**Alumni Contributions**

**Department of Mathematics**

The Department of Mathematics has organised Alumni Meet programmes from time to time, and during those programmes, alumni members get inspired to give contributions to the department in the form of books, reading materials, consumable and non-consumable things, financial contributions to the alumni association of GGV, etc. Departments got their contributions by post and during visits to the department. The following books are listed below as contributions. The department has received contributions in the form of books total approximately 40,000 rupees.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Book Title** | **Author** | **Price(Rs.) Approx.** | **Doner Name** |
| 1 | Algebra | I S Luthar and IBS Passi |  1550 | Prof A. S. Ranadive |
| 2 | Basic Algebra | Ganguli and Mukharjee |  1450 | Prof A. S. Ranadive |
| 3 | Homological Algebra | Heneri Cartan and Samuel Eilenberg | 1000  | Prof A. S. Ranadive |
| 4 | Mathematics of coding theory | Paul Garrett | 1400  | Prof A. S. Ranadive |
| 5 | Introductory Course in differential equations | Daniel A Murray | 1500  | Prof A. S. Ranadive |
| 6 | Theory of ordinary differential equations | Earl A Coddington and Nornan Levinson | 1500  | Prof A. S. Ranadive |
| 7 | Computer oriented numerical analysis | Dr R Roychoudhury | 1600  | Prof A. S. Ranadive |
| 8 | The compact to lotous Smartsuite | Sandra E eddy | 1340  | Prof A. S. Ranadive |
| 9 | Differentian equations | George F Simmons | 1400  | Prof A. S. Ranadive |
| 10 | Partial differential equations | Aftab alam and Mohammad Imdad | 1800  | Prof A. S. Ranadive |
| 11 | Calculus | Amber habib | 1400  | Prof A. S. Ranadive |
| 12 | Lectures from Colombo to Almora | Swami Vivekanand | 1500  | Prof A. S. Ranadive |
| 13 | Algebra and theory and equations | Chandrika Prasad | 500  | Prof A. S. Ranadive |
| 14 | Complex Analysis | Singh, Karanjgaokar and Chandel | 1600  | Prof A. S. Ranadive |
| 15 | Linear algebra | Gareth Williams | 340  | Prof A. S. Ranadive |
| 16 | Fuzzy algebra | Rajesh Kumar | 1400  | Prof A. S. Ranadive |
| 17 | Graph theory | VK Balakrishnan | 800  | Prof A. S. Ranadive |
| 18 | Combinatorics | Balkrishnan | 1400  | Prof A. S. Ranadive |
| 19 | Advanced Mathematics for eninears  | Chandrika Prasad | 1500  | Prof A. S. Ranadive |
| 20 | Mechanics for Engineers Part 2 Dynamics | Chandrika Prasad | 500  | Prof. A. S. Ranadive |
| 21 | Differential Calculus | Gorakh Prasad | 600  | Prof. A. S. Ranadive |
| 22 | Chicago Vaktavaya (Hindi) | Swami Vivekanand | 340  | Prof. A. S. Ranadive |
| 23 | Apka ka bhavisya apke hath me(Hindi) | Dr. A.P.J. Abdul kalam | 400  | Prof. A. S. Ranadive |
| 24 | Samajeek jivan mulya aur shikha(Hindi) | Abhijeet Bhaumeek | 800  | Prof. A. S. Ranadive |
| 25 | Bhartiya samajeek sanrachna avam samsya(Hindi) | Abhijeet Bhaumeek |  1600 | Prof. A. S. Ranadive |
| 26 | Karma yoga(Hindi) | Swami Vivekanand | 1400  | Prof. A. S. Ranadive |
| 27 | Agrim-mantra(Hindi) | Swami Vivekanand | 1500  | Prof. A. S. Ranadive |
| 28 | Sanchayan | Swami Vivekanand | 500  | Prof. A. S. Ranadive |
| 29 | Swami vivekananda aur unka avdan (Hindi) | Swami Videhatmananda | 600  | Prof. A. S. Ranadive |
| 30 | Effective communication skills | Kulbhusan kumar | 340  | Prof. A. S. Ranadive |
| 31 | Yuvako ki prati | Swami Vivekanand | 400  | Prof. A. S. Ranadive |
| 32 | Agyeh ki sampurna kahaniya(Hindi) | Agyeh | 800  | Prof. A. S. Ranadive |
| 33 | First course in abstract algebra | John B. Fraleigh | 1450  | Prof. A. S. Ranadive |
| 34 | Integral calculus | Gorakh Prasad | 680  | Prof. A. S. Ranadive |
| 35 | Mathematics for engineers  | Chandrika Prasad | 1500  | Prof. A. S. Ranadive |
| 36 | Topics in algebra | I.N. Herstein |  800 | Prof. A. S. Ranadive |
| 37 | Fuzzy mathematics  | John Moderson | 1500  | Prof. A. S. Ranadive |
| 38 | Fuzzy Topology | N Palaniappan | 600  | Prof. A. S. Ranadive |
| 39 | Spherecial Economics | Gorakh Prasad | 400  | Prof. A. S. Ranadive |
| 40 | Man kya hai | J krisnamurthi | 1560  | Prof. A. S. Ranadive |
| 41 | Econometrics | P.G. apte | 650  | Prof. A. S. Ranadive |
| 42 | Algebra | Ramji Lal | 500  | Prof. A. S. Ranadive |
| 43 | Graph Theory | V. K. Balakrisnan | 1560  | Prof. A. S. Ranadive |
| 44 | Algebra | Vivek sahai | 670  | Prof. A. S. Ranadive |
| 45 | Integral calculus | D.C. Agrawal |  700 | Prof. A. S. Ranadive |
| 46 | Complex Analysis | S Kumaresan | 1450  | Prof. A. S. Ranadive |
| 47 | Education, Society and Sociology | Dr. Abhijeet Bhamik | 500  | Prof. A. S. Ranadive |
| 48 | An introduction to matric spaces | Dhananjay Gopal, Anirudh deshmukh, Abhay S ranadive and Subham yadaw | 2880 | Dr Dhananjay Gopal |
| 49 | Metric Fixed Poing theory | Dhananjay Gopal, Poom Kuman and Mujahid abbas | 9085 | Dr Dhananjay Gopal |
| 50 | Elements of real analysis | Shanti narayan and MD rai singhania | 800 | Dr. Uma Devi Patel |
| 51 | Functional Analysis | D. Some Sundaram | 650 | Dr. Uma Devi Patel |
| 52 | Ordinary and Partial Differential Wquation | Dr. M. D. raisinghania | 850 | Dr. Uma Devi Patel |
| 53 | Elements of Partial Differential Equations | Ian N. Sneddon | 850 | Dr. Uma Devi Patel |
| 54 | Graph theory |   | 1100 | Hapka Surendra |