

Faculty Profile

Faculty Name	Dr. Monika
Designation	Assistant Professor
Qualification	Ph.D, NET - JRF, MCA
Email	monika.mca@piet.co.in
Area of Interest	Cloud Computing
Work Experience (Total)	
• Teaching	1 Year
• Research	3 Years
• Industry	9 months
• Others	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	DS, OS, CFO, Java, FOS (Fundamental of Storage), CWS (Cloud Web Services)
Membership of Professional Bodies	
Research Publications	10
• Research Papers UGC-CARE	1
• Research Papers SCOPUS	4
• Research Papers WoS/SCI/ABDC	
• List of Publications	<ul style="list-style-type: none"> • Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, "Survey on Various Scheduling Algorithms in Cloud Computing," in International Journal of Scientific & Engineering Research -IJSER. Vol. 7(12), pp. 204 - 209, 2016 • Monika, Dr. Pardeep Kumar Dr. Sanjay Tyagi, "Activity Based Cost Scheduling Using Priority Approach In Cloud Computing" in International journal of control theory and applications (Scopus), 2016. • Monika, Dr. Pardeep Kumar Dr. Sanjay Tyagi, "Workflow Scheduling for Scientific Application in

	<p>Homogeneous Cloud Environment” in International Journals of Advanced Research in Computer Science and Software Engineering, vol. 7(7), pp. 137-140, 2017, doi: 10.23956/ijarcsse/V7I7/0183.</p> <ul style="list-style-type: none"> ● Sachin Lalar, Monika and Arun Kumar Yadav, “Effect of Black Hole Attacks on Wireless Sensor Networks”, in International Journals of Advanced Research in Computer Science and Software Engineering, vol. 7(7), pp. 146-148, 2017, doi: https://doi.org/10.23956/ijarcsse/V7I7/0189. ● Nishu Rana, Dr. Pardeep Kumar and Monika, “A survey on Metaheuristics Approach for Load Balancing in Cloud Computing”, in International Journal of Innovations and Advancement in Computer Science, vol. 7(4), pp. 195-199, 2018. ● Nikita Malhotra, Dr. Sanjay Tyagi and Monika, “Stabilizing Server Load in Cloud Computing: A Review”, in International Journal of Scientific Research in Computer Science Applications and Management Studies, vol. 7(3), 2018. ● Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, “VM Optimization using Deadline Based Task Scheduling in Cloud Computing” in International Journal of Computer Sciences and Engineering, vol. 6(6) pp. 1604-1608, 2018, DOI: https://doi.org/10.26438/ijcse/v6i6.16041608. (UGC Approved). ● Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, “An Efficient Deadline Based VM Optimization Technique”, in International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Scopus), vol. 8(8S3), pp. 486-488, 2019. Retrieval Number: H11110688S319 & Sciences Publication /19©BEIESP. ● Nikita Malhotra, Dr. Sanjay Tyagi and Monika, “Time Restraint Load Balancing in Cloud Environment”, in International Journal of Grid and High Performance Computing (IJGHPC) (ESCI, SCOPUS) (Accepted) ● Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, “Adaptive Energy-Aware Algorithms to Minimize Power Consumption and SLA Violation in Cloud Computing, in Recent Advances in Computer Science and Communications (Scopus). (Accepted)
Book and Chapter Publications	

<ul style="list-style-type: none"> ● Books Authored published by International Publishers 	
<ul style="list-style-type: none"> ● Books Authored published by National Publishers 	
<ul style="list-style-type: none"> ● Publication of Chapter in Edited Books 	
<ul style="list-style-type: none"> ● Editor of Book by International Publishers 	
<ul style="list-style-type: none"> ● Editor of Book by National Publishers 	
<ul style="list-style-type: none"> ● Translation Work of Book 	
<ul style="list-style-type: none"> ● List of Book and Chapter Publications 	
Patents	
<ul style="list-style-type: none"> ● Published 	
<ul style="list-style-type: none"> ● List of published patent(s) 	
<ul style="list-style-type: none"> ● Filed 	
<ul style="list-style-type: none"> ● List of filed patent(s) 	
PhD Guidance	
<ul style="list-style-type: none"> ● Degree Awarded 	
<ul style="list-style-type: none"> ● Thesis Submitted 	
M.Tech. Guidance	
<ul style="list-style-type: none"> ● Degree Awarded 	
<ul style="list-style-type: none"> ● Thesis Submitted 	
Research Project	
<ul style="list-style-type: none"> ● List of Research project 	
Consultancy	
<ul style="list-style-type: none"> ● List of Consultancy 	
Awards & Honours	

<ul style="list-style-type: none"> List of Awards & Honours 	
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
<ul style="list-style-type: none"> International (Abroad) 	
<ul style="list-style-type: none"> International (Within Country) 	3
<ul style="list-style-type: none"> National 	2
<ul style="list-style-type: none"> List of published papers 	<ul style="list-style-type: none"> Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, "Survey on Various Scheduling Algorithms in Cloud Computing", in Advances in Computer Science and Engineering (ACSE - 2016) Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, "Comparative Analysis Between Various Scheduling Techniques in Cloud Computing", in National Conference on Recent Trends in Computing and Communication Technologies (RCCT - 2016). Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, "Resource Optimization using Deadline Based Task Scheduling in Cloud Computing", in International Conference on Recent Innovations in Computing (ICRIC-2018). Nishu Rana, Dr. Pardeep Kumar and Monika, "A Survey on Metaheuristic Approach for Load Balancing in Cloud Computing", in International Conference on Emerging trends in Science & Technology, 2018. Monika, Dr. Pardeep Kumar and Dr. Sanjay Tyagi, "A Novel Deadline Based VM Optimization Approach", in International Conference on Recent Trends in Computer Applications and Information Technology, 2019.
Organizing National Conference/ International Conference/ FDP/STTP	
<ul style="list-style-type: none"> List of Conference/FDP/STTP committee 	

Social Contributions and Sports	
<ul style="list-style-type: none">• List of Social Contributions and Sports	