



**Dr. N.G.P. ARTS AND SCIENCE COLLEGE**

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

DST-FIST DBT-Star College Scheme

Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

**Department Activities: Academic Year 2018-2019**

**1. Guest Lecture/Invited Lecture**

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	13-Jul-18	Dr. K. P. Elango, Professor, Department of Chemistry, Gandhigram Rural Institute, Gandhigram	Fluoride toxicity		I – B. Sc. Chemistry, II – B. Sc. Chemistry students
2	23-Aug-18	Dr. N. SenthilKumar, Scientist - E, Institute of Forest Genetics and Tree Breeding, Forest Campus, Coimbatore	Bio prospecting of forest resources		I – B. Sc. Chemistry, II – B. Sc. Chemistry students
3	01-Mar-19	Dr. K. Sakthivel, Assistant Professor, Department of Chemistry, Dr. N. G. P. Arts and Science College, Coimbatore	Synthetic applications of diazo compounds		I – B. Sc. Chemistry, II – B. Sc. Chemistry students
4	14-Mar-19	Dr. Radha Palaniswamy, Assistant Professor, Department of	Grooming oneself towards career		I – B. Sc. Chemistry, II – B. Sc. Chemistry students

		Biotechnology, Dr. N. G. P. Arts and Science College, Coimbatore			
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## 2. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	10-Sep-18	First Aid Awareness Programme for the Public and Orientation Programme	Thadagam Village	II B.Sc Chemistry students (58 Nos)

## 3. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	27-Oct-18	Mrs. V. Nijarubini	REVISED ASSESSMENT & ACCREDITATION FRAMEWORK OF NAAC	Sri Ramakrishna Mission Vidyalaya College of Arts and Science
2	10-Dec-18 to 16-Dec-18	Mrs. V. Nijarubini	EMERGING TRENDS IN SCIENCE AND TECHNOLOGY-ETST-2018	Coimbatore Institute of Technology
3	03-Dec-18 to 09-Dec-18	Dr. K .Krishnaveni	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College
4	03-Dec-18 to 09-Dec-18	Mrs. V. Nijarubini	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College
5	03-Dec-18 to 09-Dec-18	Dr. K. Sakthivel	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College

6	03-Dec-18 to 09-Dec-18	Mrs. P. Kavitha	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College
7	03-Dec-18 to 09-Dec-18	Dr. R. Menaka	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College
8	03-Dec-18 to 09-Dec-18	Dr. S. Sathiyaraj	QUALITY INITIATIVES IN HIGHER EDUCATION	Dr. N.G.P. Arts and Science College
9	22-Sep-18	Dr. R. Menaka	One-day Training Programme on FE SEM	Avinashilingam University for women

#### 4. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1	09-Aug-18 to 11-Aug-18	Dr. R. Menaka	International conference on surface engineering (INCOSURF-2018)	Enhanced Corrosion Protection and Surface Interaction of Chitosan Schiff Base on Mild Steel Surface in 1M HCl	Indian Institute of Science, Bengaluru
2	01-Feb-19 to 02-Feb-19	Mrs. P. Kavitha	National Conference on Recent Trends in Chemistry- 2019 (RTC'19)	MAGNETIC AND ELECTRICAL PROPERTIES OF MAGANESE COBALT FERRITE O- PHENYLENEDIAMINE NANOCOMPOSITES", , ,	Sri Ramakrishna Vidyalaya College of Arts and Science,Coimbat ore

#### 5. Students Presentation

S.No	Date	Name of the student	Name of the event	Name of the title	College
1	01-Feb-19	R. Ashokmithran	National conference on innovation in biochemical and food technology	Identification of Food Adulterants in Some Selected	Kumaraguru College of technology, Coimbatore

				Food Items using Chemical Qualitative Analysis	
2	01-Feb-19	S. Dinesh kumar	National conference on innovation in biochemical and food technology	Preliminary analysis of Toxic Metal Contaminants in Common Food Products By Laboratory Chemical Reagents	Kumaraguru College of technology, Coimbatore

#### 6. Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/SSCI/Scopus
1	S.Sathiyaraj	Study of Structural, morphological, optical and biomedical properties of pH based ZnO nanostructures	Superlattices and Microstructures	7496036, Dec 2018	2.09	SCI
2	Nijarubini. V	Synergistic Effect Between Gum Exudates of Eucalyptus Globes and 2,6-Diphenyl-3-Methylpiperidin-4-one on Corrosion Inhibition of MS in 1N HCl Synergistic Effect Between Gum Exudates of Eucalyptus Globes and 2,6-Diphenyl-3-Methylpiperidin-4-one on Corrosion Inhibition of MS in 1N HCl	Oriental Journal of Chemistry	0970-020X, Oct 2018	0.36	Scopus
3	Nijarubini. V	Preparation and Characterization of alkaline electroless Ni-B Nano	Rasayan Journal of Chemistry	0974-1496, Apr 2018	0.29	Scopus

		deposition on Mild steel in the presence of Azadirachtaindica gum				
4	Menaka R	Gravimetric and Electrochemical Study of Temperature Effect of PVA Grafted Terpolymer on Corrosion Inhibition of Mild Steel in Hydrochloric Acid	Materials today: Proceedings	2214-7853, Aug 2018	0.8	SCI
5	Menaka R	Electrochemical Investigation of Eco-friendly Chitosan Schiff base for Corrosion Inhibition of Mild Steel in Acid Medium	Materials today: Proceedings	2214-7853, Aug 2018	0.8	SCI
6	Nijarubini. V	A Mixture of Iodide Ion and Gum Exudates of Eucalyptus globules as Green Inhibitor for Dissolution Control of Mild Steel in 1 N HCl Medium	Asian Journal of Chemistry	0975-427X, Jan 2019	0.14	Scopus

#### 7. Co-curricular Activities

S. No.	Name of the Student	Name of the Event	Date	Venue	Prize won
1	T. Pradeep	Friends of Police	18-Jul-18	Dr. N.G.P Arts and Science College	Best Service Award
2	T. Pradeep	Friends of Police	11-dec-18	Collector office, Coimbatore	Kalam Award

#### 8. Students Participation

<b>S. No.</b>	<b>Date</b>	<b>Name of the Students</b>	<b>Event</b>	<b>College</b>	<b>Inter Collegiate / Inter Departmental</b>	<b>Prizes won</b>
1.	05-Sep-18	Keerthiga P S Keerthiga V S	Connections	Dr. N. G. P. Arts and Science College.	Interdepartmental – Department of Biochemistry	IInd Prize
2.	28-Feb-19	S. Lavanya	Tamil Essay Writing	Dr. N. G. P. Arts and Science College, Coimbatore.	Inter Departmental – Science Day	Ist Prize
3.	28-Feb-19	P. S. Keerthiga V. S. Keerthiga	Drawing Competition	Dr. N. G. P. Arts and Science College, Coimbatore.	Inter Departmental – Science Day	IIIrd Prize

**9. Students Counseled**

<b>S. No.</b>	<b>Name of the class</b>	<b>Number of Students</b>
1.	I-B.Sc, II-B.Sc Chemistry students	116