Dr.Manu Sehgal
Assistant Professor
Department of Information Technology
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DOB: 12thJanuary1982

Educational Qualifications	**Ph.D.in Information Technology** **Amity Institute of Information Technology**, India (2019)*PhDThesis: Design and implementation of knowledge mining agent for educational database* Ph.D.Supervisor: *Dr.Deepshikha Bhargava(Professor & Head of institute at Amity University Greater Noida) and Dr. Ajay Vikram Singh(VC in amity University Greater noida)* **M.Phil Computer Science** , Mullana University Ambala ,India(2008-2009) **M.Sc(IT)** - Guru Gobind Singh College Sector 26 Chandigarh (2004-2006) **Bachelor of Computer Application** Guru Gobind Singh College Sector 26 Chandigarh (2001-2003)
Teaching/Research Experience	• 14 July2008 -tilldate **Assitant Professor** in Department of **Information Technology** GGDSD College,Chandigarh • One year experience as an Assistant Professor, SGGS College, Sector 26, Chandigarh (2007-2008).
Areas of Interest **Publications** **(Journal/Book Chapters)**	• Data Mining and E- Learning **Journal Publications:** ➢ Research paper on, 'Significance of Data Models In Knowledge Discovery'published in CIIT JOURNAL, ISSN: 0974 – 9713 & Online: ISSN 0974 – 9616, YEAR 2011. ➢ Research paper on, 'A Study Of Selective Data Mining Algorithm' (PUBLISHED IN INTERNATIONAL JOURNAL OF COMPUTER SCIENCE ISSUES (IJCSI) JOURNAL,ISSN: 1694-0814 Vol. 8, Issue 2, March 2011 http://ijcsi.org/papers/IJCSI-8-2-479-483.pdf ➢ Research paper on, 'A Study On Fraud Detection Based On Data Mining Using Decision Tree ((IJCSI) JOURNAL) ISSN: 1694-0814, Vol. 8, Issue 3, No. 2, May 2011 http://ijcsi.org/papers/IJCSI-8-3-2-258-261.pdf

> Research paper on, 'A Study on Optimization of Bandwidth Management And Its Reduction For Cost Effectiveness (CIIT JOURNAL)ISSN: 0974 – 9713 & Online: ISSN 0974 – 9616, YEAR 2011

> MINNING KNOWELDGE FROM A DATABASE: AN APPROACH WITH SMART AGENTS " Manu Sehgal ISSN:2249-7137 Vol. 5 Issue 11, Nov. 2015 Impact Factor: SJIF 2013=5.099 **published by** ACADEMICIA: A n I n t e r n a t i o n a l M u l t i d i s c i p l i n a r y R e s e a r c h J o u r n a

Book Chapters:

NIL

Seminars/ Conferences/Symposiums (Paper Presented)	> **Presented and published** a research paper in National Seminar titled "Mining Knowledge from a Database: A Network Analysis Report' held on 11th February 2012 at GGDSD College, Sector 32, Chandigarh. Research paper on, 'Significance of Knowledge Discovery Meta Models in a database and its effect in data mining, January, 2014. Which was published in Preceding of National seminar on emerging trends of information Technology > **Presented and published** a paper title "Mining knowledge from a Database: An approach using Datacleansing, data integration and Text joins" at the International Conference SmartTech 2017 organized by Amity Institution of Information Technology at Amity University Rajasthan, Jaipur, India from 27-29 March 2017 in International Journal of Computing and Application Vol 16 Issues 1 Pages 51-54 ISSN 0973-5704 > **Presented and published** a paper titled "Mining knowledge from a Database: An approach using comparison of data cleansing tools" at the International Conference SmartTech 2017 organized by Amity Institution of Information Technology at Amity University Rajasthan, Jaipur, India from 27-29 March 2017 in Journalism of Information and Optimization

Sciences (JIOS) Vol 39, Issue 1Pages 337-343

- ➢ **Paper Published** in International Journal of Multidisciplinary Educational Research ISSN:2277-7881; IMPACT FACTOR :7.816(2021); IC VALUE:5.16; ISI VALUE:2.286 Peer Reviewed and Refereed Journal: VOLUME:10, ISSUE:11(3), November: 2021   on the title "STRESS OF SOCIAL MEDIA ON YOUTH "

- ➢ **Presented a** paper on"Role of Social Media in Pandemic" in ICSSR sponsored Seminar on Recent Trends in Information Technology organized by PG Department of information Technology held on 25 march 2022

Refresher Courses/Workshops/Training Programmes	•

Workshop

- ➢ Attended Workshop on "*Automation System in Education Sector*" sponsored by RUSA organized by S.D. College, Sector 32, Chandigarh on **18th to 20th February 2016.**

- ➢ Attended Workshop on "R Software" organized by GGDSD College from 7th to 9th April 2016.

- ➢ Attended hands on workshop on "Cloud Computing organized by A2IT Mohali on 5th November,2016.

- ➢ Attended a nationalseminar on "Business Growth and Corporate Sustainability" held on 17 January 2014 at GGDSD College Chandigarh, Sector 32, Chandigarh.

- ➢ Participated in seven Days Workshop on 'Instructional skills workshop (one week FDP)' organized by GGD SD College, Sector 32-C, Chandigarh on 11 December to 17 December 2017

- ➢ Attended One day Seminar on "Information and Communication Technology (ICT) for Education, Research and Innovation (IERI-2018) conducted by the Department of Computer Science and Applications, Panjab University, Chandigarh on 26th April,2018.

- ➢ Attended Workshop on "Indian Research Information Network System (IRINS) sponsored by RUSA

organized by GGDSD College on 1st December 2018.

➢ Attended a national seminar on "Goods and Services Tax" organized by GGDSD College on 20th January, 2018.

➢ Attended a national seminar on "Reforms to Transform India" organized by GGDSD College on 27thMarch, 2018

➢ Attended a webinar online on "MATLAB"on 30th may 2020 organized by the Department of Electricaland Electronics Engineering, Arasu Engineering College, Kumbakonam

➢ Attended a webinar online on "Ethical hacking on 13 June 2020 organized by Department of Computer Engineering, Sigma Institute of Engineering – Vadodara.

➢ Attended an Online conference on Cyber Crime: How to keep safe in virtual case studies and solutions on 29th may 2020 organised by institute of Technology and Science Gaziabad.

➢ Actively Participated in Online National Lecture Series on "Gamification, Machine Learning and IoT & Security", held from 25 May 2020 to 26 May 2020. Organized by GGDSD college Sector 32 chandigarh

➢ Attended a NationalLevel Webinar on "Cyber Security In Present Scenario & Career OpportunitiesIn the Field "organized by Department of Computer Science and IQAC of Shri R. L.T. College of Science, Akola (MS), held on 04 June 2020.

➢ Actively Participated in Online National Webinar series 16-06-20 to 20-06-20

➢ Actively Participated in the Faculty Development Program (FDP) entitled "Virtual LearningCreativity Tools", Organized by Rayat Institute of Management, Ropar Campus on 09-06-2020.

➢ Attended one week FDP on " INTELLIGENT SYSTEMS " from 29 June 2020 to 4 July 2020.

➢ Actively Participated in the One Week FDP on eSim - A

Free and Open Source EDA Tool conducted byDepartment of EEE in association with Spoken Tutorial IIT Bombay, Pandit Madan Mohan MalaviyaNational Mission on Teachers and Teaching (PMMMNMTT), MHRD, Government of India. From 15.06.2020 to 19.06.2020.

➢ Attended an FDP on managing Virtual Classrooms organized by Centre for Academic Leadership and Education Management (CALEM), Panjab University, Chandigarh under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with SWAYAM Cell, Institute of Educational Technology and Vocational Education & University Business School, Panjab University, Chandigarh-From 24 to 29 jun2 2020

➢ Attended an Three Day Online Faculty Development Program on"Cyber Security " from 3rd June - 5th June 2020 hosted by departments of Electronics and Communication Engineering ,in Association with ISTE and INDIAN SERVERS

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Invited Talks	NIL
Projects	•
MOOCS/Online Content	• NIL
M. Phil Dissertation Supervised	NIL
PhD Thesis	NIL
Administrative Experience	• NIL
Membership of Economic Associations	• NIL

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