DIVYA KWATRA

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WORK EXPERIENCE

College/University	Post	Nature of Job	Duration	Total Experience
Hans Raj College, University of Delhi	Assistant Professor	Ad-Hoc	Jul'10 – May'15 Jul'16 onwards	9 Years 6 months
Department of Computer Science, University of Delhi	Assistant Professor	Guest	Aug'12 - Nov'12	4 Months
Northern India Engineering College, GGS IP University	Lecturer	Temporary	Aug'09 - Jul'10	1 year

ACADEMIC BACKGROUND

Qualification	College/ University	Year
Ph.D in Computer Sci.	University of Delhi	Pursuing
MCA	Northern India Engineering College, GGSIP University	2009
B.Sc.(H) Comp Sc.	Hans Raj College, Delhi University	2006
XII	Ramjas School, CBSE	2003
X	Ramjas School, CBSE	2001
NET Qualified Computer Applications	UGC	June 2009
GATE Qualified Computer Applications	Conducted by IIT, Guwahati	2010

PAPERS TAUGHT

- Operating Systems
- Introduction to Data Science (using R and Python)
- Theory of Computation
- Data Structures
- Discrete Structures
- System Programming
- Computer System Architecture

E-LESSONS PREPARED

• Prepared the following e-lessons for Institute of Life Long Learning (ILLL), University of Delhi

- i) Paper: Computer System Architecture, Chapter: Stack Organization, CPU unit III
- ii) Paper: Operating systems, Chapter: File System Interface

COURSES COMPLETED

• GIAN course on Complex Networks at IIT, Delhi in Dec 2017

FDP ATTENDED

- One week online Faculty Development Program on **"Exploratory Data Analysis using Statistical Software R and SPSS"** during 07th – 13th January, 2021, organized by Mata Sundri College for Women, University of Delhi

SEMINARS/CONFERENCES ATTENDED

- Attended online "4th ACM India Joint International Conference on Data Science and Management of Data (CODS-COMAD) 2021", 2nd- 4th Jan 2021
- Attended online session "Indian symposium on Machine Learning (IndoML)", 17th – 18th Dec 2020, organized by IIT Gandhinagar
- Attended International Webinar on "Network Based Approaches to Explore the Biological Data" on 24 July 2020, organized by Department of Computer Science, Maitreyi College, University of Delhi
- Attended Summer School on "AI Assisted Data Analytics", 11th – 14th July 2019, IIT Delhi
- Attended one day workshop on "AI for Computational Social Systems (ACSS)" at IIIT Delhi in Feb 2019
- Attended one day workshop on "R" at Department of Computer Science in Feb 2018
- Attended International Workshop on "Big Data Analytics" at JNU in March 2017
- Attended one day workshop on "Evolution of Graphs" at Department of Computer Science in April 2015
- Attended International Workshop on "Big Data Analytics" at IIT, Delhi in Dec 2014

ADMINISTRATIVE ACTIVITIES

- Member of Student Welfare Committee in Hansraj College (2020-2021)
- Worked in the capacity of **Deputy Superintendent** for the SOL examinations Apr-June 2019 at Hansraj College
- Worked in the capacity of **Deputy Superintendent** for the examinations Nov-Dec 2018 at Hansraj College
- Active member of admission committee in Hans Raj College since 2010
- Assisted Science convener for the admissions 2013-14 in Hans Raj College
- Maintained the Alumni database of Northern India Engineering College

ACADEMIC ACHIEVEMENTS

- MCA topper for NIEC (Northern India Engineering College)
- Amongst top 10 university holders in NIEC, GGSIP University

PROJECTS

- Supervised an Innovation Project (Major) on Study and Security Analysis of Smart Cards

EXTRA CURRICULAR ACTIVITIES

- Member of Organizing committee of One week(online) FDP on Applications of Algebra and Number Theory in Network Security 22nd – 29th Dec 2020, organized by Hansraj College, University of Delhi
- Organized the **Technical Fest, FNORD-2010**, at NIEC.
- Won 1st Prize in Ad-Mad Competition at Hans Raj College
- Worked for the computer society, **CYNAPSE**, at Hans Raj College
- Organized the General Quiz at the IT festival, ITREK-2005 at Hans Raj College

PERSONAL DETAILS

Nationality	:	Indian
Marital Status	:	Married
Father's Name	:	Mr. Mukesh Kumar Kwatra