

## JSS College for Women (Autonomous)

Saraswathipuram, Mysuru-09

### Individual Profile

Sl. No	Particulars	Details
<b>Personal Information</b>		
1	Name and Designation	Dr Soujanya K N Assistant Professor
2	Department	Biotechnology
3	Education Qualification	Ph.D in Biotechnology
4	Email Address	<b>knsoujanya@gmail.com</b>
5	Total Experience	1.5 years
<b>Research and Development</b>		
5	List of Publications	articles  1. Soujanya K.N, Siva R, Mohana Kumara P, Amitava Srimany, Ravikanth G, Mulani F.A, Aarth T ,Thulasiram H.V, Santhoshkumar T.R, Karaba N Nataraja. and Uma Shaanker R. (2017), ‘Camptothecin-producing endophytic bacteria from Pyrenacantha volubilis Hook. (Icacaceae): A possible role of a plasmid in the production of camptothecin’ , Pytomedicine 36, 160-167. Impact factor- 3.610 2. Kumara, P. M., Soujanya, K. N., Ravikanth, G., Vasudeva, R., Ganeshaiah, K. N.and Shaanker, R. U. (2014). ‘ Rohitukine, a chromone alkaloid and a precursor of flavopiridol, is produced by endophytic fungi isolated from Dysoxylum binectariferum Hook. f and Amoora rohituka (Roxb). Wight & Arn.’ Phytomedicine 21(4), 541-546. Impact factor- 3.610

3. Shivalingu, B.R., Vivek, H.K., Priya, B.S., Soujanya, K.N. and Swamy, S.N. (2016). ‘

Purification and characterization of novel fibrin (ogen)olytic protease from *Curcuma aromatica* Salisb.: Role in hemostasis

’ *Phytomedicine* 23(13), 1691-1698. Impact factor- 3.61

Soujanya K.N, Siva R, Mohana Kumara P, Amitava Srimany, Ravikanth G, Mulani F.A, Aarth T, Thulasiram H.V, Santhoshkumar T.R, Karaba N Nataraja. and Uma Shaanker R. (2017), ‘Camptothecin-producing endophytic bacteria from *Pyrenacantha volubilis* Hook. (Icacaceae): A possible role of a plasmid in the production of camptothecin’ , *Phytomedicine* 36, 160-167. Impact factor- 3.610

2. Kumara, P. M., Soujanya, K. N., Ravikanth, G., Vasudeva, R., Ganeshaiah, K. N. and Shaanker, R. U. (2014). ‘Rohitukine, a chromone alkaloid and a precursor of flavopiridol, is produced by endophytic fungi isolated from *Dysoxylum binectariferum* Hook. f and *Amoora rohituka* (Roxb). Wight & Arn.’ *Phytomedicine* 21(4), 541-546. Impact factor- 3.610

		<p>3. Shivalingu, B.R., Vivek, H.K., Priya, B.S., Soujanya, K.N. and Swamy, S.N. (2016). ‘Purification and characterization of novel fibrin (ogen) olytic protease from <i>Curcuma aromatica</i> Salisb.: Role in hemostasis’ <i>Phytomedicine</i> 23(13), 1691-1698. Impact factor- 3.61</p> <p>4.Sustainable production of camptothecin from an <i>Alternaria</i> sp. isolated from <i>Nothapodytes nimmoniana</i></p> <p>IAH Khwajah Mohinudeen, Rahul Kanumuri, KN Soujanya, R Uma Shaanker, Suresh Kumar Rayala, Smita Srivastava</p>
7	Details of Conferences/ FDP /Workshop Attended	Nil
8	Details of Training Programs attended	<p>1.Participated in National Seminar for two days on “Forest Resources: Diversity, Utilization and Conservation” in UAS, Bangalore</p> <p>2.Participated in one month training programme in “Bioprospecting of secondary metabolites from plant resources” conducted by School of Ecology and Conservation, UAS, Bangalore.</p> <p>3.Participated in Brain Storming Session for two days on “Chemical Ecology” conducted by School of Ecology and Conservation, UAS, Bangalore</p> <p>4.3 months project on Project on “Isolation and characterisation of hemostatically active components of <i>Curcuma aromatica</i>” ( 2011) Adichunchunagiri Biotechnology and Cancer Research Institute, B.G. Nagara, Mandya, Karnataka, India</p>
9	Research and Development projects submitted	Nil

10	Research and Development projects Awarded	Nill
11	Research Interests	Microbiology, Molecular biology
12	Other Achievements (If Any)	Nill