Dr. Komal Kumar Bhatia
Professor
Department of Computer Engineering.
Faculty of Informatics & Computing,
J.C. Bose University of Science & Technology, YMCA
(erstwhile YMCA University of Science & Technology)
(A State Govt. Univ. under section 2f & 12B of UGC)
Faridabad, 121004, Haryana INDIA

1.	BRIEF BIOGRAPHY

Komal Kumar Bhatia is working as Professor in Department of Computer Engineering at J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana has a work experience of more than 25 years. He received his B.E., M.Tech. and Ph.D. degrees in Computer Engineering in 2001, 2004 and 2009 respectively. He has guided twelve Ph.Ds and guiding five Ph.D. scholars. He has also guided more than hundred M.Tech. dissertations. He has published more than one hundred fifty research papers in reputed journals and conferences and his areas of interests are Information Retrieval Systems, Hidden Web, Web Mining, Machine Learning and Artificial Intelligence.

He has also worked as Founder Dean, Faculty of Informatics & Computing and Chairman of Department of Computer Engineering for more than five years. He has also served as Controller of Finance, Controller of Examinations and Professor Incharge (Academic Affairs) and currently, he is having the additional charge of University NBA Coordinator, Nodal Officer RUSA, Nodal Officer PM-USHA. He has worked on almost all the key positions in the University. He is also member of several Professional bodies at National/International level.

2	PERMANENT POST

Name: Dr. Komal Kumar Bhatia

Designation: Professor in Department of Computer Engineering (Since Jan 2014)

Name of the University: J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana

Date of Birth: 13/10/1979   **Sex (M/F):** M

3.	EDUCATIONAL DETAILS (GRADUATION ONWARDS)

S. No.	Institution	Degree Awarded	Year	Field of Study
1	Maharishi Dayanand University, Rohtak	B.E. with Honours	2001	Computer Science & Engineering
2	Maharishi Dayanand University, Rohtak	M.Tech. with Honours	2004	Computer Engineering
3	Maharishi Dayanand University, Rohtak	Ph.D.	2009	Topic: Design of a Task oriented Hidden Web

				Crawler

4.	RESEARCH AREA			

Information Retrieval, Web Mining, Hidden Web, Big Data Analytics, Machine Learning, Artificial Intelligence

5.	PROFESSIONAL CAREER (STARTING WITH THE MOST RECENT EMPLOYMENT)			
S. No.	**Institution**	**Position**	**From (Date)**	**To (Date)**
1	J. C. Bose University of Science & Technology, Faridabad	Professor	14.01.2014	Till date
2	J. C. Bose University of Science & Technology, Faridabad	Associate Professor	14.01.2008	13.01.2014
3	J. C. Bose University of Science & Technology, Faridabad	Assistant Professor (Computer Engg)	03.01.2006	13.01.2008
4	Interglobe Technologies Pvt. Ltd	Software Engg.	April 2004	Dec 2005
5	Apeejay College of Engg. Sohna	Lecturer (Computer Engg)	July 2002	Sep 2004
6	BMIET, Sonepat	Lecturer (Computer Engg)	13.01.2001	July 2002

6.	PROJECT GRANTED UNDER RUSA AS NODAL OFFICER

Rashtriya Uchchatar Shiksha Abhiyan (RUSA) is the central government's contribution to further the promise held by the rich expanse of India's state universities. The key objectives of RUSA are to improve access, equity and quality in higher education through planned development of higher education at the state level. Objectives include creating new academic institutions, expanding and upgrading the existing ones, developing institutions that are self-reliant in terms of quality education, professionally managed, and characterized by greater inclination towards research and provide students with education that is relevant to them as well the nation as a whole.

J. C. Bose University of Science & Technology, YMCA, Faridabad was granted a fund of Rs. 20.00 Crores under Component 3 i.e., Infrastructure Grants to Universities on 20-12-2018. Under this the following infrastructure has been developed in the University:

- Girls Hostel (With G+8 floors, area 8624 Sq. Meters having student capacity of 270) of Cost of Rs. 9.00 crores is under construction.
- Laboratory equipments, Desktop Computers, sports facilities, e-resources have been procured.
- Renovation General Electrical Workshop, Microwave Lab, Embedded Lab, Animation Lab, Maths Lab, Class Room furniture, Faculty Room and Classroom renovation has been done.

7.	HONORS/ AWARDS
i.	Best Teacher Award on September 2020 by District Administrator, Faridabad

ii.	Award for selfless services during COVID-19 PANDEMIC BY Indian Red Cross Society, Haryana State Chandigarh on 10 March 2021.	
iii.	Award by the University for developing Digital Learning Management System (DLMS) for online Teaching-Learning during COVID-19 on September 2020.	
iv.	Awards for research publications in prestigious Journals by the University in year 2009, 2010, 2011, 2012,2013.	

8.	**REARACH PUBLICATIONS (NUMBERS ONLY)**

i.	Ph.D. Guided: 11
ii.	Ph.D. Guiding: 05
iii.	M.Tech. Guided: More than hundred
iv.	Books: 8 (Book Chapters)
v.	Research Papers, Reports: More than 120
vi.	Patents: 01 granted and 02 published
vii.	Others (Please specify): 15 (Paper presentations)

9.	**RECENT PUBLICATIONS**

1. Research Publications in National/International Journals

(a) Research Publications in National/International Journals (July 2013-June 2014)

1. Sonali Gupta, Komal Kumar Bhatia, Pikakshi Manchanda: WebParF: A Web partitioning framework for Parallel Crawlers. In International Journal of (IJCSE) indexed by Google Scholar, CiteseerX, Index Copernicus, DOAJ, vol. 5, No. 8, August 2013 (UGC Approved).

2. Sonali Gupta, Komal Kumar Bhatia: A Novel Term Weighing Scheme (Vardf) Towards Efficient Crawl of Textual Databases, In International Journal of (IJCEA) Vol. IV, Issue I/III (UGC Approved).

3. Sonali Gupta, Komal Kumar Bhatia: A Comparative Study of Hidden Web Crawlers in International Journal of Computer Trends and Technology (IJCTT) – volume 12 number 3 – Jun 2014, pp 111- 118, ISSN: 2231-2803 (UGC Approved).

4. Sonali Gupta, Komal Kumar Bhatia: Optimal Query Generation for Hidden Web Extraction through Response Analysis, in International Journal of Information Retrieval Research (IJIRR), 4(2), 1-18, April-June 2014. DOI: 10.4018/ijirr.2014040101 (UGC Approved).

5. Sudhakar Ranjan, Komal Kumar Bhatia, Indexing for Vertical Search Engine: Cost Sensitive" International Journal of Emerging Technology & Advanced Engineering Volume 3, Issue 10, October 2013 (UGC Approved).

6. Sudhakar Ranjan, Komal Kumar Bhatia, "Query Interface Integrator for Domain Specific Hidden Web" International Journal of Computer Engineering & Applications Vol IV, Issue I/III, Oct.-Dec. 2013, Indexed by DBLP (UGC Approved)**.**

7. Babita Saharawat, Ashok Goyal, Komal Kumar Bhatia Prefetching of Data from Hidden Web Using Domain Specific Interface Mapper, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 5, May 2013 (UGC Approved).

(b) Research Publications in National/International Journals (July 2014-June 2015)

1　Manvi, Ashutosh Dixit, Komal Bhatia and RinkiKardam, "A novel Technique for creating Semantic database for hidden web", in International Journal of Innovative research in Science & Technology (IJIRST), Volume 1, Issue 11, ISSN (online):2349-6010, April 2015, pp 299-305 (UGC Approved).

2　Manvi, Ashutosh Dixit, Komal Bhatia and Jyoti Yadav, "Design and Implementation of Domain based Semantic Hidden Web Crawler" in volume 4, Special Issue, May 2015 of International Journal of Innovations and Advancement in Computer Science ISSN 2347-8616. **DBLP indexed** (UGC Approved)**.**

3　Manvi, Jyoti Yadav, Komal Kumar Bhatia "Design of a novel Ranking Technique for Hidden Web pages"in Advances in Computer Science and Information Technology (ACSIT), Volume 2, Number 9; April-June, 2015 pp. 48-51.

4　Sudhakar Ranjan, Komal Kumar Bhatia, "Indexing for Domain Specific Hidden Web" International Journal of Computer Engineering & Applications Vol VII, Issue I, July 2014 (UGC Approved).

5　Sudhakar Ranjan, Komal Kumar Bhatia, "Web Log for Domain Specific Hidden" International Journal of Computer Engineering & Applications Vol VII, Issue I, July 2014 (UGC Approved).

6　Sudhakar Ranjan, Komal Kumar Bhatia, "Transaction in Hidden Web" International Journal of Computer Engineering & Applications, Vol VIII, Issue II, November 2014 (UGC Approved).

(c) Research Publications in National/International Journals (July 2015-June 2016)

1　Manvi, Komal Kumar Bhatia and Ashutosh Dixit, "A novel design of hidden web crawler using ontology", in International Journal of Engineering Trends & Technology (IJETT), August 2015, ISSN: 2231-5381 DOI: 10.14445/22315381/IJETT-V26P204. **DBLP indexed** (UGC Approved)**.**

2　Manvi, Komal Kumar Bhatia and Ashutosh Dixit "Annotating Ranking Techniques for Hidden Web: A Review"in Journal of Network Communications & Emerging Technologies (JNCET), Volume 5, Special Issue 2, December (2015) (UGC Approved).

3　Surbhi Bhatia, Manisha Sharma, Komal Kumar Bhatia, Sentiment Knowledge Discovery using Machine Learning Algorithms,Journal of Network Communications and Emerging Technologies (JNCET) Volume 4, Special Issue 1, September (2015) (UGC Approved).

4　Vandana Dhingra, Komal Kumar Bhatia "SemCrawl: Framework for Crawling Ontology Annotated Web Documents for Intelligent Information Retrieval" Intelligent Distributed Computing. Springer International Publishing, 2015, Paper indexed in ISI Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress, Springerlink (UGC Approved).

5　Sudhakar Ranjan, Komal Kumar Bhatia, "Design of a Least Cost Vertical Search Engine based on

DSHWC" IJIRR, International Journal of Information Retrieval and Research), IGI Global in Vol 7 Issue 1, 2016 (UGC Approved).

(d) Research Publications in National/International Journals (July 2016-Dec 2016)

1. Surbhi Bhatia, Manisha Sharma, Komal kumar Bhatia, A Novel Approach for Crawling the Opinions from World Wide Web,IJIRR(International Journal of Information Retrieval and Research), IGI Global, August 2016 on ACM Digital Library (UGC Approved).

(e) Research Publications in National/International Journals (Jan 2017-June 2017)

1. Sudhakar Ranjan, Komal Kumar Bhatia, Design of a Least Cost (LC) Vertical Search Engine based on Domain Specific Hidden Web Crawler, International Journal of Information Retrieval Research (IJIRR) 7(2), April 2017, ISSN: 2155-6377|EISSN: 2155-6385|DOI: 10.4018/IJIRR, (UGC Approved)

2. Vrinda, Dr. Komal Kumar Bhatia, "*Opinion Mining (using Naïve Bayes Classifier)*" published in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 IJERTV6IS040031 Vol. 6 Issue 04, April-2017 (UGC Approved).

(f) Research Publications in National/International Journals (July 2017-March 2019)

1. Surbhi Bhatia, Manisha Sharma, Komal Kumar Bhatia, OPINION TARGET EXTRACTION WITH SENTIMENT ANALYSIS, International Journal of Computing, 2018/9/30, Volume 17 Issue 3 Pages 136-142. Scopus Indexed

2. Surbhi Bhatia, Manisha Sharma, Komal Kumar Bhatia, Opinion Score Mining: An Algorithmic Approach, International Journal of Intelligent Systems and Applications, Volume 10 Issue 11 Pages 34 Publisher Modern Education and Computer Science Press, 11/2017, Scopus Indexed.

3. Keerti, Neelam Duhan, Komal Kumar Bhatia, "A Survey on Automatic Text Summarization with Coherence". Journal of Emerging Technologies and Innovative Research (JETIR), March 2019, Volume 6, Issue 3, ISSN-2349-5162, pp: 80-85 (UGC Journal)

4. Ashok Kumar, Manish Mahajan, Dhirendra Singh, Komal Kumar Bhatia, An Effective Domain Specific Record Ranking Method Via Exploring User Behavior, Jour of Adv Research in Dynamical & Control Systems, Vol. 11, No. 2, 2019. (Scopus Indexed)

5. Ajay Kumar, Komal Kumar Bhatia, "Blogranger with Categorised indexing a Multi-Faceted Blog Search Engine", International Journal of Computer Engineering and Applications, Vol. XII, Issue VII, pp. 46-53, ISSN:2321-3469, July 2018.

6. Surabhi Lingwal, Komal Kumar Bhatia, Manjeet Singh, A novel machine learning approach for rice yield estimation, Journal of Experimental & Theoretical Artificial Intelligence, PublisherTaylor & Francis, Publication date2022/4/13Pages1-20 (SCIE indexed).

7. Surabhi Lingwal, Komal Kumar Bhatia, Manjeet Singh, Semantic segmentation of landcover for cropland mapping and area estimation using Machine Learning techniques, Journal of Data Intelligence, Publication date2022Pages1-21. (ESCI indexed)

8. Sonali Gupta, Komal Kumar Bhatia, Design of a Parallel and Scalable Crawler for the Hidden Web,

International Journal of Information Retrieval Research (IJIRR), Volume12Issue 1 Pages 1-23 PublisherIGI Global. (SCOPUS indexed)

9. Surabhi Lingwal, Komal Kumar Bhatia, Manjeet Singh Tomer, Image-based wheat grain classification using convolutional neural network, Publication date2021/11JournalMultimedia Tools and ApplicationsVolume80Issue28Pages35441-35465PublisherSpringer US.(SCIE indexed).

2. Research Publications in National/International Conferences

(a) Research Publications in National/International Conferences (July 2013-June 2014)

1 Manvi, Ashutosh Dixit, Komal Kumar Bhatia, "Design of an Ontology based Adaptive Crawler for Hidden Web" In the proceedings of **IEEE** International Conference on Communication Systems and Network Technologies(CSNT-2013) Apr 6-8, 2013 at MIR Labs Gwalior India pp 659-663. **Print ISBN:** 978-1-4673-5603-9. **(Scopus Indexed)**

2 Manvi, Ashutosh Dixit, Komal Kumar Bhatia, Rajiv Mishra, 'A Novel Architecture of Ontology Mapping System for Hidden Web Retrieval", **IEEE** International Conference (ICROIT-2014), on Feb 6-8, 2014.at Manav Rachna International University Faridabad. **(Scopus Indexed)**

3 Manvi, Ashutosh Dixit, Komal Kumar Bhatia, Bhumika Wadhwa, "Generating domain specific ontology for retrieving hidden web data", **IEEE** International Conference ISCON,2014, GLA University, Mathura,1-2 March 2014. **(Scopus Indexed).**

4 Manvi, Pramesh Dahiya, "Issues and Challenges in Design of an effective Search Engine", Contemporary Issues in Commerce, Economics, Management and IT held on 15-16 November, 2013 at Govt. College, Jind.

5 Sonali Gupta, Komal Kumar Bhatia: Crawl Part **:**Creating Crawl Partitions in Parallel Crawlers in IEEE International Symposium on Computing and Business Intelligence, ISCBI August-2013, held at delhi organized by Cambridge Institute of Technology.

6 Sonali Gupta, Komal Kumar Bhatia:HiCrawl: A Hidden Web crawler for Medical Domain in IEEE International Symposium on Computing and Business Intelligence, ISCBI August-2013, held at delhi organized by Cambridge Institute of Technology.

(b) Research Publications in National/International Conferences (July 2014-June 2015)

1 Vandana Dhingra, Komal Kumar Bhatia "SemIndex: Efficient indexing mechanism for ontologies", Contemporary Computing (IC3), 2014 Seventh International Conference on. IEEE, 2014, Paper indexed in DBLP, Scopus, IEEE Digital Library

2 Vandana Dhingra, Komal Kumar Bhatia "Development of Ontology in Laptop Domain for KnowledgeRepresentation", International Conference on Information and Communication Technologies (ICICT 2014), Published by Elsevier

3 Sonali Gupta, Komal Kumar Bhatia: Hidden Web Resource Discovery through semantic understanding of Search Form interfaces in **IEEE** international Conference on Advanced Computing and Communication technologies, ICACCT-2014 proceedings by IEEE Xplore

(c) Research Publications in National/International Conferences (July 2015-June 2016)

1. Tushar Atreja, Komal Kumar Bhatia, Jyoti. "Ontological Driven Web Search Cerebration System". 2016 3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016; IEEE. Conference ID: 37465.

2. Manvi, Komal Kumar Bhatia and Ashutosh Dixit, "Automatic Generation of Ontology from Hidden Web Pages", 50th Golden jubilee international annual convention of Computer Society of India (CSI-2015) theme Digital Life, organised by BVICAM New Delhi, 2nd to 5th December 2015. Conference proceedings published by Springer.

3. Sushil Kumar, Komal Kumar Bhatia, "Document-to-Sentence Level Technique for Novelty Detection" in 50th Golden Jubilee Annual Convention on digital life organised by CSI from Dec 02-05, 2015 at New Delhi.

4. Manvi, Komal Kumar Bhatia and Ashutosh Dixit, "Ontology based Indexing Technique for Hidden Web", 2nd International conference on Recent Development in Sciences Engineering and Technology organised by GD Goenka University, Guragaon, 30-31, 2015. Proc published with ISBN no. 978-93-84869-85-4. (This paper received best paper award)

5. Vandana Dhingra, Komal Kumar Bhatia, Development of Ontology in Laptop Domain for Knowledge Representation, Science Direct, International Conference on Information and Communication Technologies (ICICT 2014), Available online at www.sciencedirect.com

6. Surbhi Bhatia, Manisha Sharma, Komal Kumar Bhatia, Strategies for mining opinions: A Survey, Computing for Sustainable Global Development (INDIACom), 2015 2nd International Conference, Page(s): 262 – 266, ISBN: 978-9-3805-4415-1 IEEE.

(d) Research Publications in National/International Conferences (July 2016-Dec 2016)

1. Vrinda, Komal Kumar Bhatia, OPINION MINING Using NAÏVE BAYES Classifier, International Conference on Sustainable Development using Engineering & Management held at YMCA University of Science & Technology, Faidabad on 26-27 Dec 2016

2. Sushil kumar, Komal Kumar Bhatia, , "Extractive Text Summarization Using Regression Model", in National conference on Role of Science and Technology towards 'Make in India', march 05-07,2016

(e) Research Publications in National/International Conferences (Jan 2017-June 2017)

1. Shefali Raina, Komal Kumar Bhatia, Feature Extraction for Opinion Mining in Food Domain - NHTSEE 2017 held on 17-18 March 2017 at YMCA University of Science & Technology, Faidabad.

2. Suruchi, Komal Kumar Bhatia, Review of Sentiment Analysis Using Latent Semantic Analysis, - NHTSEE 2017 held on 17-18 March 2017 at YMCA University of Science & Technology, Faidabad.

3. Shefali Raina, Komal Kumar Bhatia, Extracting Features for Mining Opinions in Food Sector - AMC 2017 held on 1-2 May 2017 at YMCA University of Science & Technology, Faidabad.

4. Suruchi, Komal Kumar Bhatia, Reviewing LSA for Opinion Mining and Summarization, Sector - AMC

2017 held on 1-2 May 2017 at YMCA University of Science & Technology, Faidabad.

(f) Research Publications in National/International Conferences (July 2017-March 2019)

1. Kumar S., Bhatia K.K. (2018) Document-to-Sentence Level Technique for Novelty Detection. In: Agrawal S., Devi A., Wason R., Bansal P. (eds) Speech and Language Processing for Human-Machine Communications. Advances in Intelligent Systems and Computing, vol 664. Springer, Singapore.

2. Gupta S., Bhatia K.K. (2018) URL-Based Relevance-Ranking Approach to Facilitate Domain-Specific Crawling and Searching. In: Panda B., Sharma S., Batra U. (eds) Innovations in Computational Intelligence. Studies in Computational Intelligence, vol 713. Springer, Singapore.

3. Manvi, Bhatia K.K., Dixit A. (2018) Automatic Generation of Ontology for Extracting Hidden Web Pages. In: Aggarwal V., Bhatnagar V., Mishra D. (eds) Big Data Analytics. Advances in Intelligent Systems and Computing, vol 654. Springer, Singapore.

4. Bansal R., Jyoti, Bhatia K.K. (2018) Ontology-Based Ranking in Search Engine. In: Aggarwal V., Bhatnagar V., Mishra D. (eds) Big Data Analytics. Advances in Intelligent Systems and Computing, vol 654. Springer, Singapore.

5. Bhatia S., Sharma M., Bhatia K.K. (2018) Sentiment Analysis and Mining of Opinions. In: Dey N., Hassanien A., Bhatt C., Ashour A., Satapathy S. (eds) Internet of Things and Big Data Analytics Toward Next-Generation Intelligence. Studies in Big Data, vol 30. Springer, Cham.

6. Sudhir Kumar Adlakha, Himanshu Sharma, Neelam Duhan, Komal Kumar Bhatia, Route Prediction Techniques using GPS Traces and Spatial Data, 6th International Conference on "Computing for Sustainable Global Development", 13th - 15th March, 2019 (IEEE Explore/Scopus)

7. Pulkit Narwal, Neelam Duhan, Komal Kumar Bhatia, "Image Systems and Visualizations".Multimedia Computing Systems and Virtual Reality, Apr 2022, Pages 45-78, CRC Press, Taylor &Francis Group, ISBN: 978-1-003-19668-6.(SCOPUS indexed)

8. Disha Garg, Komal Kumar Bhatia, Sonali Gupta, A novel Genetic Algorithm based Encryption Technique for Securing Data on Fog Network Using DNA Cryptography, 2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)Publication date2022/2/23Volume2Pages362-368PublisherIEEE.(SCOPUS indexed)

9. Sonali Gupta, Komal Kumar Bhatia, Design of a Parallel and Scalable Crawler for the Hidden Web, International Journal of Information Retrieval Research (IJIRR), Volume12Issue 1 Pages 1-23 PublisherIGI Global. (SCOPUS indexed)

10. Abhishek Goyal, Rakesh Garg, Komal Kumar Bhatia, Models and Challenges Categorization in Cloud Computing, International Conference on Computing Sciences (ICCS), Publication date2021/12/4, Pages34-37PublisherIEEE.(SCOPUS indexed)

11. Abhishek Goyal, Rakesh Garg, Komal Kumar Bhatia, Categorization of Task Scheduling Algorithms used in Cloud Environment, Publication date2021/10/22Conference5th International Conference on Information Systems and Computer Networks (ISCON)Pages1-5PublisherIEEE.(SCOPUS indexed)

12. Piyush Gupta, Neelam Duhan, Komal Kumar Bhatia, "An Assessment on Retail Time BiddingStrategies for Advertising Markets". 5[th]International Conference on Computational Intelligenceand

Communication Technologies (CCICT-2022), 8-9 July 2022.

Research has been done in the area of Information retrieval, recommender systems and semantic search engines. Recent research is going on in the area of computer vision, digital image processing and summarization systems.

10.	CURRENT UNIVERSITY RESPONSIBILITIES

- Nodal Officer, Rashtriya Uchchtar Shiksha Abhiyaan (RUSA)
- Nodal Officer, Pradhan Mantri- Uchchtar Shiksha (PM-USHA)
- Nodal Officer, National Board of Accreditation (NBA)

11.	MEMBERSHIPS / AFFILIATIONS

- Ex-Member of Court of the University.
- Ex-Member of Executive Council of the University.
- Ex-Member of Academic Council of various Universities.
- Ex-Member of Finance Committee of the University.
- Ex-Member of Establishment Committee of the University.
- Ex-Chairman, Board of Faculty, Faculty of Informatics & Computing since July 2018.
- Ex-Chairman, Board of Studies, Department of Computer Engineering since March 2017.
- Member of various selection committee at Govt./Private colleges as well as University level.
- Member, University Building Works Committee.
- Member, Purchase Committee constituted by State Govt. of Haryana for Purchase of equipment for Aided Engineering Colleges in Haryana.
- Chairman of the Committee to conduct the online typing test for appointment of Assistant/Clerks in J.C. Bose University of Science & Technology, YMCA and Bhagat Phool Singh Mahila Vishwavidyalaya - [BPSMV], Sonipat.
- Member of Technical Advisory Committee to decide the technical specifications of various equipments at Deenbandhu Chhotu Ram University of Science and Technology Murthal (Sonepat).
- Member, Board of Governance, Aravalli College of Engineering, Faridabad.
- Member, University Steering Committee for accreditation by National Assessment and Accreditation ouncil (NAAC)
- Member, Board of Governance for Technical Education Quality Improvement Programme (TEQIP-III) in which University was granted Rs. 7.00 Crores in year 2017.
- Advisor, Industrial Relation Cell of the University from year 2021 to till date.
- Member, Board of Studies Kurukshetra University in year 2012-2013.
- Chairman of Committee constituted for conducting online examinations for University and affiliated college students during COVID-19 pandemic from June 2020 to till date.
- Chairman, University Convocation Committee in years 2015 and 2016.
- Nominated as Chairman, University Library Committee from year 2018-2019.
- Member of various selection committees in University as well as outside the University.

12.	**MAJOR CONTRIBUTION**

- Formation and development of Faculty of Informatics & Computing in year 2018 in the University. The faculty was formed with creation of Department of Computer Engineering and Department of Computer Application with a total intake of 1250 students in the faculty. The Department of Computer Engineering is having three B. Techs and two M. Techs. and Department of Computer Application is running BCA and MCA.
- University was granted amount of Rs 20 Crores in year Jan 2019 under Rashtriya Uchchtar Shiksha Abhiyaan (RUSA) by MHRD. Under this grant, a Central Research facility, Studio, Multimedia Lab and various research facilities were developed. Moreover, under this grant, a girl's hostel of cost Rs. 9 crores is in development phase.
- Worked as member of evaluation committee for AICTE Quality Improvement Scheme, All India Council for Technical Education (AICTE), New Delhi from year 2017 to till date.
- Chairman of Committee constituted for conducting online examinations for University and affiliated college students during COVID-19 pandemic from June 2020 to till date.
- Evaluated approximately 30 Ph.D. students and more than 100 M.Tech. dissertations as Ph.D. examiner and M.Tech. examiner respectively. Also guided more than 300 projects of B.Tech. Students.
- Working as Nodal Officer of the University for National Board of Accreditation (NBA) and Successfully, conducted three visits of the NBA Experts and was instrumental in getting 09 University programs accreditation by NBA.
- As a Chairman from year 2017, the Department has got accreditation of its all B.Tech. courses, developed various labs like Machine Learning Lab, High Performance Computing Lab, Internet of Things Lab, cloud computing Lab and many more state-of-art Labs in the department, renovated all faculty rooms, Laboratories in the department. The no of faculty members raised to 45 from 24 in this tenure.
- The placement of Department of Computer Engineering raised from 70 to 90 percent in this tenure.
- Department has conducted more than 30 Faculty Development Programs, Technical Workshops and events in last four years.
- Established a Research Laboratory for Ph.D. research scholars in year 2018 in the department.
- Worked as Nodal Officer of the University for National Institution Ranking Framework in year 2017.
- Member of various selection committees in University as well as outside the University.
- Chief guest and expert speaker in various Social and Research & Development activities like national/international conferences, talks etc.
- Superintendent-in-chief, flying squad member and inspection committee's member at various levels.
- Successfully conducted State Level Online Entrance Test (OLET) conducted by Haryana State Counseling Society (HSTES), Technical Education Department continuously six years from 2009 to 2015.
- Worked as Professor-in-charge (Academic Affairs) (post equivalent to Dean (Academics) from May 2014 to May 2017. Under this tenure, various courses like M.Sc., BSc., BSc. (Animation & Multimedia), BA (Journalism & Mass Communication) were started in the University. During this tenure, the responsibilities for admission to all the courses in the University had been successfully completed.

13.	**VISION**

- To bring in an eco-system of skill orientation, and to make the University one of the finest in the World for skill development & research.
- To ensure that the sizeable portion of fund requirements come from own corpus funds. This will restrict interference and bring independence to the way the University is being managed, for the purpose of promoting skill enhancement.
- To ensure that the skill development is not just academic, but is useful to industry, through a proper, appropriate and effective industry-academy relationship to be fostered on a sustainable basis.
- Focus on employ-ability of the students, with appropriate skill development, including soft skills & Indian culture.
- Focus on new innovations in response to critical problems faced by the society with accommodation for students and staff, learning facilities, affordability of tertial education, STEM, University/Industry Collaboration.

14.	**RESEARCH PROJECTS COMPLETED DURING THE LAST THREE YEARS**

S. No.	Title of Project	Source of Funds	Amount	Duration (from – to --)
1	Upasthiti: The Online Attendance Portal for YMCAUST	J. C. Bose University of Science and Technology, YMCA, Faridabad	193000/-	March 2016-Feb 2018
2	Drishti: An Audio Aid to Visually Impaired Persons for Obstacle Detection and Route Tracking using Image Analytics	AICTE-RPS	4,48,000/-	Feb 2022 to Feb 2025

Date :   07-03-2025   **Signature**