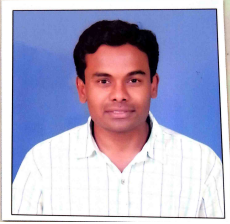


STAFF PROFILE



Dr. Ganesh Ashruji Mundhe

Assistant Professor

Applied Science & General Engineering

gmundhe@aitpune.edu.in

Date of Joining
04/07/2011

Nature of Appointment
Regular

Educational Details

Qualification	Degree	University	Grade	Year
Doctoral	Ph. D.	SPPU, Pune	Gold Medal	2019
PG	M. Sc.	SPPU, Pune	A	2009
Graduation	B. Sc.	S.R.T.M.U. Nanded	80	2007

Areas of Interest

Discrete Mathematics, Graph Theory

Experience Details

Total : 10.00 years	Teaching : 10.00 years	Research : 0.00 years	Industry : 0.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Educational	10.00 Years	Assistant Professor Army Institute of Technology, Pune	Assistant Professor

Journal Publications

1. Ganesh Mundhe, (2020). [Use of Discrete Sumudu Transform in cryptography](https://www.ijariit.com/manuscript/use-of-discrete-sumudu-transform-in-cryptography/). *IJAR/IIT*. 6(3), 3. ISBN/ISSN No : 2454-132X. URL : <https://www.ijariit.com/manuscript/use-of-discrete-sumudu-transform-in-cryptography/>.
2. Ganesh Mundhe, (2020). On connectivity of graphs under the splitting operation. *AMSJ*. (.), 5. ISBN/ISSN No : 1857 8365.
3. Ganesh Mundhe, (2019). [On graphic elementary lifts of graphic matroids](https://arxiv.org/pdf/1910.05689.pdf). *arXiv preprint* . (.), 12. ISBN/ISSN No : .. URL : <https://arxiv.org/pdf/1910.05689.pdf>.
4. Ganesh Mundhe, (2018). [Graphic and cographic Gamma-extensions of binary matroids](http://www.discuss.wmie.uz.zgora.pl/gt/index.php). *Discussiones Mathematicae Graph Theory*. 38 (4), 889-898. ISBN/ISSN No : 1234-3099. URL : <http://www.discuss.wmie.uz.zgora.pl/gt/index.php>.
5. Ganesh Mundhe, (2018). [On k-Connected G-Extensions of Binary Matroids](https://link.springer.com/article/10.1134/S1995080218090226#citeas). *Lobachevskii Journal of Mathematics*. 39(9), 1315-1319. ISBN/ISSN No : 1995-0802. URL : <https://link.springer.com/article/10.1134/S1995080218090226#citeas>.
6. Ganesh Mundhe, Y. M. Borse, (2018). [Connectivity of single-element coextensions of a binary matroid](https://arxiv.org/abs/1812.01218). *arXiv preprint arXiv:1812.01218*. (.), 6. ISBN/ISSN No : .. URL : <https://arxiv.org/abs/1812.01218>.
7. Ganesh Mundhe, Y. M. Borse, (2017). [On n-connected splitting matroids](http://www.sciencedirect.com/science/article/pii/S0972860017301494?via%3Dihub). *AKCE journal of graphs and combinatorics*. 10.1016/j.akcej.2017(1), 1-7. ISBN/ISSN No : ISSN: 0972-8600. URL : <http://www.sciencedirect.com/science/article/pii/S0972860017301494?via%3Dihub>.
8. Ganesh Mundhe, Y. M. Borse, (2017). [On n-connected splitting matroids](http://www.sciencedirect.com/science/article/pii/S0972860017301494?via%3Dihub). *AKCE journal of graphs and combinatorics*. 10.1016/j.akcej.2017(1), 1-7. ISBN/ISSN No : ISSN: 0972-8600. URL : <http://www.sciencedirect.com/science/article/pii/S0972860017301494?via%3Dihub>.

Conference Publications

1. Ganesh Mundhe, (2018). On graphic elementary lifts of graphic matroids. *Frontiers of Basic and Applied Sciences*. (.), .. ISBN/ISSN No : ..
2. Ganesh Mundhe, (2018). Connectivity of single element coextension of binary matroid. *Discrete Mathematics and Its Applications to Network Science*. (.), .. ISBN/ISSN No : ..
3. Ganesh Mundhe, (2017). Note on k-connected Gamma-extension of binary matroids. *National Conference on Pure and Applied Mathematics*. (.), .. ISBN/ISSN No : ..
4. Ganesh Mundhe, (2017). On n-connected element splitting matroids. *International Conference on Algebra and Analysis*. (.), .. ISBN/ISSN No : ..
5. Ganesh Mundhe, (2017). Note on n-connected splitting matroids. *National Conference on Discrete Mathematics*. (.), .. ISBN/ISSN No : ..
6. Ganesh Mundhe, (2016). Graphic Gamma-extension of binary matroids. *International Conference on Discrete Mathematics*. (.), .. ISBN/ISSN No : ..

Conference

1. International Conference on Discrete Mathematics and Its Application to Network Science (Attended), Discrete Mathematics, 2018, BITS, GOA
2. International Conference (Attended), International Conference on Algebra and Analysis, 2017, SPPU, Pune
3. National Conference (Attended), National Conference On Pure and Applied Mathematics, 2017, COEP, Pune

Workshop

1. FDP (Attended), FDP on Matlab, 2020, Online
2. FDP (Attended), FDP on R Programming, 2020, Online
3. FDP (Attended), FDP on Scilab, 2020, Online
4. FDP (Attended), FDP on Latex Software, 2020, PCCOE, Pune
5. FDP (Attended), FDP on ICT Tools for Teaching, Learning Process & Institutes, 2020, AIT, Pune
6. Faculty Development Program (Attended), Innovative Teaching Skills for Mathematics Teachers, 2018, SPPU, Pune
7. Faculty Development Program (Attended), Hands-On Methodology on OBE implementation, 2018, AIT
8. State Level Workshop (Attended), Mathematics for Industry, 2018, SPPU, Pune
9. Workshop on Vedic Mathematics (Organized), Vedic Mathematics, 2018, AIT Pune
10. SERB School (Attended), Non Linear Dynamics 2018, 2018, SPPU, Pune

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator
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Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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Professional Memberships

Society	Membership No	Duration
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Achievements/ Contribution

Year	Details
2020	Gold Medal from SPPU for the best Ph. D. Thesis in Mathematics
2010	Qualified SET exam
2010	Qualified CSIR-NET Exam with ALL INDIA RANK 15 also qualified for CSIR-JRF for Ph. D.

No of PhD Students Guided : 0 **No of PG Students Guided** : 0

No of PhD Awarded Students : 0