plan

Name of the Assistant/ Associate Professor..... Pawan Kumar.....

Class and Section:..... B.A. and B.Sc. IInd Sem.....

Subject:..... Vector Calculus.....

| Week | Date | Topics |
|------|-----------|-------------------------------------|
| 1 | 1-Jan-18 | TRIPLE PRODUCTS |
| | 2-Jan-18 | VECTOR TRIPLE PRODUCT |
| | 3-Jan-18 | VECTOR PRODUCT OF FOUR VECTORS |
| | 4-Jan-18 | RECIPROCAL SYSTEM OF VECTORS |
| | 5-Jan-18 | REVISION |
| | 6-Jan-18 | COLLEGE TEST |
| | 7-Jan-18 | Sunday |
| 2 | 8-Jan-18 | VECTOR FUNCTION |
| | 9-Jan-18 | SUCCESSIVE DERIVATIVES |
| | 10-Jan-18 | CURVES IN SPACE |
| | 11-Jan-18 | DERIVATIVE ALONG A CURVE |
| | 12-Jan-18 | DIRECTIONAL DERIVATIVES |
| | 13-Jan-18 | REVISION |
| | 14-Jan-18 | Sunday |
| 3 | 15-Jan-18 | PARTIAL DERIVATIVES |
| | 16-Jan-18 | GRADIENT |
| | 17-Jan-18 | LEVEL SURFACES |
| | 18-Jan-18 | DIVERGENCE |
| | 19-Jan-18 | REVISION |
| | 20-Jan-18 | CURL |
| | 21-Jan-18 | Sunday |
| 4 | 22-Jan-18 | Vasant Panchami |
| | 23-Jan-18 | PROPERTIES OF CURL |
| | 24-Jan-18 | Sir Chhotu Ram Jayanti |
| | 25-Jan-18 | LAPLACIAN OPERATOR |
| | 26-Jan-18 | Republic Day |
| | 27-Jan-18 | TEST |
| | 28-Jan-18 | Sunday |
| 5 | 29-Jan-18 | ORTHOGONAL CURVILINEAR Co-ORDINATES |
| | 30-Jan-18 | VOLUME ELEMENT |
| | 31-Jan-18 | GRADIENT |

Lesson Plan

Name of the Assistant/ Associate Professor.. Pawan Kumar.....

Class and Section:.....B.A. and B.Sc. 2nd Sem.....

Subject:.....Vectors Calculus.....

| Week | Date | Topics |
|-----------|-----------|-------------------------------------|
| 1 | 1-Feb-18 | DIVERGENCE & CURL |
| | 2-Feb-18 | CYLINDRICAL COORDINATES |
| | 3-Feb-18 | TEST |
| | 4-Feb-18 | Sunday |
| 2 | 5-Feb-18 | SPHERICAL COORDINATES |
| | 6-Feb-18 | REPEAT |
| | 7-Feb-18 | REVISION |
| | 8-Feb-18 | REVISION |
| | 9-Feb-18 | REVISION |
| | 10-Feb-18 | Maharshi Dayanand Saraswati Jayanti |
| | 11-Feb-18 | Sunday |
| 3 | 12-Feb-18 | ASSIGNMENT |
| | 13-Feb-18 | Maha Shivratri |
| | 14-Feb-18 | INDEFINITE INTEGRAL |
| | 15-Feb-18 | LINE INTEGRALS |
| | 16-Feb-18 | CIRCULATION |
| | 17-Feb-18 | WORK DONE BY A FORCE |
| | 18-Feb-18 | Sunday |
| | 4 | 19-Feb-18 |
| 20-Feb-18 | | SURFACE INTEGRALS |
| 21-Feb-18 | | Do |
| 22-Feb-18 | | Do |
| 23-Feb-18 | | VOLUME INTEGRALS |
| 24-Feb-18 | | Do |
| 25-Feb-18 | | Sunday |
| 5 | 26-Feb-18 | REVISION |
| | 27-Feb-18 | REVISION |
| | 28-Feb-18 | VACATION |

Lesson Plan

Name of the Assistant/ Associate Professor: Pawan Kumar
 Class and Section: B.A. and B.Sc. 2nd sem.
 Subject: Vector Calculus

| Week | Date | Topics |
|------|-----------|---|
| 1 | 1-Mar-18 | Guru Ravidas Birthday |
| | 2-Mar-18 | Holi |
| | 3-Mar-18 | VACATION |
| | 4-Mar-18 | Sunday |
| 2 | 5-Mar-18 | GAUSS'S DIVERGENCE THEOREM |
| | 6-Mar-18 | DIVERGENCE THEOREM |
| | 7-Mar-18 | Do |
| | 8-Mar-18 | Do |
| | 9-Mar-18 | Do |
| | 10-Mar-18 | ASSIGNMENT |
| | 11-Mar-18 | Sunday |
| 3 | 12-Mar-18 | GREEN'S THEOREM |
| | 13-Mar-18 | Do |
| | 14-Mar-18 | Do |
| | 15-Mar-18 | REVISION |
| | 16-Mar-18 | REVISION |
| | 17-Mar-18 | REVISION |
| | 18-Mar-18 | Sunday |
| | 19-Mar-18 | STOKE'S THEOREM |
| 4 | 20-Mar-18 | CARTESIAN FORM |
| | 21-Mar-18 | Do |
| | 22-Mar-18 | Do |
| | 23-Mar-18 | Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev |
| | 24-Mar-18 | GREEN THEOREM IN PLANE |
| | 25-Mar-18 | Sunday/ Ram Navami |
| | 26-Mar-18 | Do |
| 5 | 27-Mar-18 | Do |
| | 28-Mar-18 | Do |
| | 29-Mar-18 | Mahavir Jayanti |
| | 30-Mar-18 | TEST |
| | 31-Mar-18 | SCALAR PRODUCT AGAIN |

Lesson Plan

Name of the Assistant/ Associate Professor.....Pawan Kumar.....

Class and Section:.....B.A. and B.Sc. 1st sem.....

Subject:.....vector calculus.....

| Week | Date | Topics |
|------|-----------|-------------------------------------|
| 1 | | Sunday |
| | 1-Apr-18 | |
| | 2-Apr-18 | VECTOR PRODUCT AGAIN |
| | 3-Apr-18 | PRODUCT OF FOUR VECTORS |
| | 4-Apr-18 | Do |
| | 5-Apr-18 | Do |
| | 6-Apr-18 | RECIPROCAL VECTORS |
| | 7-Apr-18 | Do |
| 2 | 8-Apr-18 | Sunday |
| | 9-Apr-18 | DIRECTIONAL DERIVATIVES |
| | 10-Apr-18 | Do |
| | 11-Apr-18 | GRADIENT, DIV, CURL |
| | 12-Apr-18 | REVISION |
| | 13-Apr-18 | REVISION |
| | 14-Apr-18 | Dr Ambedkar Jayanti / Vaisakhi |
| | 15-Apr-18 | Sunday |
| 3 | 16-Apr-18 | SESSIONAL |
| | 17-Apr-18 | REVISION |
| | 18-Apr-18 | Parashurama Jayanti |
| | 19-Apr-18 | QUIZ CONTEST |
| | 20-Apr-18 | ORTHOGONAL CURVILINEAR CO-ORDINATES |
| | 21-Apr-18 | Do |
| | 22-Apr-18 | Sunday |
| 4 | 23-Apr-18 | VECTOR INTEGRATION |
| | 24-Apr-18 | GAUSS, GREEN, STOKES |
| | 25-Apr-18 | REVISION |
| | 26-Apr-18 | REVISION |
| | 27-Apr-18 | REVISION |
| | 28-Apr-18 | REVISION |