Evaluation Report of the Programme

The self-evaluation of every department may be provide separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: MCA
2. Year of Establishment: 2001
3. Name of programmes/Courses offered (UG, PG, M.Phill., Ph.D., Integrated Masters; Integrated Ph.D., etc.): NA
4. Names of Interdisciplinary courses and the departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise): Trimester
6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of Teaching posts

	Sanctioned*	**Filled****
Professors	3	4
Associate Professors	5	6
Asst. Professors	16	14

*the term 'sanctioned' refer to the minimum required by affiliating university.
**Filled refers to the actual staff strength.

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. V.B. Aggarwal	Ph.D	Professor	IT	38	8
Dr. Deepshikha Aggarwal	Ph.D	Professor	IT	16	
Mr. J.P Singh	M.Phil (Maths), Double MSc(	Professor	IT	17	

	Maths) , MFM , M.Com				
Dr. Praveen Gupta	Ph.D	Professor	IT	21	
Mrs. C.Komalavalli	M.Sc. (IT)	Associate Prof.	IT	17	
Dr. Deepak Chahal	Ph.D	Associate Prof	IT	9	
Mrs. Archana B.Saxena	MCA	Associate Prof	IT	13	
Dr. Latika Kharb	Ph.D	Associate Prof.	IT	13	
Mrs.Deepti Khanna	M.Tech	Associate Prof.	IT	16	
Dr. Megha Gupta	Ph.D	Associate.Prof	IT	5	
Ms. Yogita Sharma	M.Tech	Asst.Prof	IT	6	
Mrs. Suman Madan	M.Phil	Asst.Prof	IT	20	
Ms. Chetna Loriya	MCA	Asst.Prof	IT	15	
Ms. Ankita Chopra	M.Tech	Asst.Prof	IT	8	
Ms. Nainika Kaushik	M.Tech	Asst.Prof	IT	2	
Dr. Priyanka Goel	Ph.D	Asst. Prof.	IT	15	
Mr. Devesh Lowe	MCA	Asst.Prof	IT	14	
Ms. Geeta Sharma	M.Tech	Asst.Prof	IT	14	
Ms. Ruchika Sharma	M.Phil	Asst.Prof	IT	11	
Mr. Mohit Mathur	MCA	Asst.Prof	IT	15	
Ms.Kanika Gupta	MA	Asst.Prof	IT	1	
Mr. Nitin Saraswat	MCA	Asst. Prof.	IT	11	
Ms. Rachna Minocha	MCA	Asst. Prof.	IT	8	

Ms. Manisha Tripathi	M.Tech	Asst. Prof.	IT	15	

11. List of senior visiting faculty:

Ms. Shalu Mehra

Mr. Manpreet Singh

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty
Nil

13. Student-Teacher Ratio (programme wise): 15 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Administrative Staff	8*	12
Technical Staff	2*	12**

*sanctioned by governing board.
** The number referred to the total technical staff

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.
The details of qualification of teaching faculty is given in S.No. 10.

16. Number of faculty with ongoing project from a) National b) International funding agencies and grants received.
Nil

17. Departmental prokect funded by DST – FIST; UGC, DBIT, ICSSR, etc. and total grants received
Nil

18. Research Centre/facility recognized by the University
Nil

19. Publications:
- A) Publication per faculty

- Number of papers published in peer reviewed journals (national/international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dara Database – International Social Science Directry, EBSCO host, etc.)
- Monographs-
- Chapter in Books-
- Books Edited
- Books with ISBN/ISSN number with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- H-index

S. No.	Faculty Name	Conference	Organised by	Topic of Paper Presented / Published	Date
1	Ms. Deepti Sharma	**Int. Journal of Computer Application**		**An Effective Mechanism for Improving Performance of Load Balancing System in Cluster Computing**	**Apr-15**
2	Ms. Deepti Sharma	**International Journal of Computer Science & Engineering**		**Mapreduce-A Fabric clustered Approach to Equilibrate the Load**	**E-ISSN: 2347-2693 Vol.- 04 Issue - 03,Mar2016**
3	Ms. Suman Madan	**Next Generation Computing & Information Security: "Emerigng Trends and Challenges"**	**IMS, Ghaziabad**	**Cloud Computing Security Strategies**	**23-Mar-13**
4	Ms. Suman Madan	**Int. Conference on "Emerging Trends, Challenges & Opportunities in Global Business, Management, Tourism & Information**	**Research Development Research Foundation Jaipur in collaboration with RCC&I, Jaipur**	**Intelligent Decision Support System for Healthcare**	**28-29 September 2013 Published in Journal of Banking, Information Technology and**

		Technology"			Management (ISSN No. 0972-902X) Vol. 10 No. 2 (July-Dec, 2013)
5	Ms. Suman Madan	International Conference on Advances and Challenges in Global Business, Management, Economic, Tourism & Information Technology, IC-GBMETIT-2014	RDA and RDRF	Decision Support and Data Integration Techniques in Healthcare Domain	1-2 Feb, 2014
6	Ms. Suman Madan	International Journal of Computer Science Issues		Big data:a trouble or a real solution	IJCSI Volume 12, Issue2, March 2015
7	Ms. Suman Madan	Int. Conference on Innovative Research in Soft-Computing, E-Learning, Information and Communication Technology	Krishi Sanskriti	Data Driven Analytics: Prospects and Challenges	11-12 April 2015
8	Ms. Suman Madan	International Journal of Computer Science , Information Technology and Science, indexed in Sciverse Scopus, Citeseer, Google Scholar etc.		Big Data Security	Vol.6 No.3, May-June 2016
9	Dr V B Aggarwal	National Conference on Mind Management for Management	University School of Management Studies Guru Gobind Singh Indraprastha	Understanding the role of Big Data Analytics in Business Management	7th Nov 2014

			University		
10	Ms. Chetna Lariya	International Journal of USA American Journal of Engineering		Intelligence based Outlier Disclosure for UDBMS at sensor:WBSN	August, 2016
11	Ms. C Komalavalli	International Journal of Computer Application		Modern Query Optimization Technique for Improving Energy Efficient data Gathering and Processing in Wireless Sensor Network.	18th December 2015
12	Ms. C Komalavalli	IOSR Journal of Computer Engineering		Energy Efficient Query Optimization in WSN using Three Level Modelling	23rd Feb,2016
13	Ms. Deepshikha Aggarwal	International Journal of Computer & Mathematical Sciences ISSN 2347 - 8527, Impact Factor 2.58	Pulished in Academic Science	A novel and optimized parallel approach for ETL using pipelining	ISSN 2347-8527, Impact Factor 2.58
14	Ms. Deepshikha Aggarwal	National Conference on Mind Management for Management	University School of Management Studies Guru Gobind Singh Indraprastha University	Understanding the role of Big Data Analytics in Business Management	7th Nov 2014
15	Ms. Deepshikha Aggarwal	International Journal of Computer Application, USA		An Optimum Model for the Retrieval of Missing Values for Data Cleansing using Regression Analysis	May-15
16	Ms. Geeta Sharma	Int. Conference of Management and Behavioural Sciences	Society of Management and Behavioural Sciences	Latest Trend of Learning: EBM Learning Model - A Review of Literature	09-Mar-13
17	Ms. Geeta Sharma	International Journal of Computer		Comparative Study of Histogram Shifting	ISSN 2321-3469, Vol X,

		Engineering and Application		Algorithms for Digital Watermarking	Issue VII July 2016
18	Dr. Latika Kharb	International Journal of Scientific and Engineering Research	Houstan (USA)	Proposing a Comprehensive Software Metrics for Process Efficiency	ISSN 2229-5518, IJSER Volume 5, Issue 9 Edition, Sept 2014
19	Dr. Latika Kharb	International Journal of Computer Science and Telecommunications (IJCST)	London (U.K.)	Proposed Cost Estimation Metrics : Estimation of Cost of Quality in Software Testing	ISSN 2047-3338, Vol 6, Issue 2, February 2015
20	Dr. Latika Kharb	Journal Of Global Research in Computer Science		Challenges to Component Testability	ISSN: 2229-371X, Vol 6, Issue 3, (2015)October 2015
21	Dr. Latika Kharb	International Journal of Emerging Trends in Engineering Research	The World Academy of Research in Science and Engineering	Wearable Technology: Enhancing the Quality of Life	ISSN: 2347-3983, Vol 4, January 2016
22	Dr. Latika Kharb	International Journal of computer Science and Mobile Computing (IJCSMC)		Z' Maturity Model for Testing in Component Based Development	Vol. 5 ; Issue 8: August,2016

20. Areas of consultancy and income generated

At the national level, we find it more relevant to serve the medium and small scale sector. In its vicinity the institute has a lot of micro and small scale units which do not have any access to professional guidance. The institute provides various consultancy services and conduct management programmes for these units. Some of these corporate partners are:

a) DCP India Pvt. Ltd.
b) Taurus Clothing Co. Pvt. Ltd.
c) Kwality Dairy India Pvt. Ltd.
d) Okara Trade Parcel Carriers
e) Toyo Springs Ltd.

Apart from the small scale centre IBM had set up Centre for Excellence in our institute which had trained a large number of students. The institute is making efforts through FIEO for international corporate partners.

21. Faculty as member in
    a) National committees b) International Committees c) Editorial Boards.
       National Committee: 2
       Editorial Boards: 2

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme:100%
    b) Percentage of students placed for project in organizations outside the institution i.e. in Research laboratories/Industry/other agencies:5%

23. Awards/Recognition received by faculty and students
    Faculty: 3
    Students: 20

24. List of eminent academics and scientist/visitors to the department
    - Professor Saroj Kaushik,Head, Department of Computer Science and Engineering,IIT Delhi.
    - Prof Shyam Gupta, Department of Computer Science and Engineering,IIT Delhi.
    - Prof A.K Saini, University School Management Studies, GGSIPU,New Delhi.
    - Dr.S.K Muttoo, Associate Professor Department of Computer Science, University of Delhi.
    - Dr.Anita Goyal, Associate Professor, Dayal Singh College, University of Delhi.
    - Dr.Manisha Bansal, Department of Computer Science, Indraprastha College for Women,. University of Delhi.
    - Mr. G R Raghavender, Joint Secretary, Ministry of Commerce & Industry
    - Mr. Sudhanshu Malhotra, CEO, Webcom Technologies
    - Mr. Harshdeep Rapa, CEO, Freelance Company
    - Mr. Naresh Gupta, CEO, Bang in the Middle
    - Dr K K Agarwal, Vice Chancellor, K R Manglam University
    - Mr. Karan Chaturvedi, City Technical Developer Evangelist, IBM Ecosystem Development
    - Mr. Sanjeev Agarwal, CIO – Executive Vice President (IT), Apollor Munich Health Insurance Co. Ltd.
    - Mr. Nitin Manchanda, SEO Head, Askme.com

- Mr. Rahul Chitale, CTO, Askme.com
- Mr. Rajeev Aggarwal, Co-founder, Baysil
- Mr. Manish Aneja, Sr. Software Engineer Lead, IBM
- Mr. Love Chopra, Co Founder, careerguide.com
- Mr. Vivek, Training and Development Manager, IBNC
- Mr. Neelmani Gautam, Birlasoft
- Mr. Rakesh Vij, Chief Business Officer, Aricent
- Mr. Vaibhav Gupta, Adobe
- Mr. Sandeep, Dell
- Mr. Anurag Batra, Chairman and Editor in Chief, Business World
- Mr. Rajnish Dutta, Sr President-Human Capital-Lending division, Yes Bank
- Mr. Rajeev Sahdev, Sr. Vice President, Moser Baer
- Mr. Rajkamal Chauhan, Regional Head-North & East, Cushman & Wakefield
- Mr. Rajesh Tripathi, Vice President & Head- Human Resources, GHCL
- Mr. Prateek Dubey, Zonal Manager, PEC North,Hindustan Coca Cola Beverages
- Mr. Surajeet Banerjee, Senior VP-HR, DLF Universal Limited
- Prof. Neena Sinha, Prof, USMS, Guru Gobind Singh Indraprastha University
- Prof. DPS Verma, Prof. (Retd.), Delhi University
- Dr. J.K. Jain, Professor, MDI, Gurgaon
- Abhay Kapoor, Associate Vice President (Corporate HR & ER) and Head - Group ER, Escorts Limited
- Ajay Hiraskar,Director- Global Application and Packaging,Dell
- Raj Kapoor, COO, JCT Electronics
- Rajiv Mitra, CEO, Govind Mills Ltd
- Dr. Harsh Vardhan, Professor FMS, Delhi University
- Prasoon Bhardwaj, AVP, Jubliant
- Dr Amit Pareenja, Manager,Business Solutions Consulting Group, Vodafone
- Prateek Dubey, Zonal Head, Coca Cola
- Vineet Mittal, Zonal Head Marketing, Reliance Broadcast
- Prof. C.P. Gupta, Professor, Department of Financial Studies, University of Delhi
- Prem Thakur, AVP, Steria
- Gopal Mandal, Director- Finance, IDFC
- Sandeep Gupta ,AVP –Finance, Jindal Stainless Limited
- Sunil Sayal, CFO- India Region, Nokia Solutions & Network's India Pvt Limited
- Vikrant Singhi, Associate Director – Corporate Finance & Investment Banking, PricewaterhouseCoopers
- Mr. B.P. Mukherjee, CEO – APAC operations, Edgesoft Pvt. Ltd.
- Mr. Ashish Mittal, Founder – Turning Ideas
- Ms. Poonam Budhiraja, Principal Consultant – TCS

- Mr. Deepak Aggarwal, Technical architect, 3 pillar Global
- Ms. Ratnaboli Ghorai Dinda, Sr. Technical Director, Cyber Security Division, National Informatics Centre, Delhi
- Mr. Akshay Bhargav, Head PMO(Govt ISU), Tata consultancy services
- Mr. Kawaldeep Singh, Sr.Developer-IBM India
- Mr Aziz Ahmad, Technical Leader
- Mr Vinay Khandpal, Sr. Technical lead - Aricent technologies
- Mr. Sunil Kumar Patel, TSI Infotech
- Gaurav Midha, CEO, Beyond Number Group
- Rustam Sengupta, CEO, Boond;Rimi Oberoi, Founder & CEO,Oysterconnect.com
- Neha Juneja, Co- Founder & CEO,Greenways
- Pranav Kohli, Founder, Stag International
- Mayank Bhateja, Co- Founder & Director, Letsintern.com
- Abhay Gupta, Founder & CEO, Luxury Connect
- Shekhar Bhattacharjee, CEO, SEED Education, Skill Tree India Knowledge Consortium
- Gaurav Singhal, Co- Founder, Blue Digital Media
- Gaurav Mittal, MD & CEO,ITCONS E-Solution
- Vipul Bansal, Founder & CEO, Sunhill
- Snehashish Bhattacharjee, CEO & Co- Founder, Denave
- Mr. CSR Prabhu, Deputy Director General, NIC
- Mr. Sanjay Gupta, Editor The Financial Express B2B
- Mr. Alok Jain, Master Principal Enterprise Architect-ORACLE.
- Mr. Manish Pandey, Senior Windows Administrator, ADOBE.
- Mr. Ritesh Chopra, Country Sales Manager, Consumer Products & Solution, SYMANTEC CORPORATION.
- Mr. Abhilesh Guleria, Country Head-IT Platform & Display Solutions Business, NEC
- Mr. Gurnek Singh Thiara, Manager Pre Sales, ZyXEL Technology
- Cdr. Sukumar Pillai, Scientist of 'G level' in DRDO
- Mr. S.P Arya Chief Information officer. AMITEK
- Mr. Sharad Srivastava founder and managing director of RESTOR
- Mr. Syed Aamir Naqvi, Associate test lead Xavient Technologies
- Mr. Ranjan Roy, Associate Editor, The Times of India
- Mr. Jitin Prasada, Minister of State, human resource development
- Mr. D.Shivakumar, ex-head of emerging markets, Nokia
- Dr T.V Rao, chairman, TVRLS, Ahmedabad
- Mr. Anurag Malik, Partner – People & Organisation, E& Y
- Mr. Rajiv Kapoor, Executive VP and Chief People officer, Fortis Healthcare Ltd.
- Ms. Anisha Motwani, Max New York Life

- Mr. Nishchae Suri, Partner and Head of People and Change, KPMG
- Mr. Rajnish Datta, Sr. VP- Human Capital Mgmt, Yes Bank
- Mr. Prateek Dubey, Zonal Head PAC, Hindustan Coca ColaMr. A. Sudhakar, HR Head from Dabur
- Mr. Ranjit Oak, Associate Director - Sales, Procter & Gamble
- Dr. R.S Dhankar, Dean, FMS, DU
- Mr. Pradeep Bakshi, COO, UPBG, Voltas Ltd
- Mr. Udai Upendra, CEO, The HR Company
- Dr. V.P Singh, Executive Director-HR,RJ Corp/DIL
- Dr. Jaswinder Singh, Principal, SGTB Khalsa College
- Mr.Pradeep Katyal, CEO, Utsav Fashion Pvt. Ltd
- Dr. O.P Chopra, Dean (Retd), FMS, DU.
- Dr M.S Rawat, DCAC College, DU

25. Seminars/ Conferences/ Workshops organized & the source of funding
    a) National: 80
    b) International: 10
    c) Source of funding: Internal Resources

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
MCA	Centralized counseling through IPU	Centralized counseling through IPU	74	46	

*M=Male *F=Female

27. Diversity of students

Name of the Course	% of students from the same state	% of students from other State	% of students from abroad
MCA	85	15	NA

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?
    NET: 10%

29. Student progression

Students progression	Against % enrolled

UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • **Campus selection** • **Other than campus recruitment**	96% -----
Entrepreneurship	3%

30. Details of Infrastructural facilities
    a) Library
       We have well stocked library with the latest books, periodicals, journals and magazines, which provide voluminous information in every subjects. JIMS also has membership of British Council Division, Delnet. NDL and ISTE. JIMS Library has a collection of over 46807 volumes of books (25682 in management library and 21125 in I.T. Library). JIMS subscribes to 130 periodicals including 5 foreign Journals and 95 Indian Journals like Decision, Vision, Abhigyan and magazines like Harvard Business Review, Fortune and Economist etc. The library is enriched with e-journals of cengage LearningProquest Sage Publications, and springer-EEC.

    b) Internet facilities for Staff & Students
       The whole campus is wired and wireless with 64 mbps connectivity. It has wifi facility also.

    c) Class rooms with ICT facility
       JIMS has ultra modern class rooms with auditorium type of seating equipped with the latest equipments like LCD Projectors, Cordless Microphones, Combination of White Boards, Chalk Boards and screen etc.

    d) Laboratories: Computer Labs, Robotics lab, Digital Lab, Communication Lab

31. Number of students receiving financial assistance from college, university, government or other agencies
    3

32. Details on students enrichment programmes (special lectures/ workshop/ seminar) with external experts.
    The institute organises number of activities like seminars, debates, Guest Lectures, Workshops, Conferences, Summer School, Academic Club activities and various training sessions for students on Robotics, Communication Lab, Personality

Development, Mentorship Programme under Alumni Interaction Forum. These activities ensure the integration of Academic programmes and the objectives of the institute. The institute introduced Live Research projects and corporate internship programmes for students to gain practical knowledge as well.

33. Teaching methods adopted to improve student learning

Teaching methodology for a quality education has witnessed a sea change in the philosophy of management education at JIMS.

The pattern of management education at JIMS has transformed from mainly one sided communication i.e. classroom lecturers to interactive sessions through case discussions, presentations on strategic issues, business environment, leading through knowledge, book review, sectoral presentation, seminars, workshops and conferences. Management students are given more of field projects and industry interactive projects where they have interaction with the work culture. The programmes are more focused towards applied knowledge and practical issues. Numerous efforts have been undertaken to bridge the gaps between theory and practice. The assessment tools are more contemporary, for example MCQ tests, simulation exercises, etc. have been incorporated. The students have to submit their assignments through intranet / internet and the assessment of their assignments and projects are also done on line. IVRS systems has been installed which provides details about the courses, marks and attendance of the students in a semester automatically after entering a password. Introduction of the bulletin board has been developed on intranet for internal messaging of faculty and staff members.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The institute had been discharging its social responsibility in various ways over the past two decades. It is highly encouraging to note that the staff members, the students contribute towards this with a lot of enthusiasm and commitment. The Governing board of the institution and the society are always willing to undertake any such project the CSR activities of JIMS include:

1. Karmaarth
2. Eco-Club
3. Blood Donation Camps
4. Cloth Donation Camps
5. Swachh Bharat Abhiyan
6. Miscellaneous Activities
   - Cyclothon 2011 – Save Girl Child Campaign
   - Silent Play on Pathankot Air Force Incident by Patriotic Club JIMS on Republic
   - JIMS Patriotic Club Organized The Quit India Movement

- JIMS Patriotic Club Organized Nukkad Natak and Kite Flying Competition

35. SWOC analysis of the department and Future plans

Strengthes

As a self financing private sector professional institute JIMS is known for ensuring an excellent ROI (return on investment). Our commitment and dedication along with excellent location had made us one of the most sought after institutes in India. It has been possible because:-
- We like what we do
- We stir and select the best
- We don't just teach, we give a complete learning experience
- Our dedicated faculty is our Strength
- We are a pool of resources for the renowned companies
- We take pride in the facilities that we offer

Weaknesses

- The institute is located in Delhi. Presently, its campus is restricted to once acre land only. In the capital city, land is scarce. Moreover, the only land allotting authority in Delhi is DDA is no longer allotting land for institutional purpose.
- The institute is unable to provide outdoor sports facility to students within the campus.
- The institute does not have an extension counter of any bank.

Opportunities

The institute is no longer looking for additional programs and/or increasing students intake. Our entire focus is currently on improving the quality. This will provide us an opportunity to come into the elite category of professional institutions in private sector. Apart from national accreditation, we are also working towards regional and international accreditations. AMDISA has found us fit for SAQS accreditation (South Asian Quality Standard) and the process to get this accreditation is on.

Challenges

A lot of professional institutions are coming up both in the private sector as well as in the public sector. Many reputed professional colleges are increasing their capacities. Another challenge lies in our limited exposure in terms of foreign universities. The reputed professional institutes in other countries decline our offer due to statutory hurdles. These are some of the challenges that the institute faces. However we are hopeful that we shall be able to overcome all obstacles.

Future Plans

- Improvement in the quality of intake
- Starting five year intergrated programme
- Providing additional specialization

- Introducing credit transfer and choice based system