RESUME

Dr. Sushil Panwar

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EDUCATIONAL QUALIFICATION :

- **Ph.D in Computer Engineering from J.C Bose University of Science and Technology, YMCA, Faridabad in July 2021.**
- **M.E** in Computer Science & Engineering from **National Institute of Technical Teachers' Training & Research, Chandigarh** affiliated to **Punjab University, Chandigarh.**
- **B.Tech** in Computer Engineering graduated from N.I.T Kurukshetra (Deemed University) formally known as **Regional Engineering College Kurukshetra in 2002**

EXPERIENCE: 18 years

- Worked as a **Lecturer** in Deptt of CSE, T.I.G Sonepat from 01 Jan 2003 to 11 July 2005
- Worked as a **Lecturer** at Dr. K.N Modi Institute of Engg. & Technology,Modinagar (Ghaziabad) from 13 Aug 2006 to 30 Aug 2006.
- Worked as a **Asst. Prof. cum H.O.D (CSE/IT Deptt)** at D.J College of Engg & Technology, Modinagar (Ghaziabad) from 1st Sept 2006 to 27th Feb 2011
- Currently Working as Assistant Professor in the Department of Computer Engg. at J.C Bose University of Science and Technology, YMCA, Faridabad, Since 28th Feb 2011 to till date..

SUBJECTS TAUGHT :

Microprocessor, Software Engineering ,System Software, Computer Organization, Programming in C/C++, Discrete Structures, Compiler Construction, Theory of Information Technology, Network programming and administration, Real time systems.

M.Tech THESIS WORK:

Topic	:	Transport level Security in Grid Environment
Duration	:	July 2006 to July 2007

Ph.D THESIS WORK :

Topic	**: Design of Novelty Detection Techniques for Optimized Search Engine Results**
Duration	**: March 2013 to July 2021**

TECHNICAL SKILLS:

Operating System	:	MS DOS, WINDOW 7 HOME ,LINUX,UNIX
Languages	:	C,C++,VISUL BASIC 6.0, 8085 and 8086 microprocessor assembly language programming
RDBMS	:	Oracle 8i

M.TECH THESES GUIDED:

S. No.	Title	Name	Roll No	Degree Awarded
1.	Security Aspects in Grid Environment	Ankit Dahiya	MNW-134-2K10	Yes
2.	Novelty Detection at document level	Renu Garg	MNW-894-2K11	Yes
3.	A Novel Approach to Novelty Detection for Different documents	Naveen Saini	MIT-11-2K12	Yes
4.	Novelty Detection using Text Summarization	DeepaYadav	ID-ABMTC13243	Yes
5.	Text Summarization Using Frequency Based Method	Ayyu Aggarwal	MIT-204-2K13	Yes
6.	Automatic Summarization using regression Model	Anil Kumar	MCE-223-2K13	Yes
7.	A Novel Approach for Novelty Detection using Extractive Text Summarization	Mukesh Kumar	MWN-449-2K14	Yes
8.	A Novel Approach for Novelty Detection Via Topic Modelling	Shrishti Vashist	MNW-653-2K15	Yes
9.	Hashing and Clustering Based Novelty Detection	Pooja Goyal	MCE-029-2k17	Yes
10.	Automatic Text summarization Based Novelty Detection	Ishuka	MIT-007-2K17	Yes
11.	Enhanced LSB Based Image Steganography	Usha	MIT-016-2K17	Yes
12.	Detection of Fraudulent Claims in Automobile Insurance Using Machine Learning	Ku Monika	18001502008	Yes
13.	Novelty detection in Text Documents Using Convolutional Neural Network (CNN)	Jyoti Singh	19001502008	Yes
14.	Novelty detection in Text Documents Using Support Vector Machine (SVM)	Anju	19001502002	Yes

Publication in International Journal

1. Sushil Kumar, Komal Kumar Bhatia ,"Clustering Based Approach for Novelty Detection in Text Documents", in Asian Journal of Computer Science and Technology(AJCST), Vol.8 No.2, ISSN(online): 2249-0701,June 2019, pp. 121-126. **UGC Approved.**

2. Sushil Kumar, Komal Kumar Bhatia, Ishuka, "A Novel Approach for Novelty Detection using Extractive Text Summarization", in Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 6 , ISSN(online): 2349-5162, June 2019, pp. 141-154

3. Sushil Kumar, Komal Kumar Bhatia, Pooja, "Hashing and Clustering based Novelty Detection", in SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE), Volume 6 Issue 6 , ISSN(online): 2348 – 8387, June 2019, pp.1-9

4. Sushil Kumar, Komal Kumar Bhatia," Semantic Similarity and Text Summarization based Novelty Detection", in SN Applied Sciences, Volume 2, Number 2, Feb 2020 indexes in **Emerging Sources of Citation Index (ESCI), published by Springer.**

Publication in International Conference

1. Sushil Kumar, Komal Kumar Bhatia, "Document to Sentence level Novelty Detection", 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**.

Publication in National Conference

1. Sushil Kumar, Komal Kumar Bhatia, Ashutosh Dixit, "Search Engine Tools: A Review", in National Seminar of Advancement in Technology, July 2012 at IET Baddal, Punjab.

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 at YMCAUST, Faridabad

3. Sushil Kumar, Komal Kumar Bhatia, " A Novel Approach for Novelty Detection

    via Topic Modelling", in National Conference on Advanced in Mathematics & Computing, 1st to 2nd May 2017 at YMCAUST, Faridabad.

FDP ATTENDED:

1. Faculty Development program on 'Emerging Trends in Engineering, Technology and Management (ETIETM'13) 1st – 14th July'13 at YMCA University of Science and Technology, Faridabad sponsored by ISTE.

2. Faculty Development program on 'Soft Skills & Personality Development' conducted by department of Management studies from 15th July to 21st July' 2014, at YMCA University of Science & Technology, Faridabad Sponsored by ISTE.

3. Faculty Development program on 'Application of artificial intelligence tools in Power System' conducted from 19th- 25th June 2012 at YMCA University of Sc. & Tech. Faridabad.

4. Staff Development Program entitled " Applications of Advanced Computing Technologies: The Emerging Research Trends" Conducted from 2nd Jan 2012 to 14th Jan 2012 at Ambedkar Institute of Advanced Communication Technologies & Research, Delhi sponsored by AICET, Ministry of Human Resource Development, Govt of India.

5. Workshop on Nanotechnology & Embedded System , sponsored by ISTE during 23rd July to 3rd August 2012 at YMCA University of Science and Technology, Faridabad.

6. Short term course on 'Free open source application Software' conducted from 18 March to 21 March, 2014 at NITTTR, Chandigarh sponsored by AICET, Ministry of Human Resource Development, Govt of India.

7. Faculty Development program on 'Effective Teaching and Research' conducted by Mechanical Engineering Department from 7th- 11th June 2014 at YMCA University of Sc. & Tech. Faridabad.

8. Faculty Development program on 'Neural Networks using MATLAB' conducted by Computer Engineering Department from 1st - 5th June 2015 at YMCA University of Sc. & Tech. Faridabad.

9. "Train The Trainer"(TTT) Program in 'Software Testing and Quality Assurance using Borland Suite of Products' from 13th Jan to 17th Jan 2014 conducted by Alpha Bricks Technologies Pvt. Ltd., Pune in association with Borland(A Micro Focus Company)

10. Short term course on Free Open Source Application Software conducted by NITTR. Chandigarh from 18 March 2014 to 21 March 2014.

11. Faculty Development program on " Big Data Analytics and Data/Text Mining using SPSS" conducted by Department of Computer Engineering of YMCA University of Sc. & Tech. Faridabad from 19 Dec ,2016 to 24 Dec ,2016.

12. Short term course on Environment, Development and Sustainability conducted by Centre for Clean Technologies and Sustainable Development from 04 July 2016 to 08 July 2016.

13. Short term course on Artificial Neural Network through ICT NITTR Chandigarh conducted by Electronics and Communication Engineering Department from 25 April to 29 April 2016 at YMCAUST, Faridabad.

14. One day seminar on 'An Integrated Approach to Research Quality and Ethics' held on 20th January 2017 organised by Department of Humanities and Sciences at YMCAUST, Faridabad.

15. One day seminar on National Technology Day 2017 held on 9th May 2017 organised by Department of Computer Engineering at YMCAUST, Faridabad.

16. Faculty Development program on "Intelligent Management of Renewable Energy Technologies conducted by Department of Electrical Engineering of YMCA University of Sc. & Tech. Faridabad from 18 Jan , 2016 to 23 Jan , 2016 sponsored by TEQIP-III.

17. The Refresher Course on "Emerging Trends in Computer Science" conducted by Department of Computer Engineering at YMCAUST, Faridabad from 8th Jan to 13th Jan, 2018 sponsored by TEQIP III.

18. Short term course on Intellectual Property Rights and Patenting conducted by Entrepreneurship Development and Industrial Coordination Department from 23 April 2018 to 27 April, 2018 at YMCAUST, Faridabad.

19. Short term course on Curriculum Implementation conducted by Department of Curriculum Implementation Centre from 8th Oct to 12th Oct, 2018 at YMCAUST, Faridabad.

20. Faculty Development program on "Data Science & Big Data Analytics" held at YMCA University of Science and Technology from Aug 28 to Sep 1, 2018.

CONTRIBUTIONS:

1. Contributed as Session Chair in International Conference on 'Paradigm Shift in Management and Technology' organised by Department of Management Studied at YMCA University of Science and Technology, Faridabad

2. Contributed as a member of Organizing Committee in International Conference on 'Paradigm Shift in Management and Technology' organised by Department of Management Studied at YMCA University of Science and Technology, Faridabad

3. Contributed as a member of Organizing Committee in the Faculty Development Program on 'Neural Networks using MATLAB' conducted by Computer Engineering Department from 1st - 5th June 2015 at YMCA University of Sc. & Tech. Faridabad.

4. Contributed as Coordinator in ISTE sponsored Faculty Development program on 'Emerging Trends in Engineering, Technology and Management (ETIETM'13) 1st – 14th July'13 at YMCA University of Science and Technology, Faridabad.

5. Contributed as a member of Organizing Committee in Digital Awareness Programme conducted by Digital India Cell of YMCA University of Science and Technology, Faridabad in association with Atal Seva Kendra (under National e-Governance) on 16th Feb, 2017.

6. Contributed as member of selection committee for the recruitment of Assistant Professor(on contract) at Haryana Viswakarma Skill University Gurugram, Haryana.

OTHERS ACTIVITIES:

1. Worked as Departmental Training & Placement Coordinator for three years.
2. Assigned the duties of Training & Placement Officer during TCS accreditation at YMCA University of Science and Technology, Faridabad.
3. Assigned the duties of Training & Placement Officer during summer vocations at YMCA University of Science and Technology, Faridabad
4. Working as Assistant Proctor to maintain discipline in the University.
5. Working as Youth Red Cross Coordinator in the University.
6. Working as member of Digital India Cell in the University.
7. Working as member of Equity Action Plan under TEQIP III at YMCAUST.
8. Worked as a departmental CBS coordinator to conduct external practical, papers setting, papers printing and result compilation for end semester examinations.
9. Working as a departmental website coordinator to update information on the website.
10. Teaching course work of B.Tech, MCA and M.Tech classes.
11. Supervision of semester examination papers.
12. Assigned duties as class counselor and time table coordinator.
13. Assigned duties as project coordinator.
14. Assigned duties as seminar coordinator.
15. Participation in organizing technical and cultural programs in the University.

PERSONAL DETAILS :

S/O	:	Sh. Bal Krishan Panwar
DOB `	:	27 August, 1978
Sex	:	Male
Martial Status	:	Married
Nationality	:	Indian
Languages Known `	:	English, Hindi
Permanent Address	:	House no. 180, Second floor,Sector 11-D,Faridabad