

## Shweta Pandey

Assistant Professor  
Department of Biotechnology  
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### Areas of Interest

- Molecular and Cell Biology, Cell Cycle Regulation and Proteomics.

### Education

- PhD, 2017, Jawaharlal Nehru University, Delhi.
- MSc, 2008, Osmania University, Hyd.

### Teaching Experience

- 6 years: Under Graduates, 4 years – Post Graduates. (Molecular Biology, Recombinant DNA technology, Cell Biology, Genetics).

### Professional Experience

- October, 2018-till date: Assistant Professor, Department of Biotechnology, Govt VYT PG Autonomous College, Durg (C.G.).
- 2015- Sep 2018: Assistant Professor, Department of Biotechnology, APSGMNS Govt PG College, Kawardha (C.G.).

### Fellowships

- UGC-CSIR-NET 2008 Dec.
- CSIR JRF 2009 June.
- ICMR JRF 2009.

### Publications

Sl. no.	Title of paper	List of authors	Name of journal	ISSN no.	Year of publication
1	SG2NA enhances cancer cell survival by stabilizing DJ-1 and thus activating AKT	Goutam Kumar Tanti, <b>Shweta Pandey</b> , Shyamal K. Goswami.	Biochemical And Biophysical Research Communications	0006-291X	MAY-2015
2	SG2NA is a regulator	Buddhi Prakash	Cell Stress And	1466-	JUN-2017

	of endoplasmic reticulum (ER) homeostasis as its depletion leads to ER stress	Jain, <b>Shweta Pandey</b> , Nikhat Saleem, Goutam K Tanti, Shalini Mishra & Shyamal K. Goswami	Chaperones	1268	
3	GSK3 $\beta$ and ERK regulate the expression of 78 kDa SG2NA and ectopic modulation of its level affects phases of cell cycle	<b>Shweta Pandey</b> , Indrani Talukdar, Buddhi P. Jain & Shyamal K. Goswami	Scientific Reports	2045-2322	AUG-2017
4	WD40 repeat proteins: signalling scaffold with diverse functions	Buddhi Prakash Jain & <b>Shweta Pandey</b>	The Protein Journal	1573-4943	AUG-2018
5	Subcellular dynamics of variants of SG2NA in NIH3T3 fibroblasts	Pooja Chauhan, Richa Gupta, Buddhi P. Jain, <b>Shweta Pandey</b> and Shyamal K. Goswami	Cell Biology International	1065-6995	Feb-2020

#### Book Published:

Sl. no.	Title of the Book	List of Authors	Publishers	ISBN	Year of Publication
1	Protocols in biochemistry and clinical biochemistry (Authored Book)	Buddhi Prakash Jain, Shyamal Goswami and <b>Shweta Pandey</b>	Academic press (Elsevier)	978-0-12-822007-8	Nov 2020
2	Understanding Cancer (Edited Book)	Buddhi Prakash Jain and <b>Shweta Pandey</b>	Academic press (Elsevier)	978-0-323-99883-3	2022

#### Chapter Published:

Sl. no.	Title of the Chapter	List of Authors	Publishers	ISBN	Year of Publication
1	Implication of alteration in RNA polyadenylation machinery in diseases	<b>Shweta Pandey</b> & Buddhi Prakash Jain	Nova Science publishers, Inc. New York	978-1-53615-356-9	Apr-2019
2	Cyanobacteria-mediated heavy metal and	<b>Shweta Pandey</b> , Sumit	Academic press	978-0-323-	2022

	xenobiotics bioremediation	Kumar Dubey, Arun Kumar Kashyap and Buddhi Prakash Jain	(Elsevier)	90634-0	
3	Alteration in major cell signaling pathways in cancer	<b>Shweta Pandey</b> , Nisha and Buddhi Prakash Jain	Academic press (Elsevier)	978-0- 323- 99883-3	2022