



SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum)
#14/5 Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



Chemistry Magazine



Chemistry is like cooking (just don't lick the spoon)

AY: 2017-2018

Mission	Vision
To feed the budding engineers with finer aspects of science which make them to understand, exploit and innovate, thus contributing to the future technologies.	Upgrade our students about the latest developments in chemical science and also creating progressive environment for learning & innovations.

Chairman: Sri G. Dayanand	Executive Director: Sri G. D Manoj
 <p>The "CHEMitario" newsletter of the department Chemistry is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to show case their creativity. So, I take the opportunity to congratulate the department of Chemistry and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.</p>	 <p>I am indeed happy to know that the department of Chemistry has taken initiative in realizing its monthly newsletter "CHEMitario" and urge faculties and students to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial community and department of Chemistry.</p>

Principal's Desk	Administrative Officer's Desk
 <p>It is indeed very happy to bring out newsletter "CHEMitario" by the department of Chemistry. It is a platform provided by the department of Chemistry for their students and faculty members where they can share the knowledge, experience and talents in terms of written articles and I would like to compliment and congratulate the department of Chemistry and its editorial team for the contribution in bringing out the newsletter.</p>	 <p>It gives me immense pleasure to note that Chemistry Department bringing out Newsletter for the academic year 2017-18. I am sure this newsletter provides an opportunity to the student's and the faculty of the department to project their talents through articles, reports of the various academic and extracurricular programmes. I congratulate the editorial committee of the newsletter for their efforts.</p>

HOD'S Desk	INSIDE THE ISSUE
 <p>I am very happy to bring out the first issue of the Departmental Magazine "CHEMitario-2018". This magazine outlines various activities took place during the academic year 2017-18 and the achievements of faculty and students. It is great to find a considerable number of articles, poems and art that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent. Sincerely congratulate the Chairman, Principal, and editorial team of the department for their unrelenting efforts in compiling this Magazine</p>	<ul style="list-style-type: none"> ❖ Vision Mission ❖ H.O.D's Desk ❖ List of papers published in journals ❖ Department Activities
<p>GUEST LECTURE conducted for chemistry cycle students organized by department of chemistry on 09/09/2017. Dr. Munichandraiah N Professor, IPC Department, IISc, Bangalore had given lecturer on "Recent trends on Batteries" which was benefitted to nearly 250 students.</p> 	
<p>Paper Published in International/National Journals</p> <ol style="list-style-type: none"> 1. Jithendra kumar K S, Krishnamurthy G, Kumaraswamy B E, Shashi Kumar N D, Krishna B S, Nagaraj Naik, Terephthalic acid derived ligand-stabilised palladium nanocomposite catalyst for heck coupling reaction: without surface-modified heterogenous catalyst. Applied Organometallic Chemistry 31(1) 2017. 	

2. **Dr. B S Krishna**, Middoddi nataraj, Effects of textile mill waste water on growth of maize, *International journal of advanced Research Ideas and Innovation in Technology*, 4(4) 535-537 2018.
3. **Chaitanya Lakshmi G**, Kushal Sharma, swathi Krishna, Zinc oxide/ Chitosan biocompatible nanocomposites: Preparation, Charecterization and its use in congo red dye photodegradation, *International journal of Applied Nanoscience*, 3(2) 27-39, ISSN: 2455-8524 2017

Paper presented in National Conferences

1. **Anusuya A.M**, "Synthesis characterization and biological applications of Mannich Base heterocyclic molecules of Transition Metal complexes". National conferences on advances in Material Research (NCAMR-2017) at Ramiah University of applied sciences.

CLOTHS DONATION TO ORPHNAGES: Students voluntarily come up with idea to collect old cloths from the 1st year students and to donate it for the poor needs those who benefit it. Lot of students came forward and donated their cloths and even from their parents. As so, August 5th 2017 we distributed cloths to Manav Charities, is a registered NGO-non profitable oriented secular organization located in Hesaraghatta. Along with cloths we also donated school stationary items and evening snacks. 30 Students were there from class 1st to 10 standards. That is what; No one has ever become poor by giving. It's not how much we give but how much love we put into giving.

SWATCH BHARAT: In Sapthagiri College of Engineering it was initiated by the first year students of 2017-18 academic year for creating social awareness. Sapthagiri welfare committee was formed on March 2, 2018 in Collaboration with NSS (National Service Scheme) under the guidance of Dr.B.S.Krishna, HOD, Department of Chemistry. The details were undertaken by the faculty coordinator Dr.Tulsi Das D, Department of Mechanical Engineering and Bharath, Department of Chemistry. Equally encouraged and supported by Dr.K.L.Shivabasappa, Principal, Sapthagiri College of Engineering and Dr. Nagabhusan, Administrative Officer, Sapthagiri College of Engineering.

The first awareness program initiated by Sapthagiri Helping hands and NSS was "Swachh Bharat Abhiyan" to spread the awareness in and around the campus. The materials required for cleaning and sanitation was fulfilled by the college management. 40 students actively participated in the Abhiyan. Teams were created and were assigned to certain spots around the college campus like GelayaraBalaga layout and HanumantheGowdru Road., Hesarghatta, Bengaluru on April 07, 2018. The waste collected was dumped in a specific place and was ensured that the BBMP collected it. We got huge support and encouragement from the local communities. The college management provided refreshments at the end of the Abhiyan. We are planned to extend our work further with great progress towards the Development of Clean India.



Group photo with team involved in Swachh Bharat Abhiyan

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