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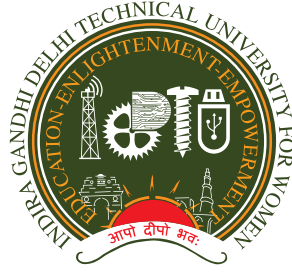*in recognition for the research during 2019 and 2020*

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Prof. Ranu Gadi
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Research Publication(s) awarded

1. Shivani, **Ranu Gadi**, Sudhir Kumar Sharma & Tuhin Kumar Mandal "Seasonal variation, source apportionment and source attributed health risk of fine carbonaceous aerosols over National Capital Region, India" Chemosphere, 237, 124500, 2019.

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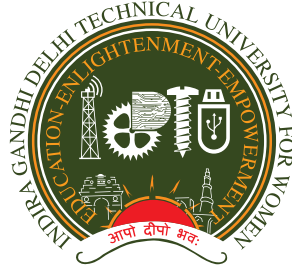*in recognition for the research during 2019 and 2020*

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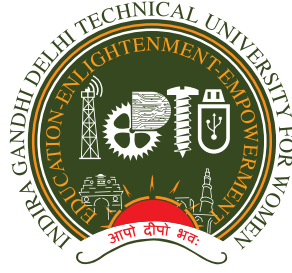
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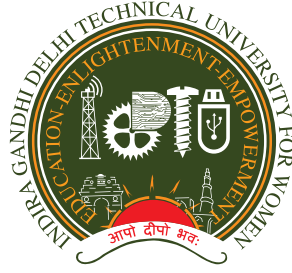*in recognition for the research during 2019 and 2020*

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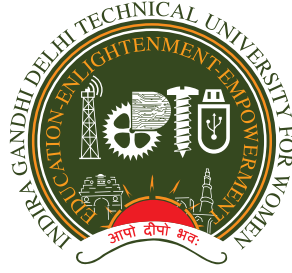*in recognition for the research during 2019 and 2020*

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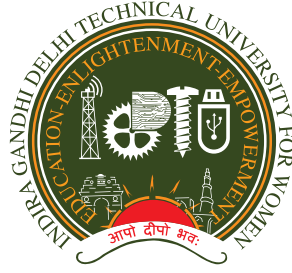## Department of Information Technology

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1. Anushree Agarwal, **R.K. Singh** "Predicting co-change probability in software applications using historical metadata" IET Software, 14 (7), 739 – 747, 2020.

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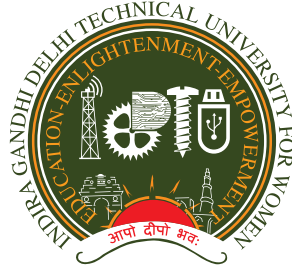**December 24, 2021**

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1. Neha Gupta, **Arun Sharma** & Manoj Kumar Pachariya "Testing and debugging: an empirical evaluation of integrated approaches", Sadhana-Springer, 45, 148, 2020.

2. Pooja, **Arun Sharma**, "An empiricial assessment of autonomicity for autonomic query optimizers using fuzzy-AHP technique", Applied Soft Computing Journal, 90, 106137, 2020.

3. Pooja, **Arun Sharma** & Manoj Kumar Pachariya"A review on architecture and models for autonomic software systems", The Journal of Supercomputing, 77, 388–417, 2021.

4. Neha Gupta, **Arun Sharma** & Manoj Kumar Pachariya "Multi-objective test suite optimization for detection and localization of software faults", Journal of King Saud University - Computer and Information Sciences, 2020.

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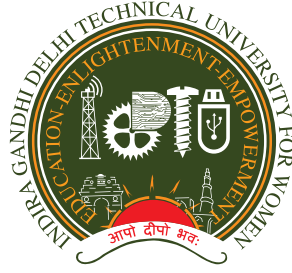### December 24, 2021

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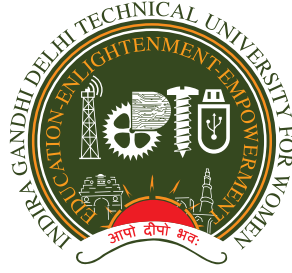
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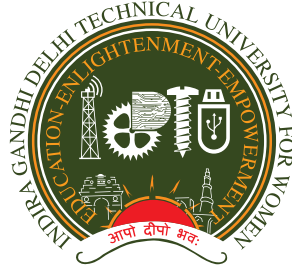
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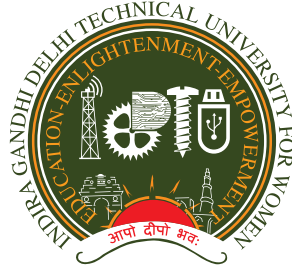### December 24, 2021

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1. **Niyati Baliyan**, Saumya Bansal, "Bi-MARS: A Bi-clustering based Memtic Algorithm for Recommender Systems", Applied Soft Computing Journal, 97, Part A, 106785, 2020.

2. **Niyati Baliyan**, Aarti Sharma, "Related Blogs Summarization with Natural Language Processing", The Computer Journal, 64 (3), 347–357, 2021.

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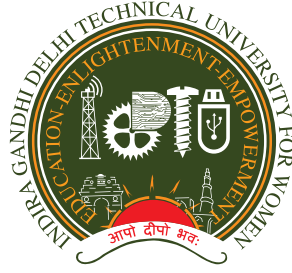## December 24, 2021

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1. Rupal Shukla, **Ashwini Kumar** & Vandana Niranjan "An efficient elite group-based routing protocol for wireless sensor network, International Journal of Electronics, 1031-1043, 2020.

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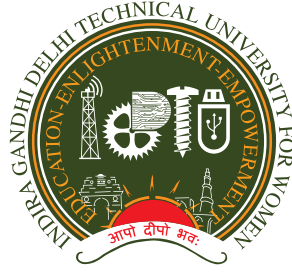
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Research Publication(s) awarded

1. Megha Agarwal, **Jasdeep Kaur Dhanoa** & Mukesh Kumar Khandelwal "Ultrawide band two-port MIMO diversity antenna with triple notch bands, stable gain and suppressed mutual coupling", International Journal of Electronics and Communications (AEU), 120, 153225, 2020.

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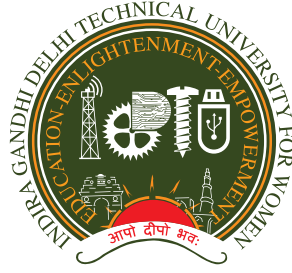*in recognition for the research during 2019 and 2020*

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Research Publication(s) awarded

1. Monika Mathur, Diksha Vasudev, Sonalika Sahoo, Divanshi Jain & **Nidhi Goel**, "Crosspooled Fish Net: transfer learning based fish species classification model", Multimedia Tools and Applications, 79, 31625–31643, 2020.

2. **Nidhi Goel**, Samjeet Kaur & Ruchika Bala, "Dual branch convolutional neural network for copy move forgery detection", IET image Processing, 15, 656-665, 2020.

3. Monika Mathur, **Nidhi Goel**, "Colour and Contrast Enhancement Algorithm for High Visibility of Underwater images", IET image Processing, 1-16, 2020.

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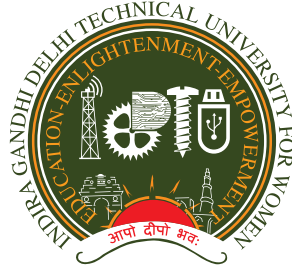
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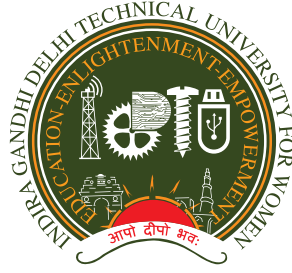**Prof. Ranu Gadi**
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Dr. (Mrs.) Amita Dev
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Research Publication(s) awarded

1. **Akash Tayal**, UtkuKose, Arun Solanki, Anand Nayyar & Jose Antonio Marmolejo Saucedo "Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic, data envelopment analysis and machine learning", Computational Intelligence, 36, 172-202, 2020.

2. **Akash Tayal**, Arun Solanki & Simar Preet Singh, "Integrated frame work for identifying sustainable manufacturing layouts based on big data, machine learning, meta-heuristic and data envelopment analysis", Sustainable Cities and Society, 62, 102383, 2020.

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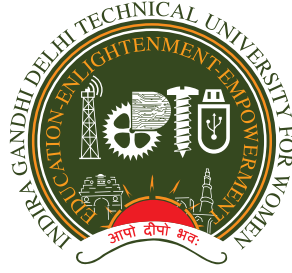
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1. **Viveak Chawla**, A.K. Chanda, Surjit Angra & Sushma Rani, "Effect of nature-inspired algorithms and hybrid dispatching rules on the performance of automatic guided vehicles in the flexible manufacturing system" J. of Brazilian Society of Mech Sciences and Engineering, 41, 391.

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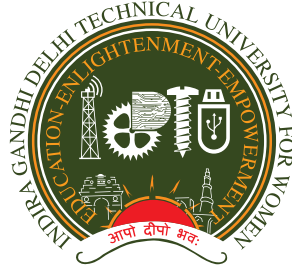## December 24, 2021

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1. Pragya Srivastava, **Richa Yadav** & Richa Srivastava, "Ultra high speed and novel design of power-aware CNFET based MCML 3-bit parity checker", Analog Integrated Circuits and Signal Processing, 104, 321–329, 2020.

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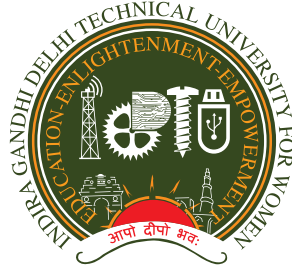## December 24, 2021

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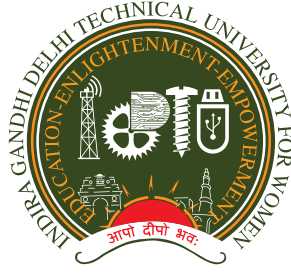### December 24, 2021

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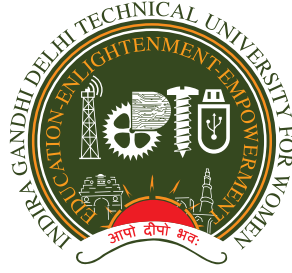*in recognition for the research during 2019 and 2020*

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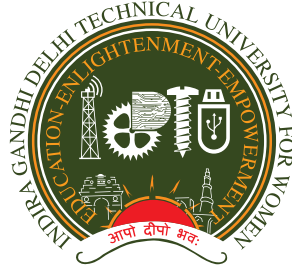**Prof. Ranu Gadi**
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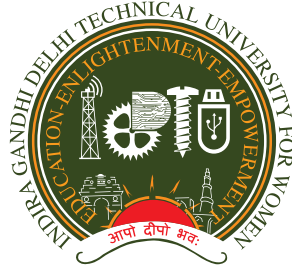
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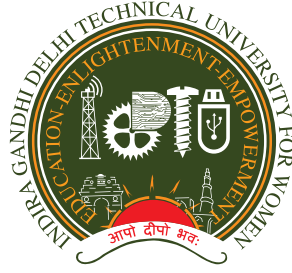*in recognition for the research during 2019 and 2020*

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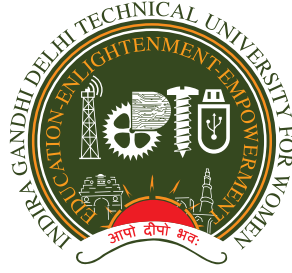
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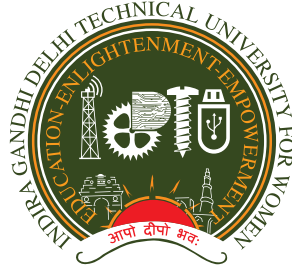
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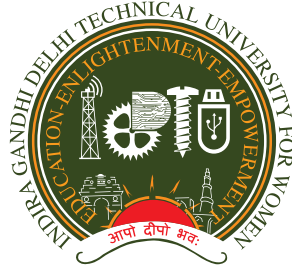## December 24, 2021

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Research Publication(s) awarded

1. **Anushree Agarwal**, R.K. Singh, "Predicting co-change probability in software applications using historical metadata" IET Software, 14 (7), 739 – 747, 2020

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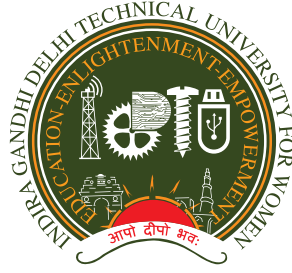*in recognition for the research during 2019 and 2020*

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Research Publication(s) awarded

1. **Neha Gupta**, Arun Sharma & Manoj Kumar Pachariya, "Testing and debugging: an empirical evaluation of integrated approaches", Sadhana-Springer, 45,148, 2020.

2. **Neha Gupta**, Arun Sharma& Manoj Kumar Pachariya, "Multi-objective test suite optimization for detection and localization of software faults", Journal of King Saud University - Computer and Information Sciences, 2020.

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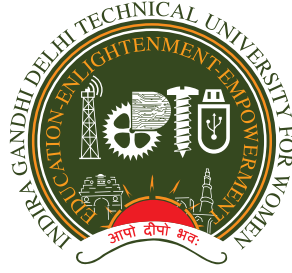## December 24, 2021

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Research Publication(s) awarded

1. **Pooja Dehraj**, Arun Sharma, "An empiricial assessment of autonomicity for autonomic query optimizers using fuzzy-AHP technique", Applied Soft Computing Journal, 90, 106137, 2020.

2. **Pooja Dehraj**, Arun Sharma & Manoj Kumar Pachariya, "A review on architecture and models for autonomic software systems", The Journal of Supercomputing, 77, 388–417, 2021.

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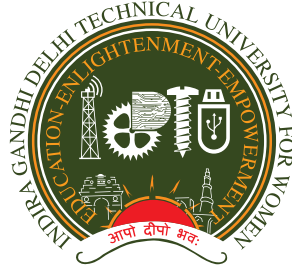## December 24, 2021

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Research Publication(s) awarded

1. Niyati Baliyan, **Saumya Bansal**, "Bi-MARS: A Bi-clustering based Memtic Algorithm for Recommender Systems", Applied Soft Computing Journal, 97, Part A, 106785, 2020.

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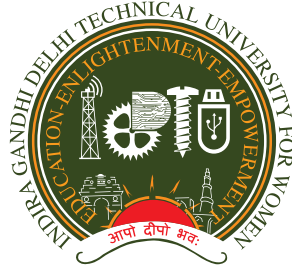### December 24, 2021

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Research Publication(s) awarded

1. Niyati Baliyan, **Aarti Sharma,** "Related Blogs Summarization with Natural Language Processing", The Computer Journal, 64 (3), 347–357, 2021.

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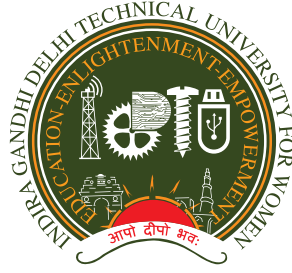
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1. **Rupal Shukla**, Ashwini Kumar & Vandana Niranjan, "An efficient elite group-based routing protocol for wireless sensor network, International Journal of Electronics, 1031-1043, 2020.

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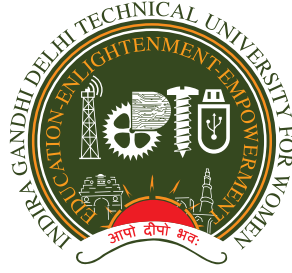## December 24, 2021

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Research Publication(s) awarded

1. **Megha Agarwal**, Jasdeep Kaur Dhanoa & Mukesh Kumar Khandelwal, "Ultrawide band two-port MIMO diversity antenna with triple notch bands, stable gain and suppressed mutual coupling", International Journal of Electronics and Communications (AEU), 120, 153225, 2020.

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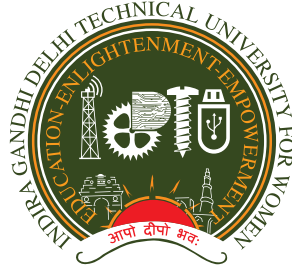*in recognition for the research during 2019 and 2020*

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1. **Monika Mathur**, Diksha Vasudev, Sonalika Sahoo, Divanshi Jain & Nidhi Goel, "Crosspooled Fish Net: transfer learning based fish species classification model", Multimedia Tools and Applications, 79, 31625–31643, 2020.

2. **Monika Mathur**, Nidhi Goel, "Colour and Contrast Enhancement Algorithm for High Visibility of Underwater images", IET image Processing, 1-16, 2020.

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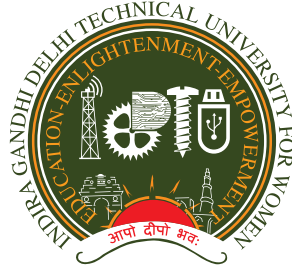
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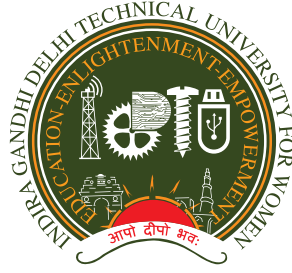## December 24, 2021

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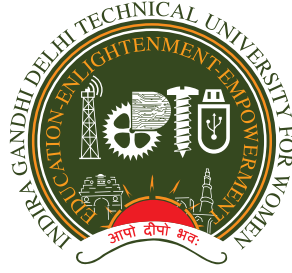*in recognition for the research during 2019 and 2020*

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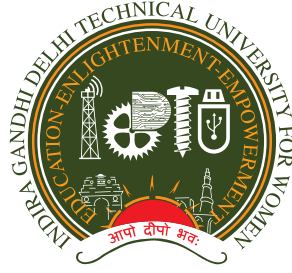
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Research Publication(s) awarded

1. Nidhi Goel, Samjeet Kaur & **Ruchika Bala**, "Dual branch convolutional neural network for copy move forgery detection", IET image Processing, 15, 656-665, 2020.

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Research Publication(s) awarded

1. **Pragya Srivastava**, Richa Yadav & Richa Srivastava "Ultra high speed and novel design of power-aware CNFET based MCML 3-bit parity checker", Analog Integrated Circuits and Signal Processing, 104, 321–329, 2020.