

<b>NAME</b>	Dr Anil Barnwal	
<b>DESIGNATION</b>	Assistant Professor-III	
<b>EMAIL ID</b>	abarnwal@amity.edu	
<b>CONTACT NUMBER</b>	9868441505	
<b>RESEARCH INTERESTS</b>	Web technology, Cloud computing, OOPS, J2EE, DBMS	

**EDUCATIONAL QUALIFICATIONS:**

Name of College / University	Degree	Year
	Ph.D	2020
	MCA	2003
	B.Sc(Math) Hons	1994

**Title of Ph.D. thesis: Improvement of Energy Efficiency in Cloud Computing by Load Balancing Algorithm**

**EXPERIENCE (in chronological order): Total 20 Years Research & Teaching**

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Faculty	Teaching	Arun Softwares, Noida	1999-2002
Sr. Faculty	Teaching/Corporate Trainer	Aptech Computer Education, Noida	2002-2005
Asst Professor-III	Teaching	Amity Institute of Biotech.,Noida	Nov 2005- Till Date

**No. of Ph.D. students supervised**

**No. of Post-Doc**

**No. of M.Tech. Students supervised:** 1

**No. of B.Tech. Students supervised:** 51

**PUBLICATIONS : (Paper-19, Book-1)**

*Details:*

- Anil Barnwal, Rajesh Jangade, Satyakam Pugla (2021); Cluster Analysis Using Hazard Rate model under Cloud Operation with Big Data, 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)
- Anil Barnwal, Rajesh Jangade, Satyakam Pugla (October 2021); System for efficient and easy resources for common resources for grids and clouds”, 4<sup>th</sup> IEEE International conference on Recent Development in Control, Automation, & Power Engineering(RDCAPE 2021), PP 309-314
- Anil Barnwal, Rajesh Jangade, Jazibbadar khan, Satyakam Pugla, Surudipram (2019); Use of SQL Index for rapid and Efficient Findings of Nucleotide Database Record; 6<sup>th</sup> International Conference on Computing for Global Sustainable Development 2019, p 1326-1330
- **Anil Barnwal, Satyakam Pugla, Rajesh Jangade** (2019): Analysing and Predicting the resource Allocation and Utilization in Cloud Computing System; 9<sup>th</sup> International

Conference on Cloud Computing, Data Science & Engineering- Confluence 2019; P 56-61

- **Anil Barnwal**, Akshra Sharma, Ishita Joshi, Satyakam Pugla, Rajesh Jangade (2018); Implementation of Index in SQL to transform the searching process of nucleic acid database; International Conference on Computing for Sustainable Global development-Indiacom 2018;
- Anil Barnwal, Dr V.S Dixit (2017); Energy Efficiency in Cloud Computing ; Airo International Research Journal, ISSN – 2320 3714, Vol: 8, P-1003-1014
- **Anil Barnwal**, Satyakam Pugla, Rajesh Jangade (2017); Various Security Threats and their Solutions in Cloud Computing; International Conference on Computing, Communication and Automation (ICCCA2017); 773-780
- **Anil Barnwal**, Bonita Gupta, Prakhar Srivastava, Rajesh Jangade, Satyakam Pugla (2017); Using Power of Java for Implementation of Real Time System; International Conference on Computing for Sustainable Global development-Indiacom 2017; P 2044-2050; ISSN 0973-7529
- Rajesh Jangade, **Anil Barnwal**, Arushi Jain, Dhawani Gupta, Satyakam Pugla (2017) Implementation of Index in SQL to transform the Searching of Protein Records in Rapid and Efficient manner; International Conference on Computing for Sustainable Global development-Indiacom 2017; P 5746-5750; ISSN 0973-7529
- Rajesh Jangade, **Anil Barnwal**, Parul Chugh, Shreya Jain, Satyakam Pugla (2017) Implementation of SQL Index in Genetic Disorder Database in Rapid and Efficient Search of Record; International Conference on Computing for Sustainable Global development-Indiacom 2017; p 7282-7288; ISSN 0973-7529
- **Anil Barnwal** (2017): Effective Management of Distributive Cloud computing System for Scientific Applications; 7<sup>th</sup> International Conference on Cloud Computing, Data Science & Engineering- Confluence 2017; P 267-273
- Anil Barnwal, Dr V S Dixit (2016): Improvement of Energy Efficiency in Cloud computing by load Balancing Algorithms; International Journal of Scientific Research and Review, ISSN no: 2279-543 X, Volume 5, Issue 1, P 51-57
- **Anil Barnwal**, Asit Dwivedi, Rajesh Jangade, Satyakam Pugla (2016): Effective Management of Security of Risk in Cloud Computing Environment, International Conference on Sustainable Computing Techniques in Engineering, Science and Management; vol 9; issue 23; p 211-218; **ISSN : 0974-5572** (International Journal of Control Theory and Applications); H INDEX 9; SJR 0.53
- Satyakam Pugla, Rajesh Jangade, **Anil Barnwal**, Anant Narayan Sahi (2016): Automation of Examination Invigilation Duty, International Conference on Sustainable

	<p>Computing Techniques in Engineering, Science and Management; vol 9; issue 17; p 8845-8852; ISSN : 0974-5572</p> <ul style="list-style-type: none"> <li>➤ <b>Anil Barnwal</b>, Satyakam Pugla, Rajesh Jangade (2015): Exploring the Power of Cloud Computing Over Grid Computing, International Journal of Computer Science and Information Technologies (IJCSIT). 6(5): 4400-4403. Impact Factor- 3.32</li> <li>➤ <b>Anil Barnwal</b>(2015). Suitable and efficient Grid Computing using Java. International Journal of Current Research(IJCR). 7(6):16844-49. SJIF Impact Factor 5.349</li> <li>➤ Rajesh Jangade, <b>Anil Barnwal</b>, Satyakam Pugla(2015). Diamond Effect in Object Oriented Programming Languages. International Journal of Computer Science and Information Technologies (IJCSIT). 6(3): 3104-3111. Impact Factor-2.93</li> <li>➤ <b>Anil Barnwal</b>, Rajesh Jangare(2014).Using cloud computing Technology to Improve Education System. Asian Journal of Technology &amp; Management Research(IJTMR). 4(2): 23-29. SJIF Impact Factor- 3.016</li> <li>➤ <b>Anil Barnwal</b>, Rajesh Jangare(2014). Transforming cloud computing system in Heathcare. International Journal of Information Technology and systems(IJITS). 3(1):27-30.(Impact factor 0.412)</li> </ul> <p><b>Books:</b> 1. Anil Barnwal, V.S.Dixit(2014), <b>Mastering JSP: A server side technology</b>. Narosa Publication, New Delhi</p>
<b>PATENTS</b> ( <i>total no.</i> )	<i>Details:</i>
<b>RESEARCH PROJECTS</b> Completed: ( <i>total no.</i> )	<i>Details:</i>
<b>AWARDS &amp; HONOURS/ DISTINCTIONS</b>	<p><i>Details:</i></p> <ul style="list-style-type: none"> <li>➤ Achieved Elite+Gold Certificate in Prog in Java, a NPTEL Couse sponsored by MHRD in collaboration with IIT Kharagpur in Dec 2020</li> <li>➤ Cleared NPTEL online certification in Programming in Java with 94% marks sponsored by MHRD in collaboration with IIT kharagpur in 19<sup>th</sup> Dec 2020</li> <li>➤ Cleared NPTEL online certification in Cloud Computing sponsored by MHRD in collaboration with IIT kharagpur in 18<sup>th</sup> Dec 2020</li> <li>➤ Merit cardholder at <b>National Mathematics Olympiad in 1990</b></li> </ul>
<b>MEMBERSHIP</b> with Professional/ Academic bodies	<i>Details:</i>