JSS Mahavidyapeetha
JSS Academy of Technical Education
Department of Information Technology

FACULTY PROFILE

1. Personal Details

NAME	**Dr. Parul Chaudhary**
DEPARTMENT	Computer Science & Engineering (Data Science)
DESIGNATION	Assistant Professor
PHONE	+91-9650723763
EMAIL ID	parul12pisces@gmail.com, parul.chaudhary@jssaten.ac.in
Date of Joining (JSSATEN)	16/11/2022

2. Experience

Total Experience in Years : 7	Teaching: 2	Industry: NIL	Research: 5

Name of the Guide (Ph.D): Dr. Anirban Mondal (Associate Professor CSE), Ashoka University, Sonepat, Haryana-131029

Title of Thesis: Revenue-based Schemes for Itemset Placement in Retail Businesses

Research Experience: 5 years,

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech	Computer Science and Engineering	2014	School of **Information and Communication Technology**	**Gautam Buddha University,** Greater NOIDA, Uttar Pradesh, India.
M.Tech	Software Engineering	2015	School of **Information and Communication Technology**	**Gautam Buddha University,** Greater NOIDA, Uttar Pradesh, India.

Ph.D.	Data Mining and Machine Learning	2021	School of **Engineering**	**Shiv Nadar University,** Greater NOIDA, Uttar Pradesh, India.
Post Doc.	NA			

4. Research & Publications

Paper Published in **SCIE**	International: **04**	National: 0
Papers Published in **Web of Science** indexed Journals	International: **0**	National: 0
Papers Published in **SCOPUS** indexed Journals/**UGC-CARE list,** Indian Citation Index	International:01(**Scopus**)	National: 0
Papers Published in other Journals	0	0
Papers Presented in Conferences / Symposium	International : 5	
Books / Book chapters Published		

5. Research Guidance

6. Grants

i. Funds Received (Research Projects, International Travel Grant, FDP and Session Chair)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

ii.   Patents

Sl. No.	Title Details	Details of award of patent / Filed

7. Awards Received

8. Research and Publications
i. International Journals

Sl. No	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	An improved scheme for determining top-revenue itemsets for placement in retail businesses	Parul Chaudhary, Anirban Mondal, Krishna	International Journal of Data Science and Analytics	Volume 10, Issue 1	Scopus	2.4	Springer

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue	WOS/Scopus/Both	Impact Factor	Publisher
		Reddy Polepalli					
2	A Retail Itemset Placement Framework Based on Premiumness of Slots and Utility Mining.	Anirban Mondal, Samant Saurabh, Parul Chaudhary, Raghav Mittal, Krishna Reddy Polepalli	IEEE Access	Volume 9, Issue 1		3.9	IEEE
3	A framework for itemset placement with diversification for retail businesses.	Anirban Mondal, Raghav Mittal, Parul Chaudhary, Krishna Reddy Polepalli	Applied Intelligence	-	SCI	5.3	Springer
4	An inventory-aware and revenue-based itemset placement framework for retail stores	Anirban Mondal, Raghav Mittal, Samant Saurabh, Parul Chaudhary, Krishna Reddy Polepalli	Expert Sytems with Application	-	SCI	8.5	Science Direct

ii.   Book Chapters

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Book	Volume No. Issue No. Year/ ISBN	WOS / Scopus / Both	Publisher

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	A Flexible and Efficient Indexing Scheme for Placement of Top-Utility Itemsets for Different Slot Sizes	Parul Chaudhary, Anirban Mondal, Krishna Reddy Polepalli	Big Data Analytics (BDA)	-	-	-	Springer
2	A Diversification-Aware Itemset Placement Framework for Long-Term Sustainability of Retail Businesses.	Parul Chaudhary, Anirban Mondal, Krishna Reddy Polepalli	DEXA	-	-	-	Springer
3	An Efficient Premiumness and Utility-Based Itemset Placement Scheme for Retail Stores	Parul Chaudhary, Anirban Mondal, Krishna Reddy Polepalli	DEXA	-	-	-	Springer
4	PEAR: A Product Expiry-Aware and Revenue-Conscious Itemset Placement Scheme.	Anirban Mondal, Raghav Mittal, Vrinda Khandelwal, Parul Chaudhary, P. Krishna Reddy:	DSAA	-	-	-	Springer
5	An Urgency-Aware and Revenue-Based Itemset Placement Framework for Retail Stores	Raghav Mittal, Anirban Mondal, Parul Chaudhary, P. Krishna Reddy	DEXA	-	-	-	Springer

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date

ii.   Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks

10. Membership of Professional Bodies:

11. Special Achievements/Invited Speakers/Jury Member/Faculty Sponsor

Dr. Parul Chaudhary

Assistant Professor,

Department of CSE(DS)

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