

KLE'S
Gudleppa Hallikeri College, Haveri

Faculty Profile

Name	First Name	Middle Name	Surname
	Dr. Chethana M		
Department	Chemistry		
Designation	Assistant Professor		
Qualification	M.Sc, M.Phil, P.hD		
Certification/Professional Courses/Exams	-NA-		
Email-id	Chethana21091983@gmail.com		
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Members of:-

College Committees	Other Committees
1) Library Committee Member	-NA-
2) Member of criteria III	
3) Research Committee Member	
4) Member of women empowerment cell	

Research Done:

1) Polyurethane green composites
2) Green synthesis
3) Natural products

Area of interest in research

1	Green Chemistry
2	Polymer science

Research publications:

1	M. Chethana, B.S. Madhukar, R. Somashekar and Siddaramaiah "Effect of ginger spent on mechanical, thermal and microstructural behaviors of polyurethane green composites", Journal of composite materials. 2013.
2	M. Chethana, B.S. Madhukar, R. Somashekar and Siddaramaiah "Structure-property relationship of bio-based polyurethanes obtained from mixture of naturally occurring vegetable oils", Advances in polymer technology. 2014.

3	M. Chethana, B.S. Madhukar, B. Ramraj and Siddaramaiah “Influence of nanoclay on the performance of ginger spent filled polyurethane green composites”, Advances in polymer technology. 2014.
4	M. Chethana and Siddaramaiah “Restricted equilibrium swelling of n-alkanes posed by ginger spent filled polyurethane green composites during sorption, desorption, resorption and redesorption processes”, Advances in polymer technology. 2016.
5	M. Chethana, Kalappa Prashantha, Siddaramaiah “Studies on thermal behavior, moisture absorption, and biodegradability of ginger spent incorporated polyurethane green composites”, Journal of applied polymer science. 2016.

Participated/presented papers in conference/seminar/symposia

1	Presented paper in the 5 th National conference on plastic and rubber technology conducted during 25 th and 26 th April 2011.
2	M. Chethana, B.S. Madhukar and Siddaramaiah “Effect of mixture of naturally occurring polyols on the performance of polyurethane”, Natl. sem. on advances in polymeric materials, 16 th -17 th March, 2012, Anantapur, Andhrapradesh.
3	Participated in one day seminar on “Research developments in Computer Aided Drug Design and Computational Biology, Organized by department of Biotechnology, SJCE in association with Schrodinger, GmbH, India, Bangalore on 22 may 2012.
4	M. Chethana, B.S. Madhukar and Siddaramaiah “Influence of nanaoclay on the performance of ginger spent filled polyurethane green composite”, First indo-canadian symposium on nano-science and technology, 20 th -22 nd February, 2013, NIE, Mysore.
5	M. Chethana, B.S. Madhukar and Siddaramaiah “Effect of ginger spent on polyurethane green composites”, National seminar on recent trend in polymer science and technology, 29 th -30 th June, 2013, Anantapur, Andhrapradesh.
6	M. Chethana and Siddaramaiah “Effect of nanoclay loading on the performance of polyurethane/ginger spent nanocomposites”, All India seminar on nanotechnology for energy, environment and health, 19 th -20 th October, 2013, IEI, Mysore.
7	Presented paper in Polycon 2014, the 6 th National conference on Advances in polymeric material jointly organized by Department of polymer science and technology and Indian rubber institute, Karnataka branch at SJCE Mysore, During 25 th -26 th April 2014.
8	Presented paper on “Restricted swelling behavior in MCC/PU green composites, in the UGC-CPE sponsored one day national conference on “Emerging trends in Material Science”Organised by department of physics and chemistry on 5 th October, 2018

Worked as BOS member in Maharani Lakshmi Ammanni College (Autonomous), Bangalore

Participated in First Faculty Induction Programme from 09-12-2020 to 05-1-2021 organised by HRDC University of Mysore.

Attended 7 days FDP organized by Sharanabasaveshwar College of Science, Kalaburagi from 14th june, 2020 to 20th june 2020.

Attended several webinars organized by various colleges.