

**FORMAT FOR 98th ANNUAL REPORT
UNIVERSITY OF DELHI**

1. **Name of the College** : **Motilal Nehru College**

2. **Major Activities and Achievements**

The Department of Mathematics of Motilal Nehru College conducted various events in the year 2020 despite of the fact that colleges were closed due the Pandemic.

On 8th of May 2020 we organised our first webinar to know the World of Data Analysis and its scope in the coming future. Topic:- **“A Random Walk Down The Data Street”**. By Speaker:- Mr. Shivansh Garg (CEO & Co-founder of Young Engine).

On 14th of May 2020 we organised a webinar to make people aware of the Impact on the Education system by Novel Corona Virus. Topic:- **“Impact of COVID-19 Pandemic in Reshaping Education”**. By Speaker:- Prof. Shobha Bagai (Cluster Innovation Center, University of Delhi, Dean of Admissions).

Poster Making & Poem Writing Competition

On 12th of June 2020 i.e. on the “International Day Against Child Labour”, we organised a Poster Making and Poem writing Competition on the topic “Child Labour”.

On 26th of June 2020 we organised a Webinar on Topic:- **“Transitioning across Social Perceptions against Mathematics.”** By Speaker:- **Dr. Rita Malhotra** (President- Poetry across cultures, India; Former Principal & Faculty of Mathematics- Kamla Nehru College, University of Delhi, Post-Doctoral fellow in maths, University of Paris).

On 13th -14th of July 2020 we organised a Webinar to make the students learn how to use “LinkedIn” and how to make an impressive ”Resume”. Topic:- **“ The Art of Self Promotion”** By Speaker:- Mr. Daksh Sethi (Entrepreneur, Motivational speaker, Life Coach & Student mentor).

On 22nd of July 2020 we organised a Webinar to understand the Growth of COVID-19 cases by linking it with Mathematics. Topic:- **“Understanding Doubling Times & Exponential Growth.”** By Speakers:- **Prof. Siva Athreya , Nitya Gadhiwala and Abhiti Mishra.** (Indian Statistical Institute, Bangalore).

Teacher's Day

On 5th September 2020 i.e. Teacher's Day we tried to show our respect and gratitude towards our teachers by organising a “**VIRTUAL TEACHER'S DAY CELEBRATION**”. We conducted many games like Riddles and tongue twister etc. and different performances like dance and singing, etc.

Semi Annual Fest "Aayam 2.0" Department of Mathematics of Motilal Nehru College organised its Semi Annual Fest i.e. **AAAYAM 2.0** on 27th and 28th of October 2020. Students of different colleges across “The University of Delhi” showed their mindful participation in both events. Two mind boggling events of Aayam 2.0 were:

1. SUDOTHON
2. LIFE IN A METRO

Orientation Programme for the Batch 2023

On 18th of November 2020 , we organised an Orientation Programme for the first year students and introduced them with the department starting with the faculty and then with the course.

1. Dr. Devender Jarwal, Associate Professor, Department of Commerce was invited as Keynote Speaker on the topic “**Income Tax Return filing for salaried person**” at National webinar organized by Mahatama Gandhi Vidhyamandir’s Arts, Science & Commerce College, Surgana, Maharashtra on 3rd October, 2020.
 2. Keynote speaker on the topic “**Digital Economy, social challenge in the near future**” at National webinar organized by MPRP Government Girls College, Dewas, Madhya Pradesh on 16th January, 2021.
 3. Keynote speaker on the topic “**Contract of Agency and Contract of Bailment and Pledge**” in the extension lecture organized by Pt. CLS Govt. College, Karnal, Haryana on 23rd January, 2021.
- 1) Dr. Pawan Sinha, Associate Professor, Department of Political Science delivered talk on ‘*How you can choose your scope in Political Science*’ organised by Meyzeek Middle School, Louisville KY, US on 22nd March, 2021
 - 2) Delivered lecture on ‘Ayurveda, Ancient Indian Source of Mental and Physical Health, Relevance in Present Times’ organised by **LAL BAHADUR SHASTRI CENTER FOR INDIAN CULTURE EMBASSY OF INDIA, TASHKENT** on 12th November, 2020
 - 3) Delivered lecture on ‘*Hind Swaraj*’ in Faculty Development Programme organised by Gandhi Bhawan, University of Delhi, Delhi on 24th January, 2021
 - 4) Delivered key note address on Two Days National Webinar on ‘*New National Education Policy 2020*’- **challenges and opportunities on 16th December 2020.**

- 5) Delivered lecture in International Webinar on '***Gandhi and Contemporary Challenges***' organised by Gandhi Bhawan, University of Delhi, Delhi on 29th October, 2020
- 6) Delivered lecture on "***Health and Astrology in Ancient India***" in Faculty Induction Programme - I beginning organised by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi on 13th October, 2020.
- 7) Delivered lecture in National Webinar on '***Practical Vedanta and Modern Lifestyle***' organised by S.N. Sinha College, Jehanabad, Bihar on 15th July, 2020
- 8) Delivered lecture in National Webinar on '***Bhartiya Samajik Sansthaen: Mahatva aur Prasangikta***' organised by Motilal Nehru College, Delhi University on 29th October, 2020

3. Honours/Distinctions

Dr. Anu Pandey, Associate Professor, Department of Commerce was awarded "Hero To Animals" Award from PETA India for continuous contribution in the field of animal welfare.

Dr. Pawan Sinha, Associate Professor, Department of Political Science was honored for outstanding contribution to the **dissemination of Gandhi –Thoughts** as **Convener of Gandhi Study Circle, Motilal Nehru College** on the occasion of Gandhi 150 Valedictory programme, 2nd October, 2020 by **Gandhi Bhawan, University of Delhi**.

'***Shiksha ke dwandwa***' book won **Daulat Singh Kothari puraskar 2019** by Uttar Pradesh Government in 2020.

4. Students with Distinctions

B.SC.(H) PHYSICS 3 rd YR.	NISHANT BASNIWAL	9.554 CGPA	90.76
B COM (HONS) 2 nd YEAR	KRIKA MUNJAL	9.32 CGPA	88.54
B COM (HONS) 3 rd YEAR	SHAURYA KHURANA	9.27 CGPA	88.06
B.A (HONS) ECO. 3 rd Yr.	SRISHTY JAIN	9.122 CGPA	86.659
B.A (HONS) ECO. 1 st Yr.	ISHIKA MURARKA	9.05 CGPA	85.975

5. Publications Total Number

Dr. Deepti Singh, Associate Professor, Department of Commerce

1. Paper published "Impact of herding on the returns in the Indian Stock market: an empirical study in *Review of Behavioral Finance*, Co-author,

ahead-of-print in, published by *Emerald Publishing Limited* (October 2020).
Issn no: 1940-5979, <https://doi.org/10.1108/RBF-01-2020-0017>

2. Presented paper “Spiritual Leadership: A Chaperone through Covid crisis” co-author, in ‘Integrating Spirituality and Organisational leadership in Post-Covid Times’ A virtual international conference by ISOL Global Foundation in collaboration with University of Florida on 18-19 December 2020.
3. Paper published “Does CSR Committee Composition affect CSR Disclosure: A Study of Indian Companies” (2020) co-author, published in *Corporate Governance Insight*, Vol. 2, No.2 eISSN:2582-0834, pp. 63-79.
4. Paper published “Green HRM: An organizational Commitment” (2020) co-author, published in *8M- The Journal of Indian Management and Strategy*, Vol 25. Issue1, ISSN : 0973-9335, pp.14-18.

Dr. Devendra Jarwal, Associate Professor, Department of Commerce

1. Research Paper titled “**Limited Liability Partnerships: A Business Model to Achieve Entrepreneurial Efficiency**” published in *JIMS8M: The Indian Journal of Management & Strategy* in the month of September 2020; ISSN 0973-9335.
2. Research Paper titled “**Entrepreneurial Development among Dalits: A mixture of State Interventions and Personal Capabilities**” published in *The IUP Journal of Entrepreneurship Development* in the month of September 2020; ISSN 0973-2659.
3. Research Paper titled “**MSME Sector: A Multifaceted Model to Achieve Prosperity**” published in *SHANLAX International Journal of Economics* in the month of September 2020; ISSN 2582-0192

Dr. Pawan Sinha, Associate Professor, Department of Political Science

1. Sinha, Pawan (2020). *Hashiye par Rahne Wale Bachche – Vyaktitva aur Astitva ki Talash*. Prathmik Shikshak, NCERT, 44(4), October, 2020, 5-16
2. Sinha, Pawan (2020). *Rashtriya Shiksha Niti aur Shikshak*, Bhartiya Adhunik shiksha, NCERT, 41(1), July, 2020, 120-128

Dr. Sunit Kumar, Associate Professor, Department of Mathematics

1. Sunit Kumar (2021). An EPQ model with two-level trade credit and multivariate demand incorporating the effect of system improvement and preservation technology, 9(1)438448
2. Sunit Kumar (2021). EPQ model under imperfect production process with customer return and partial backlogging : *Malaya Journals of Matematik*, 9(1)648-654

6. **Journals** -----
7. **Research projects** -----
8. **Patents Filed/Granted** -----
9. **Seminars Organized**

Department of English organized a national seminar on Narratives of Discrimination: Interrogating Caste, Sect, and Race on 4-5th March, 2021, Prof. Raj Kumar, Head, Department of English was keynote speaker.

10. **Conference Organized** -----

11. **Seminar/Conference Presentations**

Ms. Ruchita Machal presented paper (November 5-7, 2020) on The Mythical Twist in Indian Speculative Fiction at 5th International Science Fiction Conference (ISFC 2020), Bangalore University, Bangalore, Karnataka, India.

- 1) Dr. Pawan Sinha, Associate Professor, Department of Political Science delivered Lecture in National Webinar on '**New Education Policy 2020**' organised by Rishikulshala, An Initiative by Paavan Chintan Dhara Ashram, Ghaziabad, Uttar Pradesh, on 16th August, 2020
- 2) Delivered Key Note address in International Webinar on '**Understanding Educational Systems of US and Denmark**' organised by Rishikulshala, An Initiative by Paavan Chintan Dhara Ashram, Ghaziabad, Uttar Pradesh, on 17th October, 2020
- 3) Delivered Lecture in National Webinar on '**Challenges Before Teachers with reference to New Education Policy**' organised by Rishikulshala, An Initiative by Paavan Chintan Dhara Ashram, Ghaziabad, Uttar Pradesh, on 11th September, 2020
- 4) Delivered Lecture on '**Teachers in 21st Century**' organised Telecom Training Centre. by Shikshak Kalyan Fund & High Quality ICT Training Kendra (BSNL) on 5th September, 2020
- 5) Delivered Lecture in Webinar on 'Indian Economy, Covid -19 and Policy Redressal of Revival' organised by Motilal Nehru College, Delhi University on 19th May, 2020
- 6) Delivered Lecture International Webinar on '**Takniki v digital sampreshan ki Duniyamein Hindi Sahity ke badhate kadam**' organised by Hindi Hain Ham vishva Maitri Manch, Hyderabad on 1st June, 2020

- 7) Delivered Lecture International Webinar on '*Linguistics and Indigenous Communities*' organised by Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh on 6-7 July, 2020
- 8) Delivered Lecture in online Seminar on '*Environmental Protection and Sustainable Development*' Education' organised by Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh on 5-6 June,2020
- 9) Delivered Lecture in online National Seminar on '*Teaching and Learning: Post Covid -19*' organised by S.N. Sinha College, Jehanabad, Bihar on 6 June,2020
- 10) Delivered Lecture in International Webinar on '*The Global Impact of Covid-19 on Teacher Education: Transforming Challenges into Opportunities*' organised by Raja Balwant Singh College, on 28-29 June, 2020

12. National/International MoUs Signed -----

13. Other Inter-Institutional Collaboration -----

14. Students under Exchange Programme -----

15. Placement Details

Number and percentage of students placed – 55 Students were placed
Number of Companies visited for campus recruitment – 27 Companies

16. Extension and Outreach Activities -----

17. Library Development

Library started this year with a total 118866 volumes. During the current year 230 volumes with Rupees 108627 were added bringing the total 119096 volumes.

The library is presently subscribing to about 98 Journals, Magazines, News Papers of Library, Scientific and General Interest.

Library is functioning under fully computerized environment and using 'NETLIB' software. Library continues to follow the Open Access System which affords greater convenience to the students and Faculty. Now we ensure uninterrupted book issue/return to students and staff members.

The Library has Audio-Visual Room with New Projector with Good Quality Sound System. Internet Access facility are also available for the Library Members. The students and faculty members are getting greatly benefited from this extended facility.

The Library now has of two computer stations with specialized software for visually challenged students. Library have Three Reading Hall Fully Air Conditioned with seating capacity 98 persons.

The Library has an up-to-date on line catalogue (OPAC) of its holding for all users.

UGC is facilitating the availability of E-books in the colleges through the “NATIONAL LIBRARY AND INFORMATION SERVICES INFRASTRUCTURE FOR SCHOLARLY CONTENT (N-LIST)” Programme funded by MHRD, Government of India. The Programme facilitates access about 97000 + e-books and 6000 + e-Journals to those who access that Programme in the college Library. The Library is giving resource sharing facility through DELNET to its Members.

18. Faculty Strength - 140 (80 Permanent and 60 Ad-hoc)

19. Financial Allocation and Utilization

(a) Grant sanctioned in Rs. 38,38,37,000/-

(b) Utilized in Rs. 42,29,89,906/-

20. Other Significant Information

21. Name and Contact details of Coordinator for Annual Report 2020-2021 of College.

Dr. Brahma Dutta, Associate Professor, Department of English

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