



# **Miranda House**

## **UNIVERSITY OF DELHI**

---

### **Departmental Annual Report - 3**

#### **Departmental Activities: Curriculum and Beyond**

**Department: Mathematics**

**Academic Year: 2024-2025**

#### **Part A.1**

**Students undertaking project work/field work/internship as part of experiential learning component of coursework**

**Programme: B.Sc (H) Mathematics I Year**

**Semester: I and II**

**Course: Probability and Statistics (2352011103), Ordinary Differential Equations (2352011203)**

**Course Code: 2352011103, 2352011203**



# Miranda House

## UNIVERSITY OF DELHI

| S.No | Name of the Student                  | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Supervised by                           |
|------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 1.   | List of the students mentioned below | Fitting of binomial, Poisson and normal distributions, Fitting of regression line using the principle of least squares, Computation of sample correlation coefficient.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dr. Ritu Gupta, Dr. Daulti Verma        |
| 2.   | List of the students mentioned below | 1. Solutions of first, second and third order differential equations.<br>2. Plotting a family of solutions of differential equations of first, second and third order.<br>3. Solution of differential equations using method of variation of parameters.<br>4. Growth and decay model (exponential case only).<br>5. Lake pollution model (with constant/seasonal flow and pollution concentration).<br>6. Density-dependent growth model.<br>7. Predator-prey model (basic Volterra model, with density dependence, effect of DDT, two prey one predator).<br>8. Epidemic model of influenza (basic epidemic model, contagious for life, disease with carriers). | Dr. Ritu Gupta, Dr. Meetu Bhatia Grover |
|      |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |

| Sr No. | Name            | Roll No |
|--------|-----------------|---------|
| 1      | Aanya trivedi   | 83      |
| 2      | Aarushi Solanki | 39      |
| 3      | Aasha Singh     | 77      |
| 4      | Abida Bano      | 1554    |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                  |      |
|----|------------------|------|
| 5  | Alivia Dutta     | 939  |
| 6  | Amruta           | 1555 |
| 7  | Ananya Mukherjee | 561  |
| 8  | Ananya Singh     | 716  |
| 9  | Anjali Devi Gill | 474  |
| 10 | Anjali Kumari    | 1334 |
| 11 | Anjali Verma     | 897  |
| 12 | Anushka Rajput   | 1445 |
| 13 | Archisha         | 102  |
| 14 | arzoo            | 1329 |
| 15 | Ashika           | 1547 |
| 16 | Ashita VERMA     | 1464 |
| 17 | Avani Agarwal    | 608  |
| 18 | Bharti           | 1468 |
| 19 | Bhawna           | 522  |
| 20 | Bhumika Jain     | 734  |
| 21 | Disha            | 1006 |
| 22 | Eureka Deori     | 260  |
| 23 | Gajal Raj        | 352  |
| 24 | Hana Jain        | 516  |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                             |      |
|----|-----------------------------|------|
| 25 | Himadri shekhar gupta       | 1567 |
| 26 | Himani                      | 578  |
| 27 | Isha Dhiman                 | 1589 |
| 28 | ISHITA SHARMA               | 586  |
| 29 | Jaismeen Kaur               | 979  |
| 30 | Jhavar Bhavika<br>Omprakash | 1317 |
| 31 | JYOTI NARAYAN               | 1435 |
| 32 | Jyotika Rajkumari           | 1559 |
| 33 | Kanishka<br>GHUNAWAT        | 1278 |
| 34 | Kavya Singh                 | 28   |
| 35 | Khushboo Meena              | 1548 |
| 36 | Khushi Singh                | 1111 |
| 37 | Khushi Yadav                | 893  |
| 38 | Khushi Yadav                | 1237 |
| 39 | Komal                       | 1140 |
| 40 | Kriti                       | 940  |
| 41 | Lady Lisha<br>Khundongbam   | 1562 |
| 42 | Leesha Dwivedi              | 1056 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                      |      |
|----|----------------------|------|
| 43 | Mahak goyal          | 97   |
| 44 | Mahiyal Kaur Suman   | 130  |
| 45 | Manisha              | 1467 |
| 46 | MANYA AGARWAL        | 1597 |
| 47 | Meenakshi Vaishnav   | 1622 |
| 48 | NANDIKA KOHLI        | 1565 |
| 49 | Nasireen Khatoon     | 1096 |
| 50 | NEHA                 | 1648 |
| 51 | Niharika Singh       | 1545 |
| 52 | Nilesh               | 1079 |
| 53 | NISHA                | 1578 |
| 54 | Nishi Gupta          | 579  |
| 55 | Nitya sharma         | 19   |
| 56 | Pooja Kumari Devanda | 384  |
| 57 | Pooja Pawan Garg     | 204  |
| 58 | Pranjal Wala         | 165  |
| 59 | Prinsi               | 1171 |
| 60 | Prisha               | 574  |
| 61 | Priya Choudhary      | 1811 |
| 62 | Priyal Golani        | 1649 |



# **Miranda House**

## **UNIVERSITY OF DELHI**

---

|    |                   |      |
|----|-------------------|------|
| 63 | Priyanka Rajput   | 1544 |
| 64 | Priyanshi Verma   | 1185 |
| 65 | Raima Kapoor      | 1074 |
| 66 | Rakhi             | 1094 |
| 67 | Ridhima Ratnu     | 996  |
| 68 | Riya Gupta        | 1045 |
| 69 | Riya Singhal      | 432  |
| 70 | Ronak Mehra       | 615  |
| 71 | Saanvi Singh      | 1558 |
| 72 | Sahil Preet Kaur  | 488  |
| 73 | Sakshi Sharma     | 903  |
| 74 | Sakshi Yadav      | 1047 |
| 75 | Sampati Choudhary | 1081 |
| 76 | Sara              | 367  |
| 77 | Seenu             | 512  |
| 78 | SEEPRA KUMARI     | 575  |
| 79 | Sejal             | 576  |
| 80 | Serto Catherine   | 46   |
| 81 | Shalini           | 1834 |
| 82 | Simar Pandey      | 172  |



# Miranda House

## UNIVERSITY OF DELHI

|     |                  |      |
|-----|------------------|------|
| 83  | SIMRAN VERMA     | 1098 |
| 84  | Sneha            | 174  |
| 85  | Stanzin Angmo    | 838  |
| 86  | SUNITA MEENA     | 1461 |
| 87  | Surbhi Mahor     | 1466 |
| 88  | Tamanna          | 87   |
| 89  | Tamanna          | 1465 |
| 90  | Tamnna           | 1069 |
| 91  | Tanisha Jauhar   | 1557 |
| 92  | Taniya Saini     | 1090 |
| 93  | Tanya            | 467  |
| 94  | Teesha Sharma    | 529  |
| 95  | Thangjam Leisna  | 1566 |
| 96  | Tiya Garg        | 1463 |
| 97  | Umme Shariah     | 1852 |
| 98  | Vaidai Shekhawat | 1728 |
| 99  | Vanessa Ahuja    | 1620 |
| 100 | VANI BAJAJ       | 1596 |
| 101 | Vanshika         | 1044 |
| 102 | Vanshika Singh   | 786  |



# Miranda House

## UNIVERSITY OF DELHI

|     |               |     |
|-----|---------------|-----|
| 103 | Varuni Negi   | 357 |
| 104 | Yashvi Prem   | 947 |
| 105 | Ziya Mansoori | 177 |

**Programme: B.Sc (H) Mathematics II Year**

**Semester: III and IV**

**Course: Discrete Mathematics 2352012303, Numerical Analysis 2352012403**

**Course Code: 2352012303, 2352012403**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Supervised by                               |
|------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 1.   | List of students mentioned below | <p>1) Expressing relations as ordered pairs and creating relations.</p> <p>2) Finding whether or not, a given relation is: i. Reflexive ii. Antisymmetric iii. Transitive iv. Partial order</p> <p>3) Finding the following for a given partially ordered set i. Covering relations. ii. The corresponding Hasse diagram representation. iii. Minimal and maximal elements.</p> <p>4) Finding the following for a subset S of a given partially ordered set P i. Whether a given element in P is an upper bound (lower bound) of S or not. ii. Set of all upper bounds (lower bounds) of S. iii. The least upper bound (greatest lower bound) of S, if it exists.</p> <p>5) Creating lattices and determining whether or not a given partially ordered set is a lattice.</p> <p>6) Finding the following for a given Boolean polynomial function: i. Representation of Boolean polynomial function and finding its value when the Boolean variables in it take particular values over the Boolean algebra <math>\{0,1\}</math>. ii. Display in table form of all possible values of Boolean</p> | Dr. Bhawna Bansal, Dr. Durvesh Kumar Verma, |





# Miranda House

## UNIVERSITY OF DELHI

|    |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |
|----|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|    |                                      | <p>polynomial function over the Boolean algebra <math>\{0,1\}</math>.</p> <p>7) Finding the following: i. Dual of a given Boolean polynomial/expression. ii. Whether or not two given Boolean polynomials are equivalent. iii. Disjunctive normal form (Conjunctive normal form) from a given Boolean expression. iv. Disjunctive normal form (Conjunctive normal form) when the given Boolean polynomial function is expressed by a table of values.</p> <p>8) Representing a given circuit diagram (expressed using gates) in the form of Boolean expression.</p> <p>9) Minimizing a given Boolean expression to find minimal expressions.</p> |                                           |
| 2. | List of the students mentioned below | <p>Use of computer algebra system (CAS) software: Python/SageMath/Mathematica/MATLAB/Maple/Maxima/ Scilab etc., for developing the following numerical programs: 1. Bisection method. 5 2. Newton-Raphson method. 3. Secant method. 4. LU decomposition method.</p>                                                                                                                                                                                                                                                                                                                                                                              | Dr. Daulti Verma, Dr. Durvesh Kumar Verma |
|    |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |

| S.No | Roll No   | Name            |
|------|-----------|-----------------|
| 1    | 2023/7    | Aadya Agarwal   |
| 2    | 2023/1614 | Aashi Sharma    |
| 3    | 2023/1616 | Aastha Supriya  |
| 4    | 2023/43   | Aditi Bansal    |
| 5    | 2023/62   | Akanksha Kumari |



# Miranda House

## UNIVERSITY OF DELHI

|    |           |                |
|----|-----------|----------------|
| 6  | 2023/115  | Anjali         |
| 7  | 2023/116  | Anjali         |
| 8  | 2023/143  | Ankita Kumari  |
| 9  | 2023/144  | Ankita Patwa   |
| 10 | 2023/148  | Annu Yadav     |
| 11 | 2023/153  | Anshika Mittal |
| 12 | 2023/1748 | Anshita Pratap |
| 13 | 2023/161  | Anshu          |
| 14 | 2023/1716 | Anshul         |
| 15 | 2023/1592 | Apeksha Maloo  |
| 16 | 2023/245  | Ayonija Mishra |
| 17 | 2023/256  | Ayushi Singh   |
| 18 | 2023/258  | Ayushi Yadav   |
| 19 | 2023/1652 | Bhawana Joshi  |
| 20 | 2023/278  | Bhoomi Bajaj   |
| 21 | 2023/290  | Bomrik Romin   |
| 22 | 2023/1607 | Deepika        |
| 23 | 2023/417  | Gungun Singh   |
| 24 | 2023/446  | Hema           |
| 25 | 2023/452  | Himanshi Garg  |



# Miranda House

## UNIVERSITY OF DELHI

|    |           |                   |
|----|-----------|-------------------|
| 26 | 2023/477  | Ishita            |
| 27 | 2023/492  | Janika Shanker    |
| 28 | 2023/516  | Jyoti Meena       |
| 29 | 2023/1678 | Kajal Chaudhary   |
| 30 | 2023/526  | Kajal Verma       |
| 31 | 2023/536  | Kanchan Yadav     |
| 32 | 2023/538  | Kanika            |
| 33 | 2023/545  | Karam Thoibithoi  |
| 34 | 2023/566  | Kavya Jain        |
| 35 | 2023/593  | Khushi Kumari     |
| 36 | 2023/614  | Kiran Singh       |
| 37 | 2023/679  | Mahak             |
| 38 | 2023/724  | Mary Lalhruaizeli |
| 39 | 2023/733  | Mehak Gupta       |
| 40 | 2023/757  | Monika            |
| 41 | 2023/1713 | Naavya Arya       |
| 42 | 2023/785  | Naina Sanjeev     |
| 43 | 2023/831  | Niharika Singh    |
| 44 | 2023/1623 | Nishi Pal         |
| 45 | 2023/1664 | Ojaswani          |



# Miranda House

## UNIVERSITY OF DELHI

|    |          |                        |
|----|----------|------------------------|
| 46 | 2023/903 | Payal                  |
| 47 | 935      | Pragya Duggal          |
| 48 | 949      | Pratiksha Bhuyan       |
| 49 | 965      | Prerna                 |
| 50 | 1683     | Priya Mittal           |
| 51 | 982      | Priyadarshani          |
| 52 | 985      | Priyalaxmi Nongmaithem |
| 53 | 990      | Priyanka Ashke         |
| 54 | 1002     | Priyanshi              |
| 55 | 1584     | Rajshree Pukhrambam    |
| 56 | 1016     | Rakhi Singh            |
| 57 | 1026     | Rashmi Kushwaha        |
| 58 | 1033     | Reedim Gangwar         |
| 59 | 1041     | Ria Thokchom           |
| 60 | 1089     | Ruchika                |
| 61 | 1104     | Sakshi                 |
| 62 | 1719     | Sakshi Kumari          |
| 63 | 1755     | Samiti Sharma          |
| 64 | 1148     | Sanya Narang           |
| 65 | 1160     | Saziya Fatima          |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |      |                    |
|----|------|--------------------|
| 66 | 1718 | Shalini Rawat      |
| 67 | 1633 | Sheetal            |
| 68 | 1181 | Shefali Srivastava |
| 69 | 1192 | Shivani            |
| 70 | 1195 | Shivani Yadav      |
| 71 | 1205 | Shreta Singh       |
| 72 | 1736 | Simran Joshi       |
| 73 | 1261 | Siya Srivastava    |
| 74 | 1571 | Sneha              |
| 75 | 1283 | Snigdha Sehgal     |
| 76 | 1293 | Sonam Sharma       |
| 77 | 1300 | Sooryanshi         |
| 78 | 1362 | Swechcha Saxena    |
| 79 | 1366 | Sweta Mishra       |
| 80 | 1382 | Tanisha Singh      |
| 81 | 1385 | Tanishka Gupta     |
| 82 | 1701 | Taniya             |
| 83 | 1709 | Tanushree Shukla   |
| 84 | 1409 | Tejasvi            |
| 85 | 1444 | Vaidehi Kumar      |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                       |
|----|------|-----------------------|
| 86 | 1454 | Vanshika Bansal       |
| 87 | 1464 | Vanya Khurana         |
| 88 | 1589 | Vitanshi Yadav        |
| 89 | 1497 | Yashashwini Shekhawat |
| 90 | 1503 | Yashika               |

**Programme: B.Sc (H) Mathematics III Year**

**Semester: V and VI**

**Course: [32351601] COMPLEX ANALYSIS (INCLUDING PRACTICALS), [42357618]**

**PARTIAL DIFFERENTIAL EQUATIONS [2352013503], MATHEMATICAL FINANCE  
(2353010013), RESEARCH METHODOLOGY[2353010015],**

**Course Code: 42357618, 2352013503, 353010013, 2353010015**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Supervised by                 |
|------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 1.   | List of students mentioned below | Use of computer algebra software (CAS), for example Mathematica/MATLAB/Maple/Maxima/Scilab etc., for developing the following numerical programs:<br>1. Bisection method<br>2. Newton–Raphson method<br>3. Secant method<br>4. Regula–Falsi method<br>5. LU decomposition method<br>6. Gauss–Jacobi method<br>7. SOR method<br>8. Gauss–Seidel method<br>9. Lagrange interpolation<br>10. Newton interpolation<br>11. Trapezoidal rule<br>12. Simpson's rule<br>13. Euler's method<br>14. Second order Runge–Kutta methods |                               |
| 2.   | List of students mentioned below | Modeling of the following similar problems using                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Dr. Daulti Verma, Ms. Apeksha |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>Mathematica/Maple/MATLAB/Maxima/ Scilab etc.</p> <ol style="list-style-type: none"> <li>1. Make a geometric plot to show that the <math>n</math>th roots of unity are equally spaced points that lie on the unit circle <math> z  = 1</math> and form the vertices of a regular polygon with <math>n</math> sides, for <math>n = 4, 5, 6, 7, 8</math>.</li> <li>2. Find all the solutions of the equation <math>z^n = 1</math> and represent these geometrically.</li> <li>3. Write parametric equations and make a parametric plot for an ellipse centered at the origin with horizontal major axis of 4 units and vertical minor axis of 2 units. Show the effect of rotation of this ellipse by an angle of <math>t</math> radians and shifting of the centre from <math>(0,0)</math> to <math>(2,1)</math>, by making a parametric plot.</li> <li>4. Show that the image of the open disk <math> z - 1 - 9i  &lt; 1</math> under the linear transformation <math>w = f(z) = (3 - 4i)z + 6 + 2i</math> is the open disk: <math>D_5(-1 + 3i) = \{w :  w + 1 - 3i  &lt; 5\}</math>.</li> <li>5. Show that the image of the right half plane <math>\text{Re } z = x &gt; 1</math> under the linear transformation <math>w = (-1 + i)z - 2 + 3i</math> is the half plane <math>\text{Re } w &gt; 7</math>, where <math>u = \text{Re}(w)</math>, etc. Plot the map.</li> <li>6. Show that the image of the right half plane <math>A = \{z : \text{Re } z \geq C\}</math> under the mapping <math>w = U_m = z - 1</math> is the closed disk <math> w  \leq 1</math> in the <math>w</math>-plane.</li> <li>7. Make a plot of the vertical lines <math>x = a</math>, for <math>a = -1, -C, C, 1</math> and the horizontal lines <math>y = b</math>, for <math>b = -1, -C, C, 1</math>. Find the plot of this grid under the mapping <math>w = U_m = z - 1</math>.</li> <li>8. Find a parametrization of the polygonal path <math>C = C_1 + C_2 + C_3</math> from <math>-1 + i</math> to <math>3 - i</math>, where <math>C_1</math> is the line from: <math>-1 + i</math> to <math>-1</math>, <math>C_2</math> is the line from: <math>-1</math> to <math>1</math></li> </ol> |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|



# Miranda House

## UNIVERSITY OF DELHI

|   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                    |
|---|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|   |  | <p>+ i and C3 is the line from <math>1 + i</math> to <math>3 - i</math>. Make a plot of this path.</p> <p>9. Plot the line segment 'L' joining the point <math>A = 0</math> to <math>B = 2 + tj</math> and give an exact calculation of <math>\int_L z dz</math>.</p> <p>10. Plot the semicircle 'C' with radius 1 centered at <math>z = 2</math> and evaluate the contour integral <math>\int_C z dz</math>.</p> <p>11. Show that <math>\int_{C_1} z dz = \int_{C_2} z dz = 4 + 29i</math> where <math>C_1</math> is the line segment from <math>-1 - i</math> to <math>3 + i</math> and <math>C_2</math> is the portion of the parabola <math>x = y^2 + 2y</math> joining <math>-1 - i</math> to <math>3 + i</math>. Make plots of two contours <math>C_1</math> and <math>C_2</math> joining <math>-1 - i</math> to <math>3 + i</math>.</p> <p>12. Use ML inequality to show that <math> \int_C z dz  \leq C</math>, where <math>C</math> is the straight line segment from <math>2</math> to <math>2 + i</math>. While solving, represent the distance from the point <math>z</math> to the points <math>i</math> and <math>-i</math>, respectively, i.e. <math>m - 9</math> and <math>m + 9</math> on the complex plane <math>\mathbb{C}</math>.</p> <p>13. Show that <math>\int_C z^{1/2} dz</math>, where <math>z^{1/2}</math> is the principal branch of the square root function and <math>C</math> is the line segment joining <math>4</math> to <math>8 + 6i</math>. Also plot the path of integration.</p> <p>14. Find and plot three different Laurent series representations for the function <math>U_m = C + \frac{1}{z}</math>, involving powers of <math>z</math>.</p> <p>15. Locate the poles of <math>U_m = u + C \frac{1}{z} + u</math> and specify their order.</p> <p>16. Locate the zeros and poles of <math>f(z) = \frac{1}{z^2}</math> and determine their order. Also justify that <math>\text{Res}(f, 0) = 2 - \pi i</math>.</p> <p>17. Evaluate <math>\int_{\gamma} \exp(z) dz</math> where <math>\gamma</math> denotes the circle <math>\{z :  z  = 1\}</math> with positive orientation. Similarly evaluate <math>\int_{\gamma} \frac{1}{z} dz</math>.</p> |                                    |
| 3 |  | <p>1. General solution of first and second order partial differential equations.</p> <p>2. Solution and plotting of Cauchy problem for first order PDEs.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dr. Monika Arora, Dr. Jyoti Talwar |





# Miranda House

## UNIVERSITY OF DELHI

|    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |
|----|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
|    |  | <p>3. Plotting the characteristics for the first order partial differential equations.</p> <p>4. Solution of vibrating string problem using D'Alembert formula with initial conditions.</p> <p>5. Solution of heat equation <math>u_{tt} = k u_{xx}</math> with initial conditions.</p> <p>6. Solution of one-dimensional wave equation with initial conditions: i. <math>u(x, 0) = f(x)</math>, <math>u_t(x, 0) = g(x)</math>, <math>x \in \mathbb{R}</math>, <math>t &gt; 0</math> ii. <math>u(x, 0) = f(x)</math>, <math>u_t(x, 0) = g(x)</math>, <math>u(0, t) = 0</math>, <math>x \in \mathbb{R}</math>, <math>t &gt; 0</math> iii. <math>u(x, 0) = f(x)</math>, <math>u_t(x, 0) = g(x)</math>, <math>u_{xx}(0, t) = 0</math>, <math>x \in \mathbb{R}</math>, <math>t &gt; 0</math></p> <p>7. Solution of traffic flow problem with given initial conditions, and plotting of the</p> |                                                  |
| 4. |  | <p>1. Computing simple, nominal, and effective rates. Conversion and comparison.</p> <p>2. Computing price and yield of a bond.</p> <p>3. Comparing spot and forward rates. 4. Computing bond duration and convexity.</p> <p>5. Trading strategies involving options.</p> <p>6. Simulating a binomial price path.</p> <p>7. Computing price of European call and put options when the underlying follows a binomial model (using Monte Carlo simulation).</p> <p>8. Estimating volatility from historical data of stock prices.</p> <p>9. Simulating lognormal price path. 10. Computing price of European call and put options when the underlying</p> <p>11. Implementing the Black-Scholes formulae. 12. Computing Greeks for European call and put options.</p>                                                                                                                        | Sarik Idrisi, Manoj Rawal<br>Mohit kumar Macchal |
| 5  |  | <p>1. Starting LaTeX, Preparing an input file, Sequences and paragraphs, Quotation marks, Dashes, Space after a period, Special symbols, Simple text-</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Prof.(Dr.) Manjari<br>Srivastava, Sarik Idrisi   |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>generating commands, Emphasizing text, Preventing line breaks, Footnotes, ignorable input.</p> <p>2. The document, The document class, The title page, Sectioning, Displayed material, Quotations, Lists, Displayed formulas, Declarations.</p> <p>3. Running LaTeX, Changing the type style, Accents, Symbols, Subscripts and superscripts, Fractions, Roots, Ellipsis.</p> <p>4. Mathematical Symbols, Greek letters, Calligraphic letters, Log-like functions, Arrays, The array environment, Vertical alignment, Delimiters, Multiline formulas.</p> <p>5. Putting one thing above another, Over and underlining, Accents, Stacking symbols, Spacing in math mode, Changing style in math mode, Type style, Math style.</p> <p>6. Defining commands, Defining environments, Theorems.</p> <p>7. Figure and tables, Marginal notes, The tabbing environment, The tabular environment.</p> <p>8. The Table and contents, Cross-references, Bibliography and citation.</p> <p>9. Beamer: Templates, Frames, Title page frame, Blocks, Simple overlays, Themes.</p> <p>10. PSTricks</p> <p>11. Demonstration of web resources.</p> |  |
|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

| S. No. | Roll No. | Name |
|--------|----------|------|
|        |          |      |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                 |
|----|------|-----------------|
| 1  | 5    | AAKANKSHA VERMA |
| 2  | 61   | AKANKSHA        |
| 3  | 64   | AKANKSHA DUBEY  |
| 4  | 87   | ALKA RANI       |
| 5  | 89   | AMBIKA DIGRA    |
| 6  | 105  | ANANYA GUPTA    |
| 7  | 119  | ANISHA          |
| 8  | 146  | ANMIGHA NAIR    |
| 9  | 159  | ANSHIKA JINDAL  |
| 10 | 171  | ANUSHKA         |
| 11 | 1531 | ANUSHKA SINGH   |
| 12 | 193  | ARPITA          |
| 13 | 222  | BANSHIKA SINGH  |
| 14 | 224  | BARKHA          |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                   |
|----|------|-------------------|
| 15 | 258  | CHESHTA UPRETI    |
| 16 | 300  | DHANVI SARDANA    |
| 17 | 1372 | DIVYA KUMARI      |
| 18 | 317  | DIVYA SHARMA      |
| 19 | 350  | GARGI GANGAN      |
| 20 | 378  | HANSIKA GAUTAM    |
| 21 | 400  | HIMANI            |
| 22 | 408  | HIMANSHI THAKUR   |
| 23 | 426  | ISHA RAJ          |
| 24 | 432  | ISHITA            |
| 25 | 442  | JASBINA QUADRI    |
| 26 | 469  | KALPANA CHOUDHARY |
| 27 | 1379 | KAMLESH MEENA     |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                 |
|----|------|-----------------|
| 28 | 473  | KAMNA           |
| 29 | 483  | KANIKA PANWAR   |
| 30 | 1380 | KARISHMA SEHGAL |
| 31 | 525  | KHUSHI JAIN     |
| 32 | 529  | KHUSHI NIRMAL   |
| 33 | 1596 | KIRAN           |
| 34 | 541  | KIRAN MEENA     |
| 35 | 547  | KIRTI TOMAR     |
| 36 | 569  | KUMARI ASIMA    |
| 37 | 577  | KUSUM           |
| 38 | 589  | LISITA          |
| 39 | 613  | MANJU           |
| 40 | 1524 | MANSHI          |
| 41 | 616  | MANSHI GUPTA    |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                            |
|----|------|----------------------------|
| 42 | 663  | MUSKAN                     |
| 43 | 665  | MUSKAN                     |
| 44 | 1390 | MUSKAN JAKHAR              |
| 45 | 686  | NAKSHATA AGARWAL           |
| 46 | 706  | NANDITA                    |
| 47 | 708  | NAVDEEP KAUR               |
| 48 | 709  | NAVYA DABAS                |
| 49 | 718  | NEHA MAURYA                |
| 50 | 726  | NIDHI LOHIA                |
| 51 | 728  | NIDHI YADAV                |
| 52 | 741  | NISHA KUMARI               |
| 53 | 778  | PATEL KHUSHI<br>SURESHBHAI |
| 54 | 782  | PAYAL KUMARI               |
| 55 | 784  | PINTU THOKCHOM             |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                  |
|----|------|------------------|
| 56 | 787  | POOJA            |
| 57 | 788  | POOJA            |
| 58 | 805  | PRACHI BAINSLA   |
| 59 | 830  | PRATIBHA PRAKASH |
| 60 | 864  | PRIYANSHI RAJ    |
| 61 | 868  | PUNGBALE RANGKAU |
| 62 | 928  | RISHIKA AGGARWAL |
| 63 | 932  | RITI SANDHU      |
| 64 | 1604 | RUSHDA           |
| 65 | 1032 | SEJAL KUMARI     |
| 66 | 1521 | SHEJAL           |
| 67 | 1070 | SHIVANI          |
| 68 | 1617 | SHIVANI YADAV    |
| 69 | 1079 | SHRADHA TARKAR   |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                     |
|----|------|---------------------|
| 70 | 1085 | SHREYA GUSAIN       |
| 71 | 1118 | SIYA                |
| 72 | 1162 | SRISHTI TIWARI      |
| 73 | 1165 | STUTI SINGH         |
| 74 | 1171 | SUHANA              |
| 75 | 1178 | SUNALI              |
| 76 | 1231 | TANYA YADAV         |
| 77 | 1237 | TEJAL PANCHOLI      |
| 78 | 1254 | TVISHA SINGH        |
| 79 | 1259 | UMAIMA ZIA PIPEWALA |
| 80 | 1284 | VANSHIKA VIJ        |
| 81 | 1290 | VARSHA SINGH        |
| 82 | 1294 | VARUNIKA PATHAK     |
| 83 | 1295 | VEDIKA NARAD        |





# Miranda House

## UNIVERSITY OF DELHI

|    |      |                |
|----|------|----------------|
| 84 | 1308 | VRINDA RASTOGI |
| 85 | 1316 | YASHI DINKAR   |

**Programme: B.SC. (PROG.), B.A. (PROG), GE, III Year**

**Semester: V and VI**

**Course: Probability and Statistics (B.SC. (PROG.) [2352203601], Probability and Statistics (B.A. (PROG.)[2352203601] , NUMERICAL METHODS[42357618], MATHEMATICAL PYTHON (GE), MATHEMATICAL PYTHON ( BA. (Prog.))**

**Course Code: 2352203601, 42357618**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Supervised by                                            |
|------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1.   | List of students mentioned below | Software labs using Microsoft Excel or any other spreadsheet.<br>1) Presentation and analysis of data (univariate and bivariate) by frequency tables, descriptive statistics, stem-and-leaf plots, dotplots, histograms, boxplots, comparative boxplots, and probability plots<br>2) Fitting of binomial, Poisson, and normal distributions.<br>3) Illustrating the Central Limit Theorem through Excel.<br>4) Fitting of regression line using the principle of least squares.<br>5) Computation of sample correlation coefficient. | Dr. Rekha Gupta, Dr. Ritu Gupta, Dr. Meetu Bhatia Grover |
| 2.   | List of students mentioned below | Use of Computer Algebra System (CAS), for example MATLAB/Mathematica/Maple/Maxima/ Scilab etc., for developing the following Numerical Programs:<br>1. Bisection Method<br>2. Secant Method and Regula-Falsi Method<br>3. Newton-Raphson Method                                                                                                                                                                                                                                                                                      | Manoj Rawal, Dr. Shweta Gandhi                           |



# Miranda House

## UNIVERSITY OF DELHI

|    |  |                                                                                                                                                                                                                                                                             |                             |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|    |  | 4. Gaussian elimination method and Gauss–Jordan method<br>5. Jacobi Method and Gauss–Seidel Method<br>6. Lagrange interpolation and Newton interpolation<br>7. Trapezoidal and Simpson’s rule.<br>8. Euler methods for solving first order initial value problems of ODE’s. |                             |
| 3. |  | 1. Installation, update, and maintenance of code, troubleshooting. 2. Implementation of all methods learned in theory.<br>3. Explore and explain API level integration and working of two problems with standard Python code.                                               | Apeksha Verma, Sarik Idrisi |
|    |  |                                                                                                                                                                                                                                                                             |                             |

### B.SC. (PROG.) SEM-VI

| S.NO | NAME                    | EXAM ROLL NUMBER |
|------|-------------------------|------------------|
| 1    | MANISHKA PANDEY         | 22047582014      |
| 2    | PRERNA BHARTI           | 22047582045      |
| 3    | SEZAL GARG              | 22047582024      |
| 4    | PRATIBHA KANWAR RATHORE | 22047582034      |
| 5    | ISHA                    | 22047582035      |
| 6    | MEENAKSHI TIWARI        | 22047582038      |
| 7    | JAHNAVI                 | 22047582025      |
| 8    | PRATIKSHA THAKUR        | 22047582029      |



# Miranda House

## UNIVERSITY OF DELHI

|    |                 |             |
|----|-----------------|-------------|
| 9  | SANJANA CHIMWAL | 22047582002 |
| 10 | KHUSHI UPADHYAY | 22047582009 |
| 11 | ANSHIKA GANJOO  | 22047582044 |
| 12 | SNEHA GUPTA     | 22047582012 |
| 13 | ANSHITA SAXENA  | 22047582040 |
| 14 | ESHEETA SHARMA  | 22047582001 |
| 15 | VANCHITA SHARMA | 22047582030 |
| 16 | MEHAK           | 22047582007 |
| 17 | AKSHITA GUPTA   | 22047582032 |
| 18 | AGRIMA SINGH    | 22047582039 |
| 19 | SHIKSHA MALL    | 22047582013 |
| 20 | UNNATI SHARMA   | 22047582008 |
| 21 | NANDINI KUTIYAL | 22047582015 |
| 22 | JANHVI          | 22047582020 |
| 23 | NEHA BISHT      | 22047582036 |
| 24 | NANDINI YADAV   | 22047582010 |
| 25 | PRIYA RANI      | 22047582043 |
| 26 | TVISHA KHATRI   | 22047582018 |
| 27 | NEETU RANI      | 22047582042 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                    |             |
|----|--------------------|-------------|
| 28 | ANJALI             | 22047582021 |
| 29 | YASHASVI GOSWAMI   | 22047582005 |
| 30 | MEENU SEVDA        | 22047582028 |
| 31 | VARTIKA MOHAN      | 22047582011 |
| 32 | SHANVI             | 22047582017 |
| 33 | LAVANYA AMIT       | 22047582016 |
| 34 | PURVA VARSHNEY     | 22047582019 |
| 35 | HARSHITA CHAUDHARY | 22047582041 |
| 36 | NIKITA             | 22047582031 |
| 37 | HARSHITA YADAV     | 22047582004 |
| 38 | NIDHI KUMARI       | 22047582022 |
| 39 | PALAK              | 22047582006 |
| 40 | SHIVANSHI YOGI     | 22047582023 |
| 41 | SHEETAL YADAV      | 22047582026 |
| 42 | SEJAL              | 22047582037 |

### BA(PROG.) SEM-VI

| S.No | Name  |
|------|-------|
| 1    | Kiran |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                    |
|----|--------------------|
| 2  | Pratishtha Nanda   |
| 3  | Mehak Sharma       |
| 4  | Akriti Tiwari      |
| 5  | Mitali Rathore     |
| 6  | Nengjoujam         |
| 7  | Agrima             |
| 8  | Anjali Roy         |
| 9  | Muskan             |
| 10 | Khushi Yadav       |
| 11 | Diya Davidson      |
| 12 | Soumya Chopra      |
| 13 | Almanya Pal        |
| 14 | Arpita Luha        |
| 15 | Nimrat Kaur Chahal |
| 16 | Tarana Upadhyay    |
| 17 | Disha Singh        |



# Miranda House

## UNIVERSITY OF DELHI

---

### MATHEMATICAL PYTHON (GE)

| S.No. | Roll Number | Name            |
|-------|-------------|-----------------|
| 1     | 6           | Aadvika Patel   |
| 2     | 66          | Akansha Kandari |
| 3     | 74          | Akshita Meena   |
| 4     | 1740        | Amisha Gupta    |
| 5     | 1617        | Anjali Kushwaha |
| 6     | 154         | Anshika Sharma  |
| 7     | 186         | Anushree Patel  |
| 8     | 1764        | Anvesha Garg    |
| 9     | 189         | Apala           |
| 10    | 1767        | Arushi Singh    |
| 11    | 271         | Bhavna Singh    |



# **Miranda House**

## **UNIVERSITY OF DELHI**

---

|    |      |                    |
|----|------|--------------------|
| 12 | 1635 | Bhavya Rana        |
| 13 | 360  | Divya Jyoti Semwal |
| 14 | 400  | Garima             |
| 15 | 405  | Gauri Jaswal       |
| 16 | 470  | Isha Singh         |
| 17 | 558  | Kashvi Sharma      |
| 18 | 688  | Mahi Choudhary     |
| 19 | 1609 | Mohini             |
| 20 | 817  | Neha Mawai         |
| 21 | 828  | Nidhi Sinha        |
| 22 | 1700 | Poonam Yadav       |
| 23 | 920  | Poorva Shaktawat   |
| 24 | 1765 | Prachi Kumari      |
| 25 | 934  | Pragya Deshwal     |
| 26 | 939  | Pranavi Rawat      |
| 27 | 957  | Preeti             |



# **Miranda House**

## **UNIVERSITY OF DELHI**

---

|    |      |                  |
|----|------|------------------|
| 28 | 1027 | Rashmi Prabha    |
| 29 | 1036 | Reena            |
| 30 | 1762 | Ritika           |
| 31 | 1065 | Ritika Singh     |
| 32 | 1127 | Sandhya Kumari   |
| 33 | 1768 | Sanya Chaudhary  |
| 34 | 1216 | Shreya Shukla    |
| 35 | 1227 | Shruti Gupta     |
| 36 | 1702 | Siddhika         |
| 37 | 1257 | Simran Chaudhary |
| 38 | 1610 | Swarnima Singh   |
| 39 | 1414 | Tina Nagpure     |
| 40 | 1470 | Vartika Bijay    |
| 41 | 1498 | Yashasvi         |

**MATHEMATICAL PYTHON (B.A. (Prog))**





# Miranda House

## UNIVERSITY OF DELHI

| S.No. | Roll Number | Name                     |
|-------|-------------|--------------------------|
| 1     | 17          | AANJOLEENA               |
| 2     | 259         | AYUSHI YADAV             |
| 3     | 311         | DEEKSHA SINGH            |
| 4     | 327         | DEVANANDA S              |
| 5     | 1672        | DHRITI GOYAL             |
| 6     | 368         | DIVYANI PATIDAR          |
| 7     | 412         | GOPIKA SAJI              |
| 8     | 423         | GUNNAVI SALLY            |
| 9     | 576         | KHUSHI                   |
| 10    | 594         | KHUSHI KUMARI<br>RAJBHAR |
| 11    | 643         | KUMARI ANANYA            |
| 12    | 661         | LAXMI                    |
| 13    | 664         | LEEZA CHAUDHARY          |



# Miranda House

## UNIVERSITY OF DELHI

|    |      |                 |
|----|------|-----------------|
| 14 | 833  | NIHITA RAJ      |
| 15 | 904  | PAYAL           |
| 16 | 1125 | SANCHI BINDLISH |
| 17 | 1744 | SNEHA GUPTA     |
| 18 | 1314 | SRISHTI VERMA   |
| 19 | 1597 | SURIDDHI NEGI   |
| 20 | 1572 | TEJASWITA DALAL |
| 21 | 1494 | YAASHI SHAH     |
| 22 | 1698 | YASHIKA RAWAT   |

**Programme: VAC**

**Semester: II**

**Course: Vedic Mathematics-I**

**Course Code: 6967000020**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                       | Supervised by     |
|------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1.   | List of students mentioned below | <ul style="list-style-type: none"><li>• Conduct workshops under the supervision of the course teacher to spread awareness on the utility of Vedic Mathematics.</li><li>• Students are required to visit nearby retail shops/local vendors to purchase stationery/vegetables/bread and butter and use tricks of Vedic maths of addition and subtraction to</li></ul> | Mr. Mohit Machhal |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |                                                                                                                                                                                                                                      |  |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>calculate the amount to pay and receive the difference.</p> <ul style="list-style-type: none"> <li>• Students may share their experience with the class teacher in the form of audio video presentations of 15 minutes</li> </ul> |  |
|  |  |                                                                                                                                                                                                                                      |  |

| S. No. | Name                   |
|--------|------------------------|
| 1      | PRIYANKA KUMARI        |
| 2      | GAARGI MITTAL          |
| 3      | BHOOMIKA SHARMA        |
| 4      | KAUSHIKI SHARMA        |
| 5      | NAINA                  |
| 6      | SOMYA YADAV            |
| 7      | DEEKSHA RAWAT          |
| 8      | ALISHA NAGPAL          |
| 9      | ANKEETA BANGOTRA       |
| 10     | HANNAH RAE ZACHARIAH   |
| 11     | APRAJITA KUMARI        |
| 12     | VIDUSHI AGARWAL        |
| 13     | MAHAK MEENA            |
| 14     | SHREYA SHREERUPA SAHOO |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                             |
|----|-----------------------------|
| 15 | SAKSHI YADAV                |
| 16 | NEHA                        |
| 17 | KRRISHN LEELOTPAL<br>DIVYAA |
| 18 | NISHA                       |
| 19 | PAYAL YADAV                 |
| 20 | HIMADRI SHEKHAR GUPTA       |
| 21 | TANIYA SAINI                |
| 22 | BHARTI                      |
| 23 | SALINI SHARMA               |
| 24 | DISHA MAHAUR                |
| 25 | RIYA SINGHAL                |
| 26 | PRIYANSHI VERMA             |
| 27 | ZIYA MANSOORI               |
| 28 | KHUSHI SINGH                |
| 29 | POOJA PAWAN GARG            |
| 30 | SEJAL                       |
| 31 | VANESSA AHUJA               |
| 32 | BHAWNA                      |
| 33 | ISHITA SHARMA               |
| 34 | RAKHI                       |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                 |
|----|-----------------|
| 35 | ARCHISHA        |
| 36 | GAYATRI SHARMA  |
| 37 | GUNGUN          |
| 38 | GUNGUN          |
| 39 | ISHA            |
| 40 | AARJU           |
| 41 | DIVYA           |
| 42 | ANSHU SHARMA    |
| 43 | TAMANNA         |
| 44 | AAKANKSHA SAINI |
| 45 | KAVITA KUMARI   |
| 46 | BIDISHA SHREE   |
| 47 | ANUSHKA SHREE   |
| 48 | SHWETA          |
| 49 | PALAK           |
| 50 | RAMAYANI ROY    |
| 51 | MADANIKA P N    |
| 52 | DIVANSHI TOMAR  |
| 53 | SHRIJI SINGH    |
| 54 | KAJAL           |



# Miranda House

## UNIVERSITY OF DELHI

|    |                     |
|----|---------------------|
| 55 | SARABJOT KAUR       |
| 56 | SEEMA MANJHU        |
| 57 | AKSHRA SRIVASTAVA   |
| 58 | VIDARSHANA BHARDWAJ |
| 59 | AYUSHI PAL          |

**Programme: VAC**

**Semester: II, III**

**Course: Vedic Mathematics-I [6967000020], Vedic Mathematics-II [6967006001],**

**Vedic Mathematics-III [6967007001]**

**Course Code: 6967000020, 6967006001, 6967007001**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Supervised by      |
|------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1.   | List of students mentioned below | <ul style="list-style-type: none"><li>• Conduct workshops under the supervision of the course teacher to spread awareness on the utility of Vedic Mathematics.</li><li>• Students are required to visit nearby retail shops/local vendors to purchase stationery/vegetables/bread and butter and use tricks of Vedic maths of addition and subtraction to calculate the amount to pay and receive the difference.</li><li>• Students may share their experience with the class teacher in the form of audio video presentations of 15 minutes</li></ul> | Dr. Shweta Gandhi, |
| 2.   | List of students mentioned below | Application of Vedic Maths through various Sutras.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Dr. Durvesh Verma  |
| 3.   | List of students mentioned below | Application of Vedic Maths through various Sutras and Upsutras.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mr. Manoj Rawal    |
|      |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

### Vedic Mathematics-II

| S. NO. | NAME                  |
|--------|-----------------------|
| 1      | GAURI SHARMA          |
| 2      | LOVISHA               |
| 3      | TANISHA               |
| 4      | ANNU NEHRA            |
| 5      | AKSHITA               |
| 6      | KHUSHI YADAV          |
| 7      | TAMANNA               |
| 8      | TANYA                 |
| 9      | ANJALI VERMA          |
| 10     | SAKSHI SHARMA         |
| 11     | MAHIYAL KAUR<br>SUMAN |
| 12     | PRISHA                |
| 13     | JAISMEEN KAUR         |
| 14     | TAMNNA                |
| 15     | ALIVIA DUTTA          |
| 16     | MANISHA               |



# Miranda House

## UNIVERSITY OF DELHI

|    |                       |
|----|-----------------------|
| 17 | NISHA                 |
| 18 | NILESH                |
| 19 | ANUSHKA RAJPUT        |
| 20 | NIHARIKA SINGH        |
| 21 | ABIDA BANO            |
| 22 | SIMAR PANDEY          |
| 23 | CHANDNI<br>SRIVASTAVA |
| 24 | KASHAK SHARMA         |
| 25 | ADITI SINGH           |
| 26 | BHUMI                 |
| 27 | MANEESHA CHAUHAN      |

**Programme: VAC**

**Semester: IV**

**Course: Vedic Mathematics-II [6967006001],**

**Vedic Mathematics-III [6967007001], Vedic Mathematics-IV (6967008001)**

**Course Code: 6967006001, 6967007001, 6967008001**

| S.No | Name of the Student              | Project Title                                      | Supervised by     |
|------|----------------------------------|----------------------------------------------------|-------------------|
| 1.   | List of students mentioned below | Application of Vedic Maths through various Sutras. | Dr. Durvesh Verma |
| 2.   | List of students mentioned below | Application of Vedic Maths through various Sutras. | Mr. Manoj Rawal   |
| 3.   | List of students mentioned below | Application of Vedic Maths through various Sutras. | Sarik Idrisi      |
|      |                                  |                                                    |                   |





# Miranda House

## UNIVERSITY OF DELHI

---

### Vedic Mathematics-II

| S.NO | NAME              |
|------|-------------------|
| 1    | RITU SOREN        |
| 2    | BHAVYA GOEL       |
| 3    | BHAVYA JORWAL     |
| 4    | PRIYANKA KUMARI   |
| 5    | SUHANI            |
| 6    | ANANYA MAHESHWARI |
| 7    | SANSHITA SUMAN    |
| 8    | HIMANI MALHOTRA   |
| 9    | AASTHA PANDA      |
| 10   | SHREYA PURI       |
| 11   | KRATI SAXENA      |
| 12   | KAVYA JAIN        |
| 13   | BHUMIKA RAWAT     |
| 14   | KHUSHI AGGARWAL   |
| 15   | KARTIKA           |
| 16   | AKSHITA SINGH     |
| 17   | KHUSHI KHICHAIR   |
| 18   | DEEPALI JANI      |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                               |
|----|-------------------------------|
| 19 | JAYA GAYATHRI<br>CHINTHAPALLY |
| 20 | ANANYA JAGGI                  |
| 21 | AADITI                        |
| 22 | RITIKA KUMARI                 |
| 23 | MANJU                         |
| 24 | PREETI                        |
| 25 | MAHI SINGH                    |
| 26 | PRAGYA                        |
| 27 | PUNIT NANDINI                 |
| 28 | SIMRAN                        |
| 29 | SAKSHI SHEKHAR                |
| 30 | MANJEETA                      |
| 31 | ARUNIMA GULATI                |
| 32 | RISHIKA                       |
| 33 | RITIKA PANT                   |
| 34 | SHWETA SHAH                   |
| 35 | KOMAL YADAV                   |
| 36 | KANIKA                        |
| 37 | ISHITA                        |
| 38 | TANIYA                        |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                    |
|----|--------------------|
| 39 | SAZIYA FATIMA      |
| 40 | KARTHIKA JAYAKUMAR |
| 41 | SNEHA              |
| 42 | ANVEETA MOHANTY    |
| 43 | LEEZA RANA         |
| 44 | GARGI TRIPATHI     |
| 45 | ABHILIPSA PATRA    |
| 46 | BHUMIKA            |
| 47 | AYUSHI GUPTA       |
| 48 | KUSUM GUPTA        |
| 49 | NICE SHARMA        |
| 50 | AANCHAL BODH       |
| 51 | KASHMA KALAI       |
| 52 | YASHIKA            |
| 53 | SHYAMLI RAI        |
| 54 | AYUSHI YADAV       |
| 55 | SANCHI BINDLISH    |
| 56 | ANUSHKA TYAGI      |
| 57 | TANNISHA GUPTA     |
| 58 | VANSHIKA CHANDNA   |



# Miranda House

## UNIVERSITY OF DELHI

59

PRIYA MISHRA

### VEDIC MATHEMATICS - III

| S.NO | NAME            |
|------|-----------------|
| 1    | PRIYANKA KUMARI |
| 2    | TANVI BANSAL    |
| 3    | SANDHYA KUMARI  |
| 4    | JASVEEN KAUR    |
| 5    | RASHMI RANI     |
| 6    | DISHA GURJAR    |
| 7    | ANVI CHAWLA     |
| 8    | SWETA SINGH     |
| 9    | PRAKRITI        |
| 10   | POONAM TIWARI   |
| 11   | JANVI           |
| 12   | SHIVANI YADAV   |
| 13   | VANYA KHURANA   |
| 14   | PRIYA MITTAL    |
| 15   | AKANKSHA KUMARI |
| 16   | KAJAL CHAUDHARY |



# Miranda House

## UNIVERSITY OF DELHI

|    |                      |
|----|----------------------|
| 17 | HIMANI               |
| 18 | KM VANDANA<br>SHARMA |
| 19 | MS BHUMIKA           |
| 20 | E METNA SUBBA        |
| 21 | MUSKAN               |
| 22 | GARIMA               |
| 23 | AASTHA               |
| 24 | AACHAL RANI          |
| 25 | KANAK GOYAL          |
| 26 | ANJALI               |
| 27 | TANIYA KAUSHIK       |

### VEDIC MATHEMATICS - IV

| S.N<br>O | NAME                     |
|----------|--------------------------|
| 1        | KHUSHAALI<br>GROVER      |
| 2        | AANYA SINGH              |
| 3        | ANNU YADAV               |
| 4        | PRIYALAXMI<br>NONGMAITHE |



# Miranda House

## UNIVERSITY OF DELHI

---

|    | M                          |
|----|----------------------------|
| 5  | RIA<br>THOKCHOM            |
| 6  | RAJSHREE<br>PUKHRAMBA<br>M |
| 7  | ANSHUL                     |
| 8  | HEMA                       |
| 9  | DEEPIKA                    |
| 10 | TEJASVI                    |
| 11 | PRIYANSHI                  |
| 12 | YASHIKA                    |
| 13 | RASHMI<br>KUSHWAHA         |
| 14 | SNEHA                      |
| 15 | NIHARIKA<br>SINGH          |
| 16 | ANKITA<br>KUMARI           |
| 17 | SIYA<br>SRIVASTAVA         |



# Miranda House

## UNIVERSITY OF DELHI

|    |                               |
|----|-------------------------------|
| 18 | <b>KHUSHI<br/>KUMARI</b>      |
| 19 | <b>BHOOMI<br/>BAJAJ</b>       |
| 20 | <b>MEDHA</b>                  |
| 21 | <b>MANSI</b>                  |
| 22 | <b>LOVELY<br/>AGGARWAL</b>    |
| 23 | <b>SHOWNA<br/>SHARMA</b>      |
| 24 | <b>ANUSHKAA<br/>JAIN</b>      |
| 25 | <b>PALAK TAK</b>              |
| 26 | <b>DEEPANJALI<br/>GOSWAMI</b> |
| 27 | <b>JIGYASA RANA</b>           |

**Programme: SEC**

**Semester: III**

**Course: Basic IT Tools**

**Course Code: 2346000005**

| S.No | Name of the Student              | Project Title                                                                           | Supervised by                                   |
|------|----------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------|
| 1.   | List of students mentioned below | Introduction to Spreadsheets, Data Analysis in Spreadsheets, Word Processing, Databases | Prof. Sunila Sharma, Mr. Bikram Singh, Mr Mohit |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |                             |
|--|--|-----------------------------|
|  |  | Machhal, Dr. Rekha<br>Gupta |
|--|--|-----------------------------|

| S. No. | Student's Name  | Roll No.  |
|--------|-----------------|-----------|
| 1      | Palwi           | 2023/890  |
| 2      | Manya Singh     | 2023/1654 |
| 3      | Thasni F        | 2023/1410 |
| 4      | Uma             | 2023/1427 |
| 5      | Shrisha Manwani | 2023/1222 |
| 6      | Mahek           | 2023/685  |
| 7      | Yaashi Shah     | 2023/1494 |
| 8      | Sanya Narang    | 2023/1148 |
| 9      | Akshita Bisht   | 2023/1673 |
| 10     | Apeksha Maloo   | 2023/1592 |
| 11     | Anjali          | 2023/116  |
| 12     | Prerana Kuriya  | 2023/963  |
| 13     | Shruti Dwivedi  | 2023/1226 |
| 14     | Shachee Pandey  | 2023/1162 |
| 15     | Jasika Sharma   | 2023/496  |
| 16     | Khushi Bhatt    | 2023/585  |
| 17     | Manasvi Sharma  | 2023/697  |





# Miranda House

## UNIVERSITY OF DELHI

|    |                      |           |
|----|----------------------|-----------|
| 18 | Sweta Singh          | 2023/1367 |
| 19 | Dolly Kumar          | 2023/377  |
| 20 | Srishti<br>Asthana   | 2023/1311 |
| 21 | SASWATI<br>BORPHUKAN | 2023/1153 |
| 22 | Asra Zakeeya         | 2023/228  |
| 23 | Nirnita Ghosh        | 2023/848  |
| 24 | Ekta Goyat           | 2023/385  |
| 25 | Harshita<br>Meena    | 2023/442  |
| 26 | Dolma Lhamu          | 2023/1518 |
| 27 | Anshul               | 2023/163  |
| 28 | Ritika Tyagi         | 2023/1066 |
| 29 | Maitreyee<br>Atrey   | 2023/1665 |
| 30 | Rashmi<br>Kushwaha   | 2023/1026 |
| 31 | Nitu                 | 2023/863  |
| 32 | Aanchal Bodh         | 2023/14   |
| 33 | Yashika              | 2023/1502 |
| 34 | Gunnavi Sally        | 2023/423  |
| 35 | Shikha               | 2023/1184 |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                 |           |
|----|-----------------|-----------|
| 36 | Yana<br>Gunwant | 2023/1496 |
|----|-----------------|-----------|

|    |                     |           |
|----|---------------------|-----------|
| 37 | Jyotsna<br>Godara   | 2023/519  |
| 38 | Koyal Bagga         | 2023/632  |
| 39 | Gungun Singh        | 2023/417  |
| 40 | Priyadarshani       | 2023/982  |
| 41 | Soumya<br>kumari    | 2023/1303 |
| 42 | Kavya Jain          | 2023/566  |
| 43 | Shambhavi<br>Singh  | 2023/1174 |
| 44 | Abhilasha<br>Singh  | 2023/37   |
| 45 | Abhilasha<br>Yadav  | 2023/38   |
| 46 | Bipasha             | 2023/287  |
| 47 | Yashika             | 2023/1503 |
| 48 | Krishna<br>Vashisht | 2023/636  |
| 49 | Sonakshi            | 2023/1289 |
| 50 | Suhani Vats         | 2023/1338 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                     |           |
|----|---------------------|-----------|
| 51 | Vanshika bansal     | 2023/1454 |
| 52 | Sayali Bhagat       | 2023/1159 |
| 53 | Varisha Sharma      | 2023/1467 |
| 54 | Priyadarshini swain | 2023/1722 |
| 55 | Aditi               | 2023/40   |
| 56 | Annu Yadav          | 2023/148  |
| 57 | Tanishka Gupta      | 2023/1385 |
| 58 | Yashika Singh       | 2023/1505 |
| 59 | Apeksha Priyadarshi | 2023/191  |
| 60 | Shalini Rawat       | 2023/1718 |
| 61 | Ojaswini Upmanyu    | 2023/872  |
| 62 | Srijita Sana        | 2023/1309 |
| 63 | Akanksha Kothari    | 2023/61   |
| 64 | Shradha Jain        | 2023/1200 |
| 65 | Tanvi Bansal        | 2023/1401 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                       |           |
|----|-----------------------|-----------|
| 66 | Suhani                | 2023/1328 |
| 67 | Ria<br>Thokchom       | 2023/1041 |
| 68 | Tejasvi               | 2023/1409 |
|    |                       |           |
| 69 | Rishita<br>Chatterjee | 2023/1055 |
| 70 | Anushka singh         | 2023/181  |
| 71 | Avantika singh        | 2023/1686 |

|    |                           |           |
|----|---------------------------|-----------|
| 72 | Priyalaxmi<br>Nongmaithem | 2023/985  |
| 73 | Sneha Verma               | 2023/1278 |
| 74 | Varsha Rani               | 2023/1468 |
| 75 | Usheer Singh<br>Masaun    | 2023/1439 |
| 76 | Hema                      | 2023/446  |
| 77 | Aastha Singh              | 2023/31   |
| 78 | Jilmil Jonak<br>Kashyap   | 2023/509  |
| 79 | Ananya<br>Maheshwari      | 2023/1661 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                     |           |
|----|---------------------|-----------|
| 80 | Jaya                | 2023/501  |
| 81 | Hardika godara      | 2023/434  |
| 82 | Pari Kumawat        | 2023/893  |
| 83 | Pratigya Mahala     | 2023/947  |
| 84 | Gajal               | 2023/395  |
| 85 | Rama Vivek Gulavani | 2023/02   |
| 86 | Suhaani singh       | 2023/1326 |
| 87 | Aastha Panda        | 2023/30   |
| 88 | Disha Gurjar        | 2023/351  |
| 89 | Manvi Yadav         | 2023/720  |
| 90 | Kanika              | 2023/538  |
| 91 | Riya Koul           | 2023/1077 |
| 92 | Raghavi Bhandari    | 2023/1011 |
| 93 | Nita Singh          | 2023/857  |
| 94 | Tsering Angmo       | 2023/1533 |
| 95 | ashita kedia        | 2023/219  |



# Miranda House

## UNIVERSITY OF DELHI

|            |                      |                  |
|------------|----------------------|------------------|
|            | <b>Sakshi</b>        |                  |
| <b>96</b>  | <b>Shekhar</b>       | <b>2023/1108</b> |
| <b>97</b>  | <b>Meha</b>          | <b>2023/731</b>  |
| <b>98</b>  | <b>Ayati Rohatgi</b> | <b>2023/243</b>  |
|            | <b>Kanchan</b>       |                  |
| <b>99</b>  | <b>Yadav</b>         | <b>2023/536</b>  |
| <b>100</b> | <b>Sumedha</b>       | <b>2023/1344</b> |
| <b>101</b> | <b>Punit Nandini</b> | <b>2023/1006</b> |
| <b>102</b> | <b>Khushi</b>        | <b>2023/577</b>  |
| <b>103</b> | <b>Deepshikha</b>    | <b>2023/324</b>  |
|            | <b>Muskan</b>        |                  |
| <b>104</b> | <b>Gupta</b>         | <b>2023/773</b>  |
|            | <b>Vanshika</b>      |                  |
| <b>105</b> | <b>Dogra</b>         | <b>2023/1456</b> |
| <b>106</b> | <b>Aditi Rai</b>     | <b>2023/46</b>   |
|            | <b>Ravina</b>        |                  |
| <b>107</b> | <b>Meena</b>         | <b>2023/1031</b> |
| <b>108</b> | <b>Naavya Sinha</b>  | <b>2023/781</b>  |

|            |                      |                 |
|------------|----------------------|-----------------|
| <b>109</b> | <b>Aanya</b>         | <b>2023/18</b>  |
| <b>110</b> | <b>Ishika Khatri</b> | <b>2023/472</b> |



# Miranda House

## UNIVERSITY OF DELHI

|     |                        |           |
|-----|------------------------|-----------|
|     | Suryanshi              |           |
| 111 | Pathak                 | 2023/1355 |
| 112 | Shatakshi<br>dwivedi   | 2023/1177 |
| 113 | Noorpal Kaur<br>Sidhu  | 2023/868  |
| 114 | Priyadarshini<br>Meena | 2023/983  |
| 115 | Shobha                 | 2023/1198 |
| 116 | Nisha Kumari           | 2023/852  |
| 117 | Shallu devi            | 2023/1535 |
| 118 | Tanu<br>Choudhary      | 2023/1395 |
| 119 | Praniti jain           | 2023/940  |
| 120 | Prakriti               | 2023/937  |
| 121 | VIDUSHI<br>SONA        | 2023/1685 |
| 122 | Poonam tiwari          | 2023/918  |
| 123 | Khushi Goel            | 2023/587  |
| 124 | Neha Yadav             | 2023/822  |
| 125 | SOUMADRI<br>MUKHERJEE  | 2023/1301 |



# Miranda House

## UNIVERSITY OF DELHI

|     |                     |           |
|-----|---------------------|-----------|
| 126 | Sarbani<br>Biswas   | 2023/1150 |
| 127 | Vanshika<br>Singh   | 2023/1461 |
| 128 | Nandini<br>Agarwal  | 2023/794  |
| 129 | PRASHETHA<br>S      | 2023/945  |
| 130 | Anshika<br>Kumari   | 2023/152  |
| 131 | Sweta Dhaka         | 2023/1365 |
| 132 | Pihu Tomar          | 2023/910  |
| 133 | Priyanshi           | 2023/1004 |
| 134 | Urvika Mehra        | 2023/1438 |
| 135 | Isha pushkar        | 2023/469  |
| 136 | Priyanka rawat      | 2023/999  |
| 137 | Aryanshika<br>Chugh | 2023/1641 |
| 138 | Aayushi<br>Sharma   | 2023/35   |
| 139 | Parul               | 2023/898  |





# Miranda House

## UNIVERSITY OF DELHI

|     |                   |           |
|-----|-------------------|-----------|
| 140 | Ramneek<br>kaur   | 2023/1020 |
| 141 | ADITI<br>TRIPATHY | 2023/51   |
| 142 | KHYATI<br>PANDEY  | 2023/607  |

|     |                       |           |
|-----|-----------------------|-----------|
| 143 | Ayushi Pal            | 2023/252  |
| 144 | Shtaakshi<br>Saraswat | 2023/1236 |
| 145 | Manvi Gupta           | 2023/719  |
| 146 | Aayushi<br>Chaudhary  | 2023/34   |
| 147 | Anjana M              | 2023/135  |
| 148 | Rishita Dogra         | 2023/1536 |
| 149 | Nidhi                 | 2023/1602 |
| 150 | Payal                 | 2023/904  |
| 151 | Somya<br>khandelwal   | 2023/1287 |
| 152 | Mahhveen<br>khan      | 2023/687  |
| 153 | Trishla               | 2023/1418 |



# Miranda House

## UNIVERSITY OF DELHI

|     |                 |           |
|-----|-----------------|-----------|
|     | chadha          |           |
| 154 | Vanya Sinha     | 2023/1465 |
| 155 | Priyanka yadav  | 2023/1541 |
| 156 | Siya Srivastava | 2023/1261 |
| 157 | Gunjan singh    | 2023/421  |
| 158 | Neha chaudhary  | 2023/816  |
| 159 | Anishka         | 2023/112  |
| 160 | Gulshan Yadav   | 2023/416  |
| 161 | Mars Padu       | 2023/723  |
| 162 | Sweta Thakuri   | 2023/1563 |
| 163 | Himanshi Garg   | 2023/452  |
| 164 | Falguni Jat     | 2023/390  |
| 165 | Anshita Pratap  | 2023/1748 |
| 166 | Kavitha Paul    | 2023/565  |



# Miranda House

## UNIVERSITY OF DELHI

|     |                     |           |
|-----|---------------------|-----------|
| 167 | Shreya              | 2023/1207 |
| 168 | Purvanshi<br>Sharma | 2023/1599 |
| 169 | Nandini Singh       | 2023/797  |
| 170 | Sunidhi Rani        | 2023/1347 |

**Programme: SEC**

**Semester: III**

**Course: IT Skills and Data Analysis-I**

**Course Code:**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                | Supervised by                             |
|------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 1.   | List of students mentioned below | <b>Introduction of Measures of Central Tendency: Mean, Median, Mode through appropriate examples explaining the use of each one of them in various situations. Understanding the concept of Weighted mean; Measures of dispersion: Range, Variance, Standard deviation; Visualizing the measures of central tendency and dispersion through frequency curve and histogram. Understanding Quartiles, deciles and percentiles numerically.</b> | <b>Dr. Monika Arora, Dr. Jyoti Talwar</b> |

| S. No. | Student's       | Roll No.  |
|--------|-----------------|-----------|
| 1      | Simran<br>Joshi | 2023/1736 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                         |               |
|----|-------------------------|---------------|
| 2  | Showna<br>Sharma        | 2023/1199     |
| 3  | Tanya<br>Rajesh         | 2023/1573     |
| 4  | Vanshika<br>Venkatraman | 2023/1577     |
| 5  | Prapti<br>Mukherjee     | 2023/1546     |
| 6  | Vanshita<br>Gupta       | 2023/167<br>0 |
| 7  | Sakshi<br>Singh         | 2023/164<br>2 |
| 8  | Shreelagna<br>Dutta     | 2023/120<br>2 |
| 9  | Mannat<br>Rana          | 2023/705      |
| 10 | Shikha<br>sakshi        | 2023/1185     |
| 11 | Sania                   | 2023/1129     |
| 12 | Vanshika                | 2023/1453     |
| 13 | Praguni<br>Sanmotra     | 2023/931      |



# Miranda House

## UNIVERSITY OF DELHI

|    |                 |               |
|----|-----------------|---------------|
| 14 | Preeti Chauhan  | 2023/958      |
| 15 | Nandana Murali  | 2023/791      |
| 16 | Sanchi Bindlish | 2023/112<br>5 |
| 17 | Bhavya Jorwal   | 2023/273      |
| 18 | Ritu Soren      | 2023/106<br>8 |
| 19 | Archisha Mishra | 2023/197      |
| 20 | Akshita Singh   | 2023/75       |
| 21 | Navya Gupta     | 2023/805      |
| 22 | Ayushi Yadav    | 2023/259      |
| 23 | Vandita Vidisha | 2023/164<br>9 |

Programme: SEC  
Semester: III  
Course: IT Skills and Data Analysis-II



# Miranda House

## UNIVERSITY OF DELHI

Course Code:

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                           | Supervised by  |
|------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1.   | List of students mentioned below | Graphs of Functions and Correlation analysis : measure and interpretation of correlation coefficient, Hypotheses, model specification and testing, Bi-variate regression analysis: method of least squares, curve of best fit as a model for prediction | Dr. Sneha Mavi |

| S. No. | Student's Name   | Roll No.  |
|--------|------------------|-----------|
| 1      | Sheetal          | 2023/1633 |
| 2      | Bomrik Romin     | 2023/290  |
| 3      | Nikita Choudhary | 2023/836  |
| 4      | Sneha            | 2023/1571 |
| 5      | Bhumika rawat    | 2023/285  |
| 6      | Nachita yogi     | 2023/783  |
| 7      | Prachi           | 2023/923  |
| 8      | Bhawana joshi    | 2023/1652 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                                          |           |
|----|------------------------------------------|-----------|
| 9  | Himani<br>Malhotra                       | 2023/450  |
| 10 | SAUMYA<br>PAL                            | 2023/1157 |
| 11 | Anvi Chawla                              | 2023/188  |
| 12 | Tamanna<br>Gupta                         | 2023/1377 |
| 13 | Vidhi<br>Aggarwal                        | 2023/1475 |
| 14 | Nishi Pal                                | 2023/1623 |
| 15 | Kalpana<br>kumari                        | 2023/527  |
| 16 | Susama<br>Khan                           | 2023/1356 |
| 17 | Jaya<br>Gayathri<br><br>Chinthapall<br>y | 2023/1524 |
| 18 | Khushi<br>Kumari                         | 2023/593  |
| 19 | Kiran<br>Singh                           | 2023/614  |
| 20 | Sanshita                                 | 2023/1143 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                   |           |
|----|-------------------|-----------|
|    | suman             |           |
| 21 | Nikita Tewari     | 2023/840  |
| 22 | Devananda S       | 2023/327  |
| 23 | Mary Lalhruaizeli | 2023/724  |
| 24 | Payal             | 2023/903  |
| 25 | Khushaali Grover  | 2023/572  |
| 26 | Ojaswani          | 2023/1664 |
| 27 | Krati Saxena      | 2023/633  |
| 28 | Rashmi Rani       | 2023/1028 |
| 29 | Bhoomi Bajaj      | 2023/278  |
| 30 | Kanishka          | 2023/542  |
| 31 | Harshita Arora    | 2023/441  |
| 32 | Ankita Kumari     | 2023/143  |





# Miranda House

## UNIVERSITY OF DELHI

|    |                       |           |
|----|-----------------------|-----------|
| 33 | Mansi Rawat           | 2023/715  |
| 34 | Shreya Puri           | 2023/1213 |
| 35 | Ananya Jaggi          | 2023/91   |
| 36 | Rahnuma Firdous       | 2023/1540 |
| 37 | Ans hu                | 2023/161  |
| 38 | Upasana Bhattacharjee | 2023/1436 |
| 39 | Shreya Kumari         | 2023/1210 |
| 40 | Rasha Garewal         | 2023/1023 |
| 41 | Deepika               | 2023/1607 |

Programme: SEC  
Semester: IV  
Course: Basic IT Tools  
Course Code: 2346000005

| S.No | Name of the Student | Project Title | Supervised by |
|------|---------------------|---------------|---------------|
|------|---------------------|---------------|---------------|



# Miranda House

## UNIVERSITY OF DELHI

|    |                                  |                                                                                         |                                                                      |
|----|----------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1. | List of students mentioned below | Introduction to Spreadsheets, Data Analysis in Spreadsheets, Word Processing, Databases | Prof. Sunila Sharma, Mr. Bikram Singh, Dr. Rekha Gupta, Sarik Idrisi |
|----|----------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|

| S. No | Name            | Roll No   |
|-------|-----------------|-----------|
| 1     | ANISHA PODDAR   | 2023/111  |
| 2     | SHATAKSHI RAI   | 2023/1178 |
| 3     | SUHANI          | 2023/1330 |
| 4     | SUGANDH         | 2023/1569 |
| 5     | SUHANI AGARWAL  | 2023/1644 |
| 6     | DIVYA SINGH     | 2023/365  |
| 7     | EKTA            | 2023/383  |
| 8     | PRACHI BRAHAMIN | 2023/925  |
| 9     | VARINDA         | 2023/1466 |
| 10    | SAKSHI SINGH    | 2023/1642 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                    |               |
|----|--------------------|---------------|
| 11 | VANSHITA<br>GUPTA  | 2023/167<br>0 |
| 12 | ANVI<br>CHAWLA     | 2023/188      |
| 13 | DRISHTI<br>TYAGI   | 2023/378      |
| 14 | GRACY              | 2023/415      |
| 15 | KRATI<br>SAXENA    | 2023/633      |
| 16 | LAVANYA<br>BHADANA | 2023/659      |
| 17 | AKSHITA<br>SINGH   | 2023/75       |
| 18 | ANANYA<br>JAGGI    | 2023/91       |
| 19 | SHAGUN<br>PATEL    | 2023/116<br>4 |
| 20 | STUTI<br>KUMARI    | 2023/131<br>9 |
| 21 | SUHANI<br>ARYA     | 2023/1332     |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                     |           |
|----|---------------------|-----------|
| 22 | TANYA<br>KUMARI     | 2023/1404 |
| 23 | VANSHIKA<br>KARNANI | 2023/1458 |
| 24 | VISHAKA<br>UJJWAL   | 2023/1484 |
| 25 | VANSHIKA<br>SHARMA  | 2023/1537 |
| 26 | PRABHITI<br>RAO     | 2023/1674 |
| 27 | PRAACHI<br>SINGH    | 2023/1727 |
| 28 | HANSIKA<br>SHARMA   | 2023/432  |
| 29 | SALONI<br>KEER      | 2023/1113 |
| 30 | SAPNA<br>KUMARI     | 2023/1149 |
| 31 | MITALI<br>RAJ       | 2023/749  |
| 32 | SANIA<br>BARUAH     | 2023/1130 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                                    |           |
|----|------------------------------------|-----------|
| 33 | <b>NJANA<br/>CAROLINE<br/>TIRK</b> | 2023/1141 |
| 34 | <b>SHREYA</b>                      | 2023/1206 |
| 35 | <b>SHRUTI<br/>SINGH</b>            | 2023/1231 |
| 36 | <b>DEVANSHI</b>                    | 2023/328  |
| 37 | <b>EUKTI<br/>UJJAINKAR</b>         | 2023/389  |
| 38 | <b>HUDA<br/>KIRMANI</b>            | 2023/456  |
| 39 | <b>LAKSHITA<br/>CHAUHAN</b>        | 2023/653  |
| 40 | <b>NEHA<br/>URMA</b>               | 2023/821  |
| 41 | <b>SHUBHANGI<br/>SHANKER</b>       | 2023/1237 |
| 42 | <b>RITIKA<br/>DEEP</b>             | 2023/1059 |
| 43 | <b>SANIYA<br/>SHEKH</b>            | 2023/1139 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                    |           |
|----|--------------------|-----------|
| 44 | SHIVANSHI          | 2023/1196 |
| 45 | SUNIDHI<br>GURJAR  | 2023/1346 |
| 46 | SUNIDHI<br>SANTRA  | 2023/1348 |
| 47 | SWATI PAL          | 2023/1361 |
| 48 | ANSHIKA<br>BANTWAN | 2023/151  |
| 49 | MEGA<br>KHAJURIA   | 2023/1539 |

|    |                  |          |
|----|------------------|----------|
| 50 | ANUSHKA<br>SINGH | 2023/182 |
| 51 | ARYA RANI        | 2023/211 |
| 52 | AYUSHI SINGH     | 2023/255 |
| 53 | AABHA MISRA      | 2023/3   |
| 54 | CURICA SINGH     | 2023/305 |
| 55 | EKTA<br>AVELIYA  | 2023/384 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                        |           |
|----|------------------------|-----------|
| 56 | MANSI VERMA            | 2023/716  |
| 57 | MANYA<br>RASTOGI       | 2023/722  |
| 58 | ANDINI SINGH<br>JADAU  | 2023/798  |
| 59 | NIHARIKA<br>THAKUR     | 2023/832  |
| 60 | PRATIBHA<br>SINGH      | 2023/946  |
| 61 | PRISHA<br>PACHAURI     | 2023/968  |
| 62 | SHAKSHI RAI            | 2023/1167 |
| 63 | SHRUTIKIRTI<br>DWIVEDI | 2023/1235 |
| 64 | SNEHA BHARTI           | 2023/1268 |
| 65 | SHRUTI<br>MAHAJAN      | 2023/1618 |
| 66 | RIYANTY<br>MANNA       | 2023/1715 |
| 67 | KUMKUM                 | 2023/647  |



# Miranda House

## UNIVERSITY OF DELHI

|    |                      |           |
|----|----------------------|-----------|
| 68 | RHEA ARORA           | 2023/1040 |
| 69 | MUBASHHIRA<br>NAHEED | 2023/765  |
| 70 | BHUMIKA<br>PATHAK    | 2023/284  |
| 71 | MEHAK RAJ            | 2023/734  |
| 72 | RITIKA PANT          | 2023/1064 |
| 73 | SOMYA                | 2023/1286 |
| 74 | PALAK TEOTIA         | 2023/1725 |
| 75 | BHAWNA               | 2023/276  |
| 76 | AKANSHA<br>SINGH     | 2023/67   |
| 77 | REEDIM<br>GANGWAR    | 2023/1033 |
| 78 | SHRETA SINGH         | 2023/1205 |
| 79 | ANSHU                | 2023/161  |
| 80 | MONIKA               | 2023/757  |
| 81 | NIHARIKA<br>SINGH    | 2023/831  |





# Miranda House

## UNIVERSITY OF DELHI

|    |                    |           |
|----|--------------------|-----------|
| 82 | RAVINA<br>MEENA    | 2023/1031 |
| 83 | NIDHI              | 2023/1602 |
| 84 | NITA SINGH         | 2023/857  |
| 85 | SHREYA SINGH       | 2023/1218 |
| 86 | MISHTI<br>MEHRA    | 2023/1639 |
| 87 | AVI YADAV          | 2023/1707 |
| 88 | AYUSHI SINGH       | 2023/257  |
| 89 | KUMARI AMYA        | 2023/642  |
| 90 | LIPI SINGH         | 2023/668  |
| 91 | ANJALI             | 2023/118  |
| 92 | ANKITA RAINA       | 2023/145  |
| 93 | ANSHIKA            | 2023/149  |
| 94 | AANJOLEENA         | 2023/17   |
| 95 | ABHILASHA<br>DIWAN | 2023/36   |



# Miranda House

## UNIVERSITY OF DELHI

|     |                    |          |
|-----|--------------------|----------|
| 96  | DIVYANI<br>PATIDAR | 2023/368 |
| 97  | GOPIKA SAJI        | 2023/412 |
| 98  | KHUSHI             | 2023/576 |
| 99  | AL SHIFA           | 2023/77  |
| 100 | POORNIMA<br>GAUTAM | 2023/919 |

**Programme: SEC**

**Semester: IV**

**Course: IT Skills and Data Analysis-I**

**Course Code:**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                | Supervised by           |
|------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 1.   | List of students mentioned below | <b>Introduction of Measures of Central Tendency: Mean, Median, Mode through appropriate examples explaining the use of each one of them in various situations. Understanding the concept of Weighted mean; Measures of dispersion: Range, Variance, Standard deviation; Visualizing the measures of central tendency and dispersion through frequency curve and histogram. Understanding Quartiles, deciles and percentiles numerically.</b> | <b>Dr. Jyoti Talwar</b> |



# Miranda House

## UNIVERSITY OF DELHI

| S.No | Name               | Roll No   |
|------|--------------------|-----------|
| 1    | RIDIMA SINGH       | 2023/1658 |
| 2    | SALONI CHAUDHARY   | 2023/1666 |
| 3    | DIYA RAGHAVAN      | 2023/374  |
| 4    | TANVI BANSAL       | 2023/1401 |
| 5    | ANANYA MAHESHWAR   | 2023/1661 |
| 6    | DISHA GURJAR       | 2023/351  |
| 7    | NOORPAL KAUR SIDHU | 2023/868  |
| 8    | SAYALI BHAGAT      | 2023/1159 |
| 9    | DOLMA LHAMU        | 2023/1518 |
| 10   | BAISHALI DEB       | 2023/262  |
| 11   | HARSHITA MEENA     | 2023/442  |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                     |           |
|----|---------------------|-----------|
| 12 | ISHIKA RAO          | 2023/475  |
| 13 | SHIVANI<br>BAIRWA   | 2023/1193 |
| 14 | NISHI               | 2023/1677 |
| 15 | UDITA SHARMA        | 2023/1689 |
| 16 | ANANYA SINGH        | 2023/97   |
| 17 | SHAMBHAVI<br>SINGH  | 2023/1174 |
| 18 | SHIKHA              | 2023/1184 |
| 19 | EKTA GOYAT          | 2023/385  |
| 20 | PRAGUNI<br>SANMOTRA | 2023/931  |
| 21 | PRIYA SINGH         | 2023/1624 |
| 22 | ANSHUL              | 2023/163  |
| 23 | RISHIKA             | 2023/1053 |
| 24 | JIYA MANN           | 2023/1688 |
| 25 | APEKSHA<br>MALOO    | 2023/1592 |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                     |           |
|----|---------------------|-----------|
| 26 | ANSHITA<br>PRATAP   | 2023/1748 |
| 27 | HIMANSHI<br>GARG    | 2023/452  |
| 28 | AYUSHI              | 2023/246  |
| 29 | DIYA BAMBA          | 2023/370  |
| 30 | KUSUM GUPTA         | 2023/651  |
| 31 | SAAKSHI<br>RANJAN   | 2023/1093 |
| 32 | TANIYA<br>KANDPAL   | 2023/1390 |
| 33 | VANSHIKA<br>CHANDNA | 2023/1455 |
| 34 | TANNISHA<br>GUPTA   | 2023/1542 |
| 35 | NIKITA DHYANI       | 2023/1731 |
| 36 | ANUSHKA<br>TYAGI    | 2023/184  |
| 37 | KAVITHA PAUL        | 2023/565  |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                   |           |
|----|-------------------|-----------|
| 38 | MANVIKA           | 2023/721  |
| 39 | PREETI<br>KUMARI  | 2023/959  |
| 40 | PRIYA MISHRA      | 2023/976  |
| 41 | RASHMI<br>PRABHA  | 2023/1027 |
| 42 | SANDHYA<br>KUMARI | 2023/1127 |
| 43 | SHREYA<br>SHUKLA  | 2023/1216 |
| 44 | ANSHIKA           | 2023/150  |
| 45 | RUSUDNA<br>DAHAL  | 2023/1531 |
| 46 | PALAK             | 2023/1660 |
| 47 | CHINTA<br>SRAVANI | 2023/302  |
| 48 | KHUSHI            | 2023/577  |
| 49 | LAVANYA<br>GARG   | 2023/660  |



# Miranda House

## UNIVERSITY OF DELHI

---

|    |                    |          |
|----|--------------------|----------|
| 50 | MANVI YADAV        | 2023/720 |
| 51 | NIVEDITHA<br>NAIR  | 2023/867 |
| 52 | PALAK<br>CHOUDHARY | 2023/879 |

**Programme: SEC**

**Semester: IV**

**Course: LaTeX Typesetting for Beginners**

**Course Code:**

| S.No | Name of the Student              | Project Title                                                                                                                                                                                                                                                                                                                                                                                                                     | Supervised by     |
|------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1.   | List of students mentioned below | <ul style="list-style-type: none"><li>• Design a LaTeX document by choosing title, author, date, address, page dimensions, margins, adjust line spacing, add footnotes, and orientation.</li><li>• Create a document with bulleted lists, numbered lists, and definition lists. Furthermore, modify the document with compact and customized versions of such lists, including spacing adjustments and interrupting and</li></ul> | Dr. Bhawna Bansal |



# Miranda House

## UNIVERSITY OF DELHI

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>resuming.</p> <ul style="list-style-type: none"> <li>• Create tables, adding captions to tables, putting text into columns, spanning columns and rows, using LaTeX packages to auto-fit columns.</li> <li>• Generate a document by customizing the table of contents, lists of figures and tables, producing an index pointing to relevant information for keywords and phrases.</li> <li>• Typesetting fine-tune math expressions, align and number equations, and use various math symbols from the amsmath package in LaTeX.</li> <li>• Generate a list of five books related to your field of interest under an automatically generated 'Bibliography', using the bibliography command in LaTeX. Illustrate how these references are cited in the body of a document.</li> <li>• Create a LaTeX file to manage large documents consisting of several LaTeX files by splitting the input, including front and back matter and a separate title page</li> <li>• Transliterate these six names: Aryabhata, Arthashastra, Bhaskaracharya, Chanakya, Ganita Bharati, and Shankaracharya, and write them in itemize form using Devanagari package in LaTeX. Also use the verbatim environment to display the LaTeX code.</li> <li>• Typeset ten words of your choice</li> </ul> |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|





# Miranda House

## UNIVERSITY OF DELHI

|  |  |                                                                                                                  |  |
|--|--|------------------------------------------------------------------------------------------------------------------|--|
|  |  | using ITRANS pre-processor package in LaTeX to convert English-encoded text into any one Indian language script. |  |
|--|--|------------------------------------------------------------------------------------------------------------------|--|

| S.No | Name               | Roll No   |
|------|--------------------|-----------|
| 1    | TAMANNA GUPTA      | 2023/1377 |
| 2    | VIDHI AGGARWAL     | 2023/1475 |
| 3    | PRIYANKA KUMARI    | 2023/991  |
| 4    | SNEHA VERMA        | 2023/1278 |
| 5    | PRIYANSHI          | 2023/1002 |
| 6    | RAKHI SINGH        | 2023/1016 |
| 7    | RIA THOKCHOM       | 2023/1041 |
| 8    | ANJALI             | 2023/115  |
| 9    | ANJALI             | 2023/116  |
| 10   | SAZIYA FATIMA      | 2023/1160 |
| 11   | SHEFALI SRIVASTAVA | 2023/1181 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                         |           |
|----|-------------------------|-----------|
| 12 | SHIVANI YADAV           | 2023/1195 |
| 13 | TANISHA SINGH           | 2023/1382 |
| 14 | ANKITA PATWA            | 2023/144  |
| 15 | VANYA KHURANA           | 2023/1464 |
| 16 | ANSHIKA MITTAL          | 2023/153  |
| 17 | SNEHA                   | 2023/1571 |
| 18 | AASTHA SUPRIYA<br>TOPPO | 2023/1616 |
| 19 | NISHI PAL               | 2023/1623 |
| 20 | BHAWANA JOSHI           | 2023/1652 |
| 21 | OJASWANI                | 2023/1664 |
| 22 | TANUSHREE<br>SHUKLA     | 2023/1709 |
| 23 | NAAVYA ARYA             | 2023/1713 |
| 24 | SAKSHI KUMARI           | 2023/1719 |
| 25 | SIMRAN JOSHI            | 2023/1736 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                          |          |
|----|--------------------------|----------|
| 26 | AYUSHI SINGH             | 2023/256 |
| 27 | AYUSHI YADAV             | 2023/258 |
| 28 | ADITI BANSAL             | 2023/43  |
| 29 | JANIKA SHANKER           | 2023/492 |
| 30 | KAJAL VERMA              | 2023/526 |
| 31 | KANCHAN YADAV            | 2023/536 |
| 32 | KANIKA                   | 2023/538 |
| 33 | KAVYA JAIN               | 2023/566 |
| 34 | KIRAN SINGH              | 2023/614 |
| 35 | MAHAK                    | 2023/679 |
| 36 | MARY<br>LALHRUAIZELI     | 2023/724 |
| 37 | MEHAK GUPTA              | 2023/733 |
| 38 | NAINA SANJEEV<br>TIBREWA | 2023/785 |
| 39 | PAYAL                    | 2023/903 |



# Miranda House

## UNIVERSITY OF DELHI

|    |                         |          |
|----|-------------------------|----------|
| 40 | PRATIKSHA<br>BHUYAN     | 2023/949 |
| 41 | PRIYALAXMI<br>NONGMAITH | 2023/985 |
| 42 | ANJANA M                | 2023/135 |
| 43 | DEVANANDA S             | 2023/327 |
| 44 | STANZIN ANGMO           | 2024/838 |
| 45 | VARUNI NEGI             | 2024/357 |

### Part A.2

Students undertaking project work/field work/internship (beyond the requirements of coursework)

| S.No | Name of the Student | Project Title                                                    | Mentor                                                           |
|------|---------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| 1.   | AADYA AGARWAL       | Statistical Dynamics of Seasonal Impact and Subion on e-Shopping |                                                                  |
| 2.   | ANJALI              | NTRU: A Ring-Based Public Key Cryptosystem                       |                                                                  |
| 3.   | NIHARIKA SINGH      | Miranda House &nbsp;  ( Computer Science )                       |                                                                  |
| 4.   | SHIVANI YADAV       | Enactus Miranda House &nbsp;                                     |                                                                  |
| 5.   | SAZIYA FATIMA       | Robsoc, The Robotics Society &nbsp;  ; (Magnetic Stirrer)        | Dr. Monika Tomar ( Professor, Physics Department, Miranda House) |
| 6.   | SAKSHI KUMARI       | Crowwd &nbsp;  ( Finance )                                       |                                                                  |



# Miranda House

## UNIVERSITY OF DELHI

|     |               |                                                                                      |                                                                                                                         |
|-----|---------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 7.  | POOJA         | IIST & United Nations &nbsp;                                                         | Dr. Anil Kumar CV<br>(Professor, Indian<br>Institute of Space Science<br>and Technology)                                |
| 8.  | POOJA         | Miranda house, University of Delhi<br>&nbsp;                                         |                                                                                                                         |
| 9.  | ANANYA GUPTA  | University of Rhode Island x MH<br>&nbsp;( International Womens<br>Issues)           |                                                                                                                         |
| 10. | GARGI GANGAN  | University of Calicut &nbsp;(<br>functional analysis and operator<br>theory )        |                                                                                                                         |
| 11. | TVISHA SINGH  | Polymath Jr. &nbsp;( Currently<br>writing )                                          | Dr. Amanda Harsy<br>(Professor, Lewis<br>University)<br>Dr. Adam Schultze<br>(Assistant Professor,<br>Lewis University) |
| 12. | APEKSHA MALOO | CROWWD &nbsp;( LIVE PROJECT<br>)                                                     |                                                                                                                         |
| 13. | VANSHIKA VIJ  | The Soft Move &nbsp;( Live Project<br>Associate at The Soft Movement )               |                                                                                                                         |
| 13. | VANSHIKA VIJ  | The Robotics Society , Miranda House<br>&nbsp;( Ultrasonic Sensor Using<br>Aurdino ) | Dr. Monika Tomar (<br>Professor, Physics<br>Department, Miranda<br>House)                                               |
| 14. | DIVYA KUMARI  | Miranda house &nbsp;( Physics )                                                      |                                                                                                                         |

| S.<br>No. | Name of the Student | Internship Details | Certificate/ Joining Letter |
|-----------|---------------------|--------------------|-----------------------------|
| 1.        | ISHIKA BHATIA       | Business Analyst   |                             |
| 2.        | AKANKSHA DUBEY      | VCIS Intern        |                             |



# Miranda House

## UNIVERSITY OF DELHI

|    |                          |                                              |                                                                                                                                                                                       |
|----|--------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3  | VITANSHI YADAV           | Research intern                              |                                                                                                                                                                                       |
| 4  | AADYA AGARWAL            | Content Writer                               |                                                                                                                                                                                       |
| 5  | AADYA AGARWAL            | Executive in Culture and Talent              |                                                                                                                                                                                       |
| 6  | ANJALI                   | Research intern                              |                                                                                                                                                                                       |
| 7  | PRANJAL WALA             | prompt engineering intern                    |                                                                                                                                                                                       |
| 8  | MEENAKSHI<br>VAISHNAV    | Digital Marketing and Campaign<br>Strategist |                                                                                                                                                                                       |
| 9  | ASHITA VERMA             | Data Analyst Intern                          |                                                                                                                                                                                       |
| 10 | ASHITA VERMA             | Content writing Intern                       |                                                                                                                                                                                       |
| 11 | JYOTIKA RAJKUMARI        | Summer Internship in Mathematics             | <a href="#">proff image 1756909107.jpg (2618×3661)</a>                                                                                                                                |
| 12 | YASHVI PREM              | Research Intern                              |                                                                                                                                                                                       |
| 13 | ANSHIKA MITTAL           | Intern                                       |                                                                                                                                                                                       |
| 14 | HIMADRI SHEKHAR<br>GUPTA | Content Writer                               |                                                                                                                                                                                       |
| 15 | MONIKA                   | Research Intern                              |                                                                                                                                                                                       |
| 16 | SEEPRA KUMARI            | Research Intern                              |                                                                                                                                                                                       |
| 17 | PRERNA                   | Media Head                                   |                                                                                                                                                                                       |
| 18 | PRERNA                   | Risk Manager                                 |                                                                                                                                                                                       |
| 19 | DITI DAS                 | Fundraising intern                           |                                                                                                                                                                                       |
| 20 | AYUSHI SINGH             | Research Intern                              |                                                                                                                                                                                       |
| 21 | SAZIYA FATIMA            | Subject Matter Expert                        | <a href="#">IMG_0412.PNG</a>                                                                                                                                                          |
| 22 | PRAGATI SINGH<br>CHAHAR  | Trainee                                      |                                                                                                                                                                                       |
| 23 | NANDIKA KOHLI            | Finance Intern                               |                                                                                                                                                                                       |
| 24 | AYUSHI YADAV             | Research intern                              |                                                                                                                                                                                       |
| 25 | SAKSHI KUMARI            | Customer Centricity Executive                | <a href="https://drive.google.com/file/d/11c-e4QjCg4H1VdI48FdUVEgrAWztooyh/view?usp=drivesdk">https://drive.google.com/file/d/11c-e4QjCg4H1VdI48FdUVEgrAWztooyh/view?usp=drivesdk</a> |



# Miranda House

## UNIVERSITY OF DELHI

|    |                  |                                                                  |  |
|----|------------------|------------------------------------------------------------------|--|
| 26 | NAAVYA ARYA      | Strategic Relations Intern                                       |  |
| 27 | NAAVYA ARYA      | Market Intelligence Intern                                       |  |
| 28 | JANIKA SHANKER   | Marketing and HR Intern                                          |  |
| 29 | ANKITA PATWA     | Data management                                                  |  |
| 30 | KAVYA JAIN       | Live Project Intern                                              |  |
| 31 | KAVYA JAIN       | Voice Intern                                                     |  |
| 32 | KUSUM            | Establishment branch N/T                                         |  |
| 33 | ANANYA GUPTA     | Summer Intern                                                    |  |
| 34 | ANANYA SINGH     | Finance and technical services intern                            |  |
| 35 | GARGI GANGAN     | Academic Mentor                                                  |  |
| 36 | GARGI GANGAN     | AI Intern                                                        |  |
| 37 | GARGI GANGAN     | Summer school intern                                             |  |
| 38 | TEJAL PANCHOLI   | Social Media Marketing Intern                                    |  |
| 39 | VARSHA SINGH     | Udhmodya Foundation Office                                       |  |
| 40 | NAKSHATA AGARWAL | Founders Office Intern                                           |  |
| 41 | NAKSHATA AGARWAL | Program Facilitator Intern                                       |  |
| 42 | NAKSHATA AGARWAL | Intern                                                           |  |
| 43 | ANMIGHA NAIR     | Social Media and Influencer Manager                              |  |
| 44 | ANMIGHA NAIR     | Investment Analyst                                               |  |
| 45 | MANSHI GUPTA     | Intern at New Administrative Block                               |  |
| 46 | JASBINA QUADRI   | FINANCE INTERN (VICE CHANCELLOR INTERNSHIP, UNIVERSITY OF DELHI) |  |
| 47 | JASBINA QUADRI   | PROJECT CO-ORDINATOR                                             |  |
| 48 | JASBINA QUADRI   | RESEARCH INTERN                                                  |  |
| 49 | BHUMIKA JAIN     | Intern at Economic Affair and Research Department                |  |



# Miranda House

## UNIVERSITY OF DELHI

|    |                  |                                                           |  |
|----|------------------|-----------------------------------------------------------|--|
| 50 | RISHIKA AGGARWAL | Research intern                                           |  |
| 51 | SEJAL KUMARI     | RESEARCH INTERNSHIP                                       |  |
| 52 | TVISHA SINGH     | Summer Research Intern                                    |  |
| 53 | HIMANI           | Research and Development Intern                           |  |
| 54 | KIRAN            | Finance dept                                              |  |
| 55 | VANSHIKA VIJ     | Strategy Intern                                           |  |
| 56 | PRIYANSHI RAJ    | Admission Support Intern                                  |  |
| 57 | PRIYANSHI RAJ    | Team Leader & Student Counsellor                          |  |
| 58 | VANSHIKA VIJ     | PR Head                                                   |  |
| 59 | VANSHIKA VIJ     | Intern in area of Social Work, Human Resource and Finance |  |
| 60 | VANSHIKA VIJ     | HR intern                                                 |  |
| 61 | VANSHIKA VIJ     | Marketing and Sales Intern                                |  |
| 62 | MANJU            | Marketing Intern                                          |  |
| 63 | BANSHIKA SINGH   | Member of Content and Research Team                       |  |
| 64 | BANSHIKA SINGH   | RESEARCH INTERN                                           |  |
| 65 | NAVYA DABAS      | Marketing Intern                                          |  |
| 66 | DHANVI SARDANA   | CEOs Office Intern                                        |  |
| 67 | DHANVI SARDANA   | Research Intern                                           |  |
| 68 | AANYA TRIVEDI    | Policy and Economic Analysis Intern                       |  |
| 69 | HANA JAIN        | Writer                                                    |  |
| 70 | CHESHTA UPRETI   | Quality Check                                             |  |
| 71 | CHESHTA UPRETI   | Intern Tutor                                              |  |
| 72 | KHUSHI JAIN      | Intern at VCIS                                            |  |
| 73 | MUSKAN           | Regional Manager in Easemyroom                            |  |
| 74 | MUSKAN           | SMO at Tech Analogy                                       |  |





# **Miranda House**

## **UNIVERSITY OF DELHI**

---

|           |               |                              |  |
|-----------|---------------|------------------------------|--|
| <b>75</b> | <b>MUSKAN</b> | <b>Social Media Designer</b> |  |
| <b>76</b> | <b>MUSKAN</b> | <b>Account manager</b>       |  |