

97th Annual Report

University of Delhi

1. Name of the College

Jesus and Mary College, University of Delhi

2. Major Activities and Achievements (Max 150 words)

The College witnessed a growth spurt in academic, sports and extracurricular activities and achievements in the year 2019-20. Many FDPs and Research Workshops were organised to focus exclusively on infusing a research culture in the teaching learning process. Both teachers and students exhibited exemplary accomplishments. Dr. Vibha Mathur and Dr. Alka Marwaha were recognised as PhD Supervisors by their respective departments at the University. Dr. Reena Marwah was awarded Honorary position as Senior Fellow of INSSL under the Ministry of Defense, Sri Lanka. Students of the Mathematics Department published research papers in “Ramjas Economic Review” as an outcome of the training workshop on R Software. A Certificate Course on Life Skills was launched by IQAC. International Conference on Innovative Approach for Plastic-Free India was organised. International collaborations with educational institutions were established. Many extension and outreach activities were organised. Students continued to excel in Sports at national and international level.

3. Honours/Distinctions

- Dr. Vibha Mathur, Recognized as a Research Supervisor by the Department of Commerce, Delhi University
- Dr. Alka Marwaha, Recognized as a Research Supervisor by the Department of Mathematics, Delhi University
- Dr. Reena Marwah, Honorary Position- Senior Fellow of the Institute of National Security Studies of Sri Lanka(INSSL), under the Ministry of Defence, Sri Lanka

4. Students with Distinctions (Max 5)

- In the Ek Bharat Sreshtha Bharat Camp (August 2019), the cadets attained first prize in solo dance (SGT Poonam Kandari), second prize in group song, and won in the Basketball game.
- Bronze Medal in Taekwondo at International- 2nd India Open G1- Afreen Hyder
- Gold Medal in Badminton at All India FCI- Bhavya Rishi
- Research papers published by the students of the Maths Department in Ramjas Economic Review 2019-20 Volume II, ISSN-2582-6093(Online)
- Third Position in Ballet Competition Team of 36 cadet

5. Publications Total Number (Max 10)

- Anamika Asthana, (2019), “No-First Use Policy: Implications for Politics and Strategy”, Think India, 0971-1260

- Monica Rani, (2019), “Reliability optimization of sugar mill using Markov approach”, ISA Transactions, Elsevier Science Inc, 0019-0578
- Sudha Shashwati & Deisha Sethi, (2019), “Say No to Setbacks: Grit & Growth Mindset Have Got Your Back”, International Journal of Innovative Studies in Sociology and Humanities, 2456-4931 (Online)
- Dr Jessy K Philip, (2019), “Land for dignity’ and struggle for ‘Identity’: Trends in Caste and Class Relations in a Village of South India”, Journal of Agrarian Change , 1471-0358
- Jasmin, (2019), “Divergence in the Wage Share and Profit Share in the Indian Manufacturing Sector”, International Journal of Research in Humanities, Arts and Literature, 2347-4564 (Print) 2321-8878 (Online)
- Dr. Shruti Tohan, (2019), “Transient Solution of Fluid Queue modulated by two independent birth-death processes”, International Journal of Operational Research, 1745-7645
- Susan George, (2019), “Women in Film Time: Forty Years of the Alien Series (1979–2019)”, IAFOR Journal of Arts & Humanities, 6(2), 2187-0616
- Dr. Maya John, (2019), “The World of Domestic Workers “, Economic and Political Weekly, Vol. 54 (38), 26-31, 0012-9976
- Dr. Vibha Mathur & Ms. Saloni Arora, (2019), “India’s growing trade relations with SAARC countries with special reference to Bangladesh and Nepal: An analysis”, Impact: International Journal of Research in Humanities, Arts and Literature, 2321-8878
- Dr. Reena Marwah, (2019), “The Development Trajectories of Thailand and Sri Lanka: A Comparative Analysis”, Millennial Asia, 2321-7081

6. Journals (in prescribed format)

NA

7. Research Projects (Max 5)

- NIEPA, 2018-20, “Study on Finances of private Higher educational institutions”, Honorarium
- National Human Rights commission, 2019-Ongoing, “A study on Social Security and Health Rights of Migrant Workers in India”, Honorarium
- SIDBI, 2020-Ongoing, “Assessment study on Community Guarantee/Mutual Credit Guarantee Scheme (MCGS)”, Honorarium

8. Patents Filed/Granted

NA

9. Seminars Organised (Max 5)

- Maj. Gen. G G Dwivedi, Professor- Strategic & IR, Management Studies, “FDP on Reimagining Academic Leadership-Redefining the Role of a Teacher and Academic Excellence in the Era of Disruption”, 16th December, 2019
- Monica Chhabra, Assistant Professor, Ms. Ishita Singh, Assistant Professor, Ms. Charu Sarin Arora, Assistant Professor, Dr. Shweta Paradkar, Assistant Professor, Ms. Kashnie Singh, Assistant Professor, “Workshop on Data Management”, 19th-20th December, 2019

- Dr. Renu Gupta, Associate Professor, Department of Commerce, “Workshop on New Income Tax Regime Vs. Old Tax Regime: Which is better for you?”, 3rd March, 2020
- Prof. Dinesh Singh, Chancellor K.R. Mangalam University and Former Vice Chancellor, University of Delhi, Webinar on “Life & Careers beyond Covid-19”, 12 May 2020
- Dr. Sheeba Marwah, Assistant Professor, Nodal Officer for Covid-19, Department of Obstetrics & Gynecology, VMMC & Safdarjung Hospital, New Delhi, Ms. Angellica Aribam, Founder, Femme First Foundation; Political Activist, Ms. Geeta Seshamani, Vice-President, Friendicoes SECA; Co-founder, Wildlife SOS, Dr. Mridula Tandon, President and Co-founder, Sakshi CEC; Member, CSIR’s CAIRD Awards Committee, Webinar on “Stigma and the Covid Pandemic: Testimonies of Resilience, Resistance and Agency”, 25 June 2020

10. Conferences Organised (Max 5)

- International Conference on Innovative Approaches for Plastic Free India (IAPFI-2020), 28th February, 2020
- National Seminar on Multiple Childhoods in India - Voices of the Subaltern organised by Department of Elementary Education, 23rd- 24th October 2019, UGC
- National Conference on National Resources Management for Sustainable Development (NRMSD2020), 21st January 2020
- National Seminar on The Unconscious Communication in Psychoanalysis, 22nd January, 2020, UGC

11. Seminar/Conference Presentations (Max 10)

Name of Presenter	Title of Paper	Conference Proceedings	ISSN/ISBN
Dr. Sushila Ramaswamy	Debates in Women's Suffrage Movement	IIC Quarterly, Vol 46, No.1, Summer pp 117-27	ISSN 33769771
Dr. Shikha	Controlling Chaotic System via Optimal Control	International Conference on Advanced Intelligent Systems and Informatics	Online ISBN978-3-030-14118-9
Dr. Shikha	Multi-switching Combination Synchronization of Fractional Order Chaotic Systems	Joint European-US Workshop on Applications of Invariance in Computer Vision	Online ISBN978-3-030-44289-7

Dr. Shikha	Multi-switching Synchronization of Chaotic Systems via Sliding Mode Control	National Conference on Advances in Mathematical Analysis and its Applications on 8th-10th November, 2019.	
Dr. Ameeta Motwani	Sustainability Reporting and SDGs: The way Forward	VIPS Conference 2020 on “Sustainability, Governance and Responsibility” on 23rd-24th Jan 2020	
Dr. Meenakshi Kumar	Guru Nanak aur Sant Sahitya	Guru Nanak Dev: Jeevan Mulya aur Darshan	
Ms. Vrinda Moda and Ms. Saloni Arora	The Impact of Company’s Financials on CSR: An empirical Study of NIFTY 50 Companies	Corporate Governance, Issues, Challenges, and changing Paradigms on 7th-8th September 2019	
Ms. Divya Aggarwal	Role of an individual in utilising organic waste	International Conference on Contemporary Issues in Integrating Health and nutrition with the Emerging Areas of Food Technology, Agriculture, Environment and Allied Sciences on 6th April 2019	
Ms. Saloni Arora	Customer Awareness and Adoption of Sustainable Practices: An	Summit on Sustainability & CSR by PHD Chamber of Commerce and Industry, New Delhi on 23rd August 2019	

	Empirical Study on Banks in India		
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12. National/International MoUs Signed

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
Educational Institution	The American Business School, Paris	2018-19	Ongoing	Launch Function on 9th August 2019 at MPH, JMC	22 Faculty + 19 Students
				Orientation by Mr. Fady Fadel on 6th November 2019	
Industry/Corporates	TrackInvest	2019-20	Ongoing	Students of JMC have registered on the virtual gaming site and are learning by trading online with virtual money from 8th April to 14th April 2020	50 students
				Students of JMC have registered on the virtual gaming site and are learning by trading online with virtual money from 5th May to 8th May 2020	50 students
Center for Global Data Visualization (Initiative led by The QED)	QED Group, USA (Global Consulting Firm)	2019-20	Ongoing	Orientation on the launch of the Center for Global Data Visualization on .23rd August	103 Students, 11 Teachers

Group)				2019	
				Hackathon- Visualizing the Refugee Crisis, 19th October 2019- 26th October 2019	44 Students
				Workshop on Data Visualisation through Tableau on 27th & 28th January 2020 in Collaboration with Department of Economics, JMC. Ms. Savale from the Tableau Foundation and Ms. Reema Rustagi from QED visited the college to conduct the workshop.	5 Faculty from JMC, 4 Students from JMC and 2 from Operation Asha and 4 from QED
Educational Institution	Hertie School, Germany	2019-20	Ongoing	Collaboration between IQAC and Public Policy and Analysis Cell, JMC with Hertie School, Germany: Visit of Mr. Axel Bausch, MD Hertie School, Berlin to JMC in October 2019	1 Faculty from Hertie School and 5 from JMC
				On 2nd March 2020 Public Policy and Analysis JMC - in collaboration with Internal Quality Assurance Cell- organized an informative speaker session by Professor	11 Faculty from JMC and 105 Students

				Mark Kayser from Hertie School of Governance, Germany	
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13. Other Inter-Institutional Collaboration

Sl. No.	Title of the linkage	Name of the partnering institution/ industry /research lab	Duration (From-To)	Nature of linkage
1	On the Job Training (First Year)	SDMC Primary School South Moti Bagh	August 2019 to December 2020	The First Year students of B.El. Ed. Department visit schools for the School Contact Programme. For most part the schools are mainstream schools but they also visit special schools during this programme. Students engage with the children in the schools by carrying out art and craft activities, games, music and storytelling in order to understand childhoods and children. They reflect on psychological and sociological aspects of growing up in different socio-economic contexts. In the special schools, they observe pedagogic practices of teaching differently abled children. They observe the school experience of differently abled children. The students are sensitized to the needs, interests, and potentials of the children. They reflect on how school as a social system can become more inclusive and accessible for all
2	On the Job Training (First Year)	SDMC School RK Puram Sec 9		
3	Research and Internship	KDS, Delhi	27 May to 19 July 2019	The two students of JMC (Economics Honours, Third Year) were associated with KDS for a research study on Finances of Private Higher Educational Institution sponsored by NIEPA, Delhi. They conducted field surveys and report writing during this time.
4	Research, internship	N.P. Moti Bagh	Primary- Four months and	As part of the program, Fourth Year students of B.El.Ed Department engage in four month

	and On the Job Training		Middle-one Month, August 2019 to February 2020	long internship in primary grades and a month long internship in middle school grades in various government schools (Directorate of Education, Navyug and NDMC). During this period, students develop lesson plans and resources for use by the school teachers and students. They also participate in various aspects of the school such as assembly, co-curricular activities (sports and cultural) to gain experience of the ethos of the school.
5	Research, internship and On the Job Training	S.K.V. Begumpur		
6	Research, internship and On the Job Training	N.P. Kitchner Road		
7	Research, internship and On the Job Training	S.K.V. RK Puram		
8	Research, internship and On the Job Training	Navyug Lodhi Road		
9	Research, internship and On the Job Training	S.K.V. Pandara Road		
10	Research, internship and On the Job Training	S.K.V. Malcha Marg		
11	Research, internship and On the Job Training	Navyug Moti Bagh		
12	Research, internship and On the Job Training	Navyug Peshwa Road		
13	Research,	Navyug Sarojini Nagar		

	internship and On the Job Training			
14	Research, internship and On the Job Training	S.K.V. Safdarjung		
15	Research, internship and On the Job Training	Khrisht Raja School		
16	On the Job Training (Third Year)	SDMC Primary School RK Puram sec 1	5 Days Observation – Whole Working Day, 10 working days 3 teaching periods each day, August 2019 to February 2020	Students of B.El.Ed Department throughout the year engage in developing lesson plans and resources (Material development) for Language, Environmental Studies and Mathematics. Students of third year go for a week long non participant observations in various state run schools. They also develop and execute lesson plans (in pairs) in their previously observed classes.
17	On the Job Training (Third Year)	SDMC Primary School RK Puram Sec 12		
18	On the Job Training (Third Year)	SDMC Primary School South Moti Bagh		
19	On the Job Training (Third Year)	SDMC Primary School RK Puram Sec 8		
20	On the Job Training (Third Year)	SDMC Primary School RK Puram Sec 3		
21	On the Job Training (Third Year)	SDMC Primary School Mohammadpur		
22	On the Job Training and Field Trip (Art and craft session, First Year)	Kiran Nadar Museum of Art (KNMA)		

23	Field Trip (Physical Education Practicum, Second Year)	Aurobindo Ashram, Nainital	5 Days, August 2019 to February 2020	At the ashram, students present poems, skits and stories and take part in different kinds of games like rock climbing, river crossing, yoga, aerobics, skating, cycling and activities such as marching, dancing and drilling that builds a sense of oneness, coordination and team feeling. Students are also given exposure to experiential learning and physical education, lesson planning and developing games for young students.
24	Field Trip (Third Year)	Digantar Shiksha Evam Khel Kood Samiti, Jaipur	10 days, 15 november to 24 November 2019	For years, our students have been visiting Digantar Shiksha Evam Khel Kood Samiti in Rajasthan. With its motto of 'Education for Justice and Equality', Digantar schools offer unique insights to our students into the school ethos, school as a social system, aims of education, teaching- learning practices, participation of learners in their own learning, community engagement and partnership with the school.
25	Outreach Programme in Geriatrics	Sir Ganga Ram Hospital	2019 – Ongoing	This initiative aims at providing physical & emotional support to geriatrics in need of help. This will inculcate a sense of social responsibility, develop and nurture the right values of compassion and service in students of B.Voc. (HealthCare Management).
26	Internships for students of B.Voc. (HealthCare Management)	Fortis, Vasant Kunj	May 2019 – June 2019 (45 days)	Students of 1st Year B.Voc. (HealthCare Management) interned
27	Internships for students of B.Voc. (HealthCare Management)	Fortis, Shalimar Bagh	May 2019 – June 2019 (45 days)	Students of 2nd Year B.Voc. (HealthCare Management) interned
28	Internships for students of B.Voc. (HealthCare Management)	Fortis Memorial Research Institute, Gurugram	Jun-19	Students of B.Voc. (HealthCare Management) interned
29	Internships for students of B.Voc. (Retail Management & IT)	Reliance Trends	1st June to 30th, 2019	Students of B.Voc. (Retail Management & IT) interned

14. Students under Exchange Programme

- One student Ananya Malik attended Cambridge Summer Internship from 7/07/2019 to 20/07/2019.
- As part of academic collaboration with American Business School (ABS) in Paris, Dr. Fady Fadel conducted an orientation for the short term- luxury brand management course which was partly held in India and partly in Paris, France. 19 Students from JMC enrolled for this course.

15. Placement Details

UG [3 Years Program]

Year	Placements		Median salary of placed graduates p.a. (Amount in Rs.)
	Placement Cell	Department	
2019-20	72	290	450000

UG [4 Years Program]

Year	Department Placements(B.El.Ed)	Median salary of placed graduates p.a. (Amount in Rs.)
2019-20	11	400000

The combined data of Placement:

Total Number of Students Placed - 373 approx

Total Number of Companies visited for campus recruitment – 80 approx.

16. Extension and Outreach Activities

Name of the Activity	Organising Unit	Name of the Scheme	Number of the Students Participated
1. JMCEP classes are conducted regularly from 3:00 pm-4:00 pm, five days a week (Monday to Friday) - Number of children registered 75.	Jesus and Mary College Educational Programme (JMCEP) in collaboration with:	JMC Educational Programme (JMCEP)	408
2. Visit to Vivekananda camp	1. Neighbouring Communities (Bapu Dham Colony, SP Marg, Dhobi Ghat, Sanjay camp, IB colony and Vivekananda		
3. Visit to Bapu Dham Camp			
4. Visit to Sanjay Camp			
5. Donation Drive at Bapu Dham Colony			
6. Mini Celebration of Onam with kids of Bapu Dham Colony			
7. Session with Echo for kids of Bapu Dham	3. Nrityanjali Society		
8. Awareness about Say 'NO' To Plastic in a session with Bapu Dham Kids.	4. NGO CRY		
9. Awareness about Good Touch, Bad Touch among kids of neighbouring communities.	5. NGO Teach for India		

10. Session with Echo-Session on English rhymes and poems. Kids of underprivileged colonies participated.	6. Girl Up Sakhi		
11. Celebrated Gandhi Jayanti with kids.			
12. Awareness session on Child Protection Policy among colony kids.			
13. Diwali party - 210 kids of Bapu Dham visited the college for the celebration.			
14. Children's Day - 75 kids from society attended the function.			
15. Book Donation Drive in collaboration with an NGO			
16. Session on Hygiene in collaboration with CRY			
17. Teacher Training Workshop in collaboration with Teach For India			
18. Donation of Menstrual Kits to Bapu Dham females in collaboration with Girl Up Sakhi			
19. Anti-Plastic cum Recycling Campaign	Enactus JMC in collaboration with:	Enactus – A network of global business, academic	80

20. Daan Utsav – Raised money for NGO Guzaarish- Books for All in collaboration with Indian Oil Corporation	1. DTEA Senior Secondary School, Pusa Road, Delhi	and student leaders engaged in development of entrepreneur among the disadvantaged. https://enactus.org/	
21. Social Entrepreneurship and Innovation Workshop with Terry Torok, Global Chief Innovation Officer, Enactus Global	2. KPMG		
22. Project Iffat, collaborative partnership with Project Corganic run by Enactus Tilburg University, Netherlands	3. NGO Guzaarish- Books for All		
23. ‘BeGoodFestival- For Earth’ festival aimed at promoting sustainable ways of living collaborated with NGO ‘OurVoix’	4. Indian Oil Corporation		
24. Project Dhara collaborative partnership with WePlant India, a national movement which fights malnutrition and hunger	5. Enactus Tilburg University, Netherlands		
25. Project Sugam focuses on reducing twin problems of - plastic pollution and poor sanitation - by constructing toilets using Eco Bricks.	6. NGO ‘OurVoix’		
	7. WePlant India		

<p>26. Prestigious School Project: Implementation of Activities to enrich NP Co-ed Senior Secondary School, Bapu Dham, through transformative practices, multi-level interventions and collaborative partnerships.</p>	<p>Jesus and Mary College in collaboration with: New Delhi Municipal Corporation (NDMC) and N.P. Co-ed Senior Secondary School, Bapu Dham</p>	<p>Golden Jubilee Project</p>	<p>91</p>
<p>27. EVS workshop for teachers conducted in Bapu Dham School</p>			
<p>28. Anemia Detection Camp organised in Bapu Dham School</p>			
<p>29. Workshop on 'Exploring the Self as a Teacher' was conducted with primary and middle faculties of NDMC School.</p>			
<p>30. Counselling Sessions was conducted in Bapu Dham School for Students</p>			
<p>31. Community Outreach Project in Sanjay Camp by students of Research and Skill Development Cell</p>	<p>Department of Economics</p>		<p>30</p>
<p>32. Paper Collection Drive in collaboration with Nawaazish Foundation and Raunak- Helping Hands</p>	<p>Department of Commerce in collaboration with Nawaazish foundation</p>		<p>200</p>

33. Prestigious School Project: Students and teachers visit the BapuDham School once in a week to help the students to develop a better understanding of the subjects.	Department of English		37
34. Prestigious School Project: Students and teachers visit the BapuDham School once in a week to help the students to develop a better understanding of the subjects.	Department of Mathematics		35

17. Library Development Criteria

The Library acquired 532 books during 2019 – 2020 out of which 501 are textbooks and 31 are reference books. The total collection of the Library books has been augmented to 48,658 books.

Total 95 journals have been subscribed during the year.

The Institution has access to 6000 e-journals and 98000 e-books through INFLIBNET-N-List which can be remotely accessed. Additionally, a lot of e-resources are available through DU wifi.

Total expenditure on Books - Rs 378,364

Total expenditure on Journals - Rs 492,107

Total expenditure on e-books/e-journals - Rs 5,900

18. Faculty Strength

Permanent - 70

Ad-hoc - 59

19. Financial Allocation and Utilization

a) Grant Sanctioned – Rs. 34,31,83,000

b) Utilized -- Rs. 42,13,35,706

20. Other Significant Information

Faculty Development Programme

- FDP on 'Climate Across the Curriculum: Educational Resources for Teachers' for teaching staff on 28/01/2019.

- FDP on ‘Reimaging Academic Leadership- Redefining the role of Teacher’ and ‘Academic Excellence in the Era of Disruption’ by Maj. Gen. G G Dwivedi for teaching staff on 16/12/2019.

Audits

- The college conducted following Audits in 2019-20
 1. Energy Audit
 2. Environment Audit
 3. External Administrative Audit
 4. External Departmental Audit for all departments

Green Practices

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participate d in such activities
1. Awareness programme (a rally on water conservation, a talk, a tree plantation programme and poster making competition) under the JAL SHAKTI ABHIYAN which is an initiative of the Department of Drinking Water and Sanitation, Ministry of Jal Shakti, Government of India.	Green Society in collaboration with:		2019-20	330
2. Plantation of a variety of saplings across college campus as part of a tree plantation drive, Varsha Vriksharopan	1. The Fine Arts Society			
3. Workshop on Reducing Plastic Footprint along with a stall for selling environment friendly plastic alternatives.	2. District Disaster Management Authority, New Delhi			
4. Participated in United Nations’ #ActNow Climate Campaign	3. Ministry of Environment, Forest and Climate Change, Government of India.			
5. Nukkad Natak as part of Delhi Pollution Control	4. Delhi University Garden			

Board's efforts to provide significant instructions during the festive season	Committee			
6. Members attended conclave on 'Circular Economy of Plastic Waste and Livelihood Opportunities and Excellence Awards for Academia and Community'.	5. The Happy Turtle organisation			
7. Support towards the Anti-Plastic cum Recycling campaign organized by Enactus and Mercatus Society under which plastic was collected by the students with the aim of recycling the same.	6. Greensphere, Eco Club of Indira Gandhi Delhi Technical University for Women			
8. #SayNoToCrackers Campaign				

Institution Distinctiveness: Gender Sensitisation and Gender Empowerment

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
1. Workshop on women's menstrual health by TheaCare	Women's Study Centre (WSC) in collaboration with:	Women's Studies Centre - UGC funded Scheme for women empowerment	2019-20	280
2. Film screening of Shabnam Virmani's documentary "When Women Unite"	1. TheaCare			
3. Inaugural Debate Competition on the motion "This House Believes that Collective Movements are the Key to Liberation and Not Individual Upliftment"	2. RAAG			

4. WSC certificate course classes: Themes covered were “Employment and Poverty: A Gender Perspective”, “Workplace Dynamics, Laws and Gender Rights”				
5. Workshop on “Agency and Women’s Writings”				
6. Workshop on “Voicing Dissent and Demanding Equality: Feminist Songs” conducted by RAAG				
7. Commemoration of Girl Child: Open Mic session (experience sharing on instances wherein one has personally faced or witnessed discrimination along gender lines in childhood).				
8. JAGRITI – Commemoration of International Women's Day				

21. Name and Contact details of Coordinator for annual report 2019-20 of College

Dr. Alka Marwaha
Associate Professor
Department of Mathematics

Principal’s Signature