NAME	Dr. SENEHA SANTOSHI	
DESIGNATION	Assistant Professor (Grade-I)	
EMAIL ID	ssantoshi@amity.edu	
CONTACT NUMBER	+91-9910907614	
RESEARCH INTERESTS	My research area is primarily based on molecular modeling of biomolecules, molecular dynamics simulations, computer aided molecule design, and their biological evaluations as potent molecules. I have an expert hand on in vivo toxicological evaluation by histopathology in allograft models. I have also worked in the field of Comparative and Functional Genomics.	

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
Jaypee University Of Information Technology Waknaghat, Solan	Ph.D.(Bioinformatics)	2014
Jaypee University Of Information Technology Waknaghat, Solan	M.Tech.(Biotechnology)	2010
Jaypee University Of Information Technology Waknaghat, Solan	B.Tech.(Bioinformatics)	2009

Title of Ph.D. thesis: Computer aided design of novel noscapinoids and their experimental evaluation as tubulin binding anticancer drugs.

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Assistant Professor	Teaching/Research	Amity Institute of Biotechnology, Amity University Uttar Pradesh, NOIDA	May 2015-Till date

No. of Ph.D. students supervised	Awarded: (no. only)	N/A
	Ongoing: (no. only)	N/A

PUBLICATIONS: 9

1. **Seneha Santoshi**, Naresh Kumar Manchukonda, Charu Suri, Balasubramanian Sridhar, Silja Joseph, Manu Lopus, Srinivas Kantevari, Iswar Baitharu and Pradeep Kumar Naik. Rational design of biaryl pharmacophore substituted noscapine derivatives as potent tubulin binding anticancer agents. Journal of computer aided Molecular design. DOI 10.1007/s10822-014-9820-5 (November 2014).

	2. **Seneha Santoshi** and Pradeep K. Naik. Molecular insight of isotypes specific β-tubulin interaction of tubulin heterodimer with noscapinoids. Journal of computer aided Molecular design. 28:751-763 (April 2014). 3. Manchukonda, N.K., Naik, P.K., **Santoshi, S.**, Lopus, M., Joseph, S., Sridhar, B. & Kantevari, S. (2013).Rational design, synthesis and biological evaluation of third generation α-Noscapine analogues as potent tubulin binding anti-cancer agents. Plos One, 8(10) e77970. 4. **Seneha Santoshi**, Pradeep K. Naik and Harish C. Joshi (2011). Rational design of novel anti-microtubule agent (9-azido-noscapine) from quantitative structure activity relationship (QSAR) evaluation of noscapinoids. Journal of Biomolecular Screening . 16(9):1047-1058. 5. Pradeep K. Naik, **Seneha Santoshi** and Harish C. Joshi (2011). Noscapinoids: A three dimensional chemical space pharmacophore modeling and electronic feature analysis with anti-cancer activity against human acute lymphoblastic leukemia cells (CEM). Journal of Molecular Modeling, DOI: 10.1007/s00894-011-1057-9;PMID:21523542 6. Pradeep K. Naik, **Seneha Santoshi**, Ankit Rai and Harish C. Joshi (2011). Molecular modelling and competition binding of Br-noscapine and colchicine provides insight into noscapinoid-tubulin binding site. Journal of Molecular Graphics and Modeling, 29: 947-955. 7. **Seneha Santoshi** and Pradeep kumar Naik (2012).Evaluation of structure activity relationship of Noscapinoids utilizing field based 3D QSAR modeling. Int. J. Fundamental Applied Sci. Vol. 1, No. 481-87[ISSN: 2278-1404] 8. Pradeep K. Naik, **Seneha Santoshi** and Ashima Birmani (2010). Computational prediction of potent therapeutic targets of Pseudomonas aeruginosa and in silico virtual screening for novel inhibitors. Internet Electronic Journal of Molecular Design 8: 42–62. 9. Pradeep K. Naik, **Seneha Santoshi** and Ashima Birmani (2010). Computational prediction of

	potent therapeutic targets of Pseudomonas syringae and in silico virtual screening for novel inhibitors. International Journal of Pharma and Bio Sciences 1(2): 1- 23.
PATENTS ***(total no.)*** **N/A**	***Details:*** **N/A**
RESEARCH PROJECTS Completed: **(0)** Ongoing: **(0)**	***Details:*** **N/A**
AWARDS & HONOURS/ DISTINCTIONS	**N/A**
MEMBERSHIP with Professional/ Academic bodies	**N/A**