

## ACTIVITIES OF THE DEPARTMENT 2019-20

### Association meetings, Guest Lectures and Celebration of Important days

S. No	Date	Topic	Resource Person (designation with complete official address)	Event
1	03.06.19	Candidate: R.M.DeenaGladies Supervisor: Dr.C.Subha	-	Ph.D Admission for Part Time
2	04.07.19	Preparation Strategy for Competitive Exams in Chemistry	Ms. Mary Sri Archana.A.P Ph.D Scholar Department of Chemistry St.Joseph's College,Trichy	Guest Lecture (DBT)
3	04.07.19	Science in Everyday Life	Dr.N.Chandrasekara Former Associate Professor Department of Chemistry CBM College, Coimbatore	Chemistry Association First Meeting
4	08.07.19	Energy Conservation	Dr.K.Gurusamy, Assistant Professor Department of Biochemistry Horticultural College and Research Institute, Tamilnadu Agricultural University, Trichy	Energy Club Meeting
5	17.07.19	NMR Spectroscopy - Concepts and Theory	Dr.S.Ponnusamy Associate Professor & Head Department of Chemistry Government Arts College Coimbatore	Guest Lecture (DBT)
6	18.07.19	Basic Concepts of Electrochemistry	Dr.N.Chandrasekara Former Associate Professor Department of Chemistry CBM College, Coimbatore	Guest Lecture (DBT)
7	19.07.19	Introduction to Group Theory	Dr.V.G.Vasudha Former Associate Professor & Head Department of Chemistry Nirmala College for Women Coimbatore	Guest Lecture (DBT)
8	20.07.19	DBT Mentors Meeting	Dr.S.Manonmani Associate Professor & Head Department of Chemistry PSG College of Arts & Science Coimbatore	DBT Mentors Meeting
9	20.07.19	PTA Meeting		Parents Meet

10	29.07.19	Solid State Chemistry	Dr.V.G.Vasudha Former Associate Professor & Head Department of Chemistry Nirmala College for Women Coimbatore	Guest Lecture (DBT)
11	29.07.19	Stereochemistry of Organic Chemistry	Dr.V. Mohanraj Assistant Professor Department of Chemistry ManomaniamSundranar University Constituent College, Kanyakumari 624901	Guest Lecture (DBT)
12	30.07.19	Basic Concepts of Liquid Crystals	Dr.C. Rengaswamy Former Associate Professor Department of Chemistry CBM College, Coimbatore	Guest Lecture (DBT)
13	31.07.19	Carbohydrates Structure and its Function	Dr.V. Mohanraj Assistant Professor Department of Chemistry ManomaniamSundranar University Constituent College, Kanyakumari 624901	Guest Lecture (DBT)
14	06.09.19	Chemistry of Steroids	Dr.D.Karthik Kumar Assistant Professor Department of Chemistry PSG CAS Coimbatore	Guest Lecture (DBT)
15	16.09.19	Every Ozone Hole - A Threat to our Soul	Judges: 1.Dr.Sudha Sharma Assistant Professor Department of Hindi 2. Dr.B.Dhanalakshmi Assistant Professor Department of Zoology Nirmala College for Women, Coimbatore	World Ozone Day Celebration (DBT)  Interdepartme ntal Poster Competition
16	19.09.19	Exhibition on History and Chemistry of Periodic Table	Rev.Sr. Soona Principal NirmalaMatha Convent ICSE School, Malampuzha	Celebration of International Year of Periodic Table of Chemical Elements IYPT 2019 declared by

				UNESCO (DBT)
17	01.10.19	Dimensions in Spectroscopy	Dr.S.P. Rajendran Adjunct Professor Department of Chemistry Karpagam Academy of Higher Education, Karpagam University Coimbatore -21	Guest Lecture (DBT)
18	11.10.19	Aptitude Training for Chemistry Aspirants	Dr.K.Mangayarkarasi Head-Aptitude training RVS Educational trust Sulur, Coimbatore	Guest Lecture (DBT)
19	28.11.19	Second DC Meeting for Ph.D Scholar: Kavitha.V Supervisor: Dr.N.Gunavathy	DC Member: Dr.M.Shyamala Assistant Professor of Chemistry, GCT, Coimbatore.	DC Meeting
20	14.12.19	BOS for M.Sc Syllabus Revision	Dr.S.Ponnuswamy (Subject Expert) Associate Professor and Head Department of Chemistry Government Arts College Coimbatore – 641 018. Dr.A.Muthuswamy Associate Professor Department of Chemistry SRMV College, CBE Dr.T.Selvaraju Associate Professor and Head Department of Chemistry Bharathiar University Coimbatore – 641 046 Dr.Subashini K. Sripathi Professor and Head Department of Chemistry Avinashilingam Institute for Homescience& Higher Education for Women Coimbatore 641 043 Mrs. Punitha Ramakrishna (Industry) Wafe Auxiliary Pvt Ltd SITRA, Coimbatore – 641 014 Mrs.V.Srimathi (Alumini) Assistant Professor	Board of Study Meeting

			Department of Chemistry Nehru Institute of Technology Coimbatore 641 105	
21	19.12.19	Integrated Spectroscopy Solution for Structural Determination of Organic Compounds	Dr.A.Murugesh Assistant Professor in Chemistry SRMV College of Arts and Science, Coimbatore	Guest Lecture (Autonomous Funded)
22	04.01.20 20	DBT Mentor Review Meeting	Dr.S.Manonmani Associate Professor & Head Department of Chemistry PSG College of Arts & Science, Coimbatore	DBT Mentor Review Meeting
23	23.01.20 20	Competition  1.Elocution Competition 2. Quiz Competition	Dr.V.G.Vasudha Associate Professor & Head (Retd) Department of Chemistry Nirmala College for Women Coimbatore.	Chemistry Association Competitions
24	06.02.20	Energy Club Valedictory	Dr.R.Balamurugan Assistant professor (Senior Grade) Department of Physics Kumaraguru College of Technology Coimbatore	Energy club
25	11.02.20 20	Success in Life	Dr.G.Geethamalika Former Associate Professor & Head, Department of Chemistry Nirmala College for Women Coimbatore.	Chemistry Association Valedictory

**Workshops, Seminars, Conferencs, Symposiums, Hands On Trainings  
Organised By The Department**

<b>S. No</b>	<b>Date</b>	<b>Topic</b>	<b>Resource Person</b>	<b>Event</b>
1	20.06.19 21.06.19	Demonstration on Chemistry Practical Examination	Dr.N.Gunavathy Sr.S.Kulandai Therese Mrs.J.Johnney Caroline Mrs.P.AnithaChirsty Ms.S.Valli Assistant Professors Department of Chemistry Nirmala College for Women	District Level FDP (DBT)
2	20.08.19	Home Care Products	Dr.K.Anbarasi Assistant Professor	Training (DBT)

			Department of Chemistry Nirmala College for Women	
3	20.08.19	Textile Screen Printing	Dr.N.Gunavathy Assistant Professor and Head Department of Chemistry Nirmala College for Women	Workshop (DBT)
4	21.08.19	Earn While Learn- Empowerment as Entrepreneur Through Design Making	Dr.N.Gunavathy Assistant Professor and Head Department of Chemistry Nirmala College for Women	Training Programme (DBT)
5	30.08.19	Chem ICT Tools- Use of Spread Sheet for Data Analysis in Chemistry Research	Dr.S.Sivashankari Assistant Professor Department of Bioinformatics Nirmala College for Women, Coimbatore	Workshop (DBT)
6	28.08.19	Phytochemistry and Nanochemistry	Dr.R.Ragunathan –Director Mrs.JesteenaJohney – Co-ordinator , CBNR Echanari, Coimbatore	Training Programme (DBT)
7	20.09.19	Evolution and Importance of Periodic Table  Astronomer’s Periodic Table: Evolution of Matter in Universe  Empowerment and Career Opportunities in Chemistry  Dendrimer Based Fluorescence Sensors	1.Dr.Srinivasan latha AMRSC, Assistant Manager, Academic Staff College, VIT, Vellore .  2. Dr.RabinRajanJ.Methikkalam Assistant Professor in Chemsitry Mar Ivanious College Thiruvananthapuram,Kerala  3. Mr.VarunPrakash.B Senior Consultant Capgmini Technology Services India, Bengaluru  4. Mr.G.Avudaiappan Senior Research Fellow in Applied Chemistry(UGC-JRF) CUSAT, Ernakulam.	National Seminar in Commemoration of International Year of Periodic Table - IYPT 2019  (DBT)
8	27.09.19	Preparation of Household Cleaning Materials	Dr.K.Anbarasi Assistant Professor Department of Chemistry Nirmala College for Women	Training Programme (DBT)

9	02.12.19	Know First Aid- Become a Life Saver	Dr.N.Gunavathy Assistant professor & Head Department of Chemistry Nirmala College for Women, Coimbatore-18	DBT Funded Faculty Development Programme
10	02.12.19	Laboratory Accidents and its First Aid.	Dr.N.Gunavathy Assistant Professor & Head Department of Chemistry Nirmala College for Women, Coimbatore-18	DBT Funded Workshop
11	13.12.19	E content Development Through Photo Apps	Dr.N.Gunavathy Assistant Professor & Head Department of Chemistry Nirmala College for Women, Coimbatore-18	Workshop
12	18.12.19	Sustainable Innovation and Empowerment in Chemistry - Video Conference	1.Mr.K.Sabapathi Senior Specialist Kuwait National Petroleum Company Kuwait Topic: Career Empowerment for Chemistry 2.Dr. P.Mosae Selvakumar Assistant Professor in Chemistry Asian University for Women, Chittangong, Bangaladesh Topic: Chemsitry of Asian Palmira palm 3. Dr.Kavitha Thangavelu PDF, Dept of Chemical Engineering KhalifaUnivetsity Abudhabi, UAE Topic: Empowering Chemistry Through Sustainability	International Symposium
13	21.01.20	CHEMFLAIR'20	Dr.N.Chandarsekara Former Associate Professor Department of Chemistry CBM College, Coimbatore	Intercollegiate Student's Meet
14	05.02.20	Electrochemical Method of Monitoring Corrosion	Ms.V.Kavitha PhD Research Scholar(Chemistry), Nirmala College for Women, Coimbatore	Training Programme
15	10.02.20	Contemporary Horizons in Chemical	Dr.PoornimaParamasivan MRSB FHEA School of Science	UGC Funded Autonomous Grant International Seminar

		Science	<p>Engineering and Technology, University of Abertay Dundee, United Kingdom, DDI IHG Topic: Small Molecule NRF2 Modulators – A Link between Chemistry and Biology Dr.S.V.Ganesan Assistant Professor Department of Chemistry Saraswathi Narayanan College, Perungudi Madurai -22 Topic: Recent Trends in Lithium Battery Research Dr.K.Mangayarkarasi Head- Aptitude Training RVS Educational Trust Sulur, CBE Topic: Soft Skill Training for Basic Science Students Dr.V.Mohanraj Assistant Professor - Chemistry ManonmaniamSundaranar University Constituent College Kanyakumari – 624901 Topic: Spiritual Behind Chemistry</p>	
16	20.02.20	Molecular Visualization Using RASMOI and SPDV Software	Mrs.V.Kavitha Ph.D Scholar Department of Chemistry Nirmala College for Women	Hands on Training
17	11.05.20	Awareness on Women Health	Dr.N.GUNAVATHY, Assistant Professor and Head, Department of Chemistry, Nirmala College for Women, Coimbatore	Orientation Program
18	16.05.20	World Before and After Pandemic Covid 19	Dr.N.GUNAVATHY, Assistant Professor and Head, Department of Chemistry, Nirmala College for Women, Coimbatore	Poster Competition
19	15.05.20	inQUIZitive 2020	Dr.P.Dhivya, Assistant Professor , Department of Chemistry, Nirmala College for Women, Coimbatore	Online Quiz Contest
20	15.05.20	Theory of 1H- NMR Spectroscopy	Dr.P. Kalaivani, Assistant Professor, Department of Chemistry, Nirmala College for	Online Lecture

			Women, Coimbatore	
21	18.05.20	Medicinal values of phytochemicals	Dr.K.Anbarasi, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	Online Medchem Quiz
22	25.05.20	Nano Chem Quiz	Mrs.J.Johnny Caroline, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	Online Quiz Contest
23	27.05.20	Human Energy Management	Mrs.Mayuri Arun, Professional Trainer and Counseling Psychologist, Chennai	Orientation Program
24	27.05.20	Personality Development	Mrs. S. valli, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore. & Mr. Saravanan. G, Lecturer in physics, SRIPC, Coimbatore	Online Motivational Talk
25	28.05.20	Chemistry of COVID Drugs	Dr. Krishnakumar Gnanasekaran. Expert Analyst, Pharmascience, Montreal, Quebec, Canada.	International Webinar
26	28.05.20	Concerted reactions	Sr. Dr. S Kulandai Therese, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	Online Quiz
27	30.05.20	Challenges and Opportunities in Student's Career after COVID 19	Mr.N.V.Subramanyam, Director, T.I.M.E Institute, Coimbatore	Webinar
28	01.06.20	Green and Medicinal Chemistry	Mrs.P.Anitha Christy, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	Quiz Contest
29	02.06.20	Know your chemicals	Dr. C.Subha, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	E Quiz
30	06.06.20	Energy conservation	Dr.N.GUNAVATHY, Assistant Professor and Head, Department of Chemistry, Nirmala College for Women, Coimbatore	Energy club-one minute video contest
31	10.06.20	Role of Chemistry in Everyday Life	Dr.K.Anbarasi, Assistant Professor, Department of Chemistry, Nirmala College for Women, Coimbatore	Online quiz



### Exposure Visits

S. No	Date	Class	Place	No. Of Days	No Of Students	Type
1	17.08.19	II B.Sc & III B.Sc Chemistry	1. KPM Processing Mill Private Ltd., Arulpuram, Tirupur 2. Sulochana Textile Process, Iduvampalayam, Tirupur	1	65	Industrial Visit
2	23.08.19	III UG & II PG Chemistry	Wonderla (Science Lab) ,Water Treatment Plant, Wonderla Holidays Limited Pallikkara, Kochi.	1	53	Industrial Visit
3	22.08.19 to 24.08.19	III B.Sc & II M.Sc	Wonderla, Kochi, Allepey	3	53	Educational Tour
4	30.08.19	I B.Sc & I M.sc	MSME's National Science and Technology Fair- 2019 at Codissia Trade Fair Complex, Coimbatore	1	52	Field Trip
5	15.01.20 to 18.01.20	Chemistry Department	Andaman	4	3 Staff	Tour
6.	07.02.20	II B.Sc I M.Sc	Analytical Technique in NanoTechnology at NanoTech Research Innovation and Incubation Centre, PSG – STEP PSG College of Technology, Coimbatore	1	33 21 2 Staff	Institute Visit

### Best Practices Of The Department

S. No.	Date	Dept	Activity
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1.	On All Working Days	Chemistry	Maintenance of Kitchen Waste Biogas in College Hostel Kitchen
2.	During all Practical Classes	Chemistry	Reduction in the use of chemicals for the practicals by using half the quantity mentioned in the procedure
3.	05.09.19	Chemistry	Solar Powered Fan & Light Installed in Department Library

### Major/Minor/ Student Projects

S. No.	Period	Name of the Faculty	Topic	Funding Agency	Amount Sanctioned in Rs.	Sanctioned /Ongoing/ Completed
1.	2018 - 2019	Dr.C.Subha	Evolution of Newly Synthesized Polyamides as Corrosion Inhibitors	TNSCST-Student Project Scheme	Rs.7,500	Completed
2	2019-20	Dr. P.Dhivya	Biosynthesis of Silver nanoparticles by marine vertebrate and assessment of its biological activity against human pathogens	TNSCST-Student Project Scheme	Rs.7,500	Ongoing

### Faculty Who Have Recognition For Guiding M.Phil.& Ph. D

S.No	Dept	Name of the Staff	Date of Recognition	Name of the University	Official Communication
1	Chemistry	Dr. N. Gunavathy	05.08.2011(M.Phil) 02.11.2015(Ph.D)	Bharathiar University	15974/A2/2011(M. Phil) Dated: 05.08.19 25011/A2/2015 (Ph.D) Dated: 03.11.2015
2	Chemistry	Dr. P. Kalaivani	02.11.2015 (Both M.Phil&Ph.D)	Bharathiar University	25010/A2/2015 Dated: 03.11.2015
3	Chemistry	Dr. C. Subha	27.02.2017	Bharathiar	1996/A2/2017

			(Both M.Phil&Ph.D)	University	Dated: 28.02.2017
4	Chemistry	Dr.S.Kulandai Therese	25.05.2019 (Both M.Phil&Ph.D)	Bharathiar University	8308/A2/2019 Dated 27.05.2019
5	Chemistry	Dr.P.Dhivya	11.12.2019 (Both M.Phil&Ph.D)	Bharathiar University	27334/A2/2019 Dated 13.12.2019
6	Chemistry	Dr. K. Anbarasi	25.05.2019 (Both M.Phil&Ph.D)	Bharathiar University	8993/A2/2019 Dated 27.05.2019

### M.Phil. Produced by The Faculty

S.No	Name of the Candidate	Supervisor	Part time/ Full time	Date of Completion
1	Dr.C.Subha	Chemistry	Sharmila.A.R	24.01.2020

### Ph.D Produced By the Faculty

S.No	Name of the Candidate	Name of the Supervisor	Title of the Thesis	Date of Viva Voce
1	S.Shalini	Dr.G.Geethamalika	Removal of Arsenic from Aqueous solution Using Pectin Stabilized Nano Zero Valent Iron Particles and Up Scaling Through Neem Bark Supported Treatment System	13.09.19

### Refresher, Orientation Course, Fdp And Training Programme Attended By The Faculty

S.No	Date	Name of the faculty	Title	Organized by
1	October 2018 to March 2019 (29.05.19)	Dr.N.Gunavathy	(ARPIT) Online Refresher Course in Chemistry for Higher Education Faculty	AICTE SWAYAM MHRD UGC
2	13.05.2019 to 26.05.2019	Dr.N.Gunavathy	Refresher Course on Research Methodology	Department of Chemistry, Coimbatore Institute of Technology, Coimbatore
	29.09.2019	Dr.N.Gunavathy	Stereochemistry	Swayam NPTEL
4	04.11.2019	Dr.N.Gunavathy	(Workshop)	UGC- Human Resource

	to 10.12.19		MOOCs, E Content Development and Open Educational Resources	Development at Bharathiar University
5	01.09.2019 to 31.12.2019  (16.02.20)	Dr.N.Gunavathy Dr.P.Kalaivani Dr.C.Subha	(ARPIT) Online Refresher Course in Chemistry for Higher Education Faculty	AICTE SWAYAM MHRD UGC
6	30.10.19	Dr.N.Gunavathy Dr.P.Kalaivani Dr.C.Subha Dr.S.Kulandai Therese Dr.P.Dhivya Dr.K.Anbarasi Mrs.J.Johny Caroline Mrs.P.Anitha Christy Mrs.S.Valli	Innovative Teaching Strategies	Curriculum Development Cell Nirmala college for Women, Coimbatore

### Participation Of The Faculty In Seminars, Conferences & Workshops

S. No	Date	Name of the faculty	Title of the Seminar Conference Workshop etc	Organizing Committee & Venue
1	03.05.19	Dr.N.Gunavathy Sr.Dr.S.Kulandai Therese	Emerging Trends in Science and Social Science	VHN SenthilkumaraNadarC ollege, Virudhunagar India and Institute for Integrated Regenerative Medicine Kuala Lumpur, Malaysia
2	08.06.19	Dr.N.Gunavathy, Dr.K.Anbarasi	Sensitization Program on Fourier Transform Infrared Spectroscopy and Electrochemical Studies	Nanotech Research, Innovation and Incubation Centre, PSG Institute of Advanced Studies - Peelamedu Coimbatore
3	20.07.19	Dr.C.Subha & Snowbi Saji	TNSCST Project Report	Kalasalingam University
4	14.08.19	Ms.J.Johny Caroline & Dr.P.Dhivya	Computational Chemistry	Workshop Department of Chemistry, Sri Ramakrishna

				College of Arts & Science, Coimbatore
5	19.08.19	Dr.N.Gunavathy	Emerging Technologies that Transform Life Sciences	Symposium Department of Zoology, Nirmala College for Women, Coimbatore
6	28.08.19	Dr.C.Subha, Mrs.J.Johnny Caroline	Phytochemistry and Nanochemistry	Training Program organized by CBNR, Echanari, Coimbatore
7	16.09.19	Sr. Dr.S.Kulandai Therese	Drug designing and Molecular Docking	Workshop Department of Zoology, Nirmala College for Women, Coimbatore
8	26.09.19	Dr.N.Gunavathy	Emerging Trends – Shaping the Future of Indian Business.	Department of B Com (PA), Commerce(CA), and PG Department of Commerce, Nirmala College for Women Coimbatore – 18.
9	27.09.19	Dr.N.Gunavathy Dr.Sr.S.Kulandai Therese	REACTANTZ'19 Workshop on Identification and Control of CBRN Hazards in Work Place (Chemical, Biological, Radiological & Nuclear) & Hands on Training on Fire and Safety	Department of Chemical Engineering, CIT, Coimbatore
10	02.11.19	Dr.N.Gunavathy & Mrs.J. Johnny Caroline	Rain Water Harvesting and Water Management in Developing Cities	Workshop Department of Chemistry CBM College Coimbatore City Corporation
11	13.12.19	Dr.C.Subha	3 <sup>rd</sup> International Conference-RESE 2019	Dr.NGM Engineering and Technology Pollachi
12	09.01.20	Dr.N.Gunavathy Dr.P.Kalaivani Dr.P.Dhivya	Quality Sustenance and Enhancement Prospects for	IQAC, Nirmala College for Women, Coimbatore

			Attaining Global Standards	
13	11.01.20	Dr.N.Gunavathy & Dr.P.Kalaivani	Exploration of Research Innovations: its Trends and Challenges	ICSSR sponsored National Level Symposium , Department of Library, Nirmala College for Women, Coimbatore
14	22.01.20	Dr.N.Gunavathy Dr.Sr.S.Kulandai Therese Dr.P.Dhivya Mrs.J.Johny Caroline	Contemporary Innovative Developments in Applied Biology	E- conference Department of Botany & Bioinformatics, Nirmala College for Women, Coimbatore
15	12.02.20	Dr.P.Dhivya	Training and Project Awareness Programme - MANAV	DBT Govt of India and IISER Pune funded Nirmala College for Women

**Books Published**  
**Books Published By The Faculty**

S. No	Year	Name of the faculty	Name of the Book	IBBN/ISSN
1	June 2019	Dr.N.Gunavathy	Laboratory Manual for Allied Chemistry Practical	ISBN 978-81-941762-0-6
2	June 2019	Dr.N.Gunavathy Mrs.Kavitha Venugopal	A Hand Book to Molecular Visualization	ISBN 978-81-939032-9-2
3	24.09.19	Dr.C.Subha	Semi Micro Qualitative Analysis on Salt Mixture	-
4	Nov 2019	Dr.N.Gunavathy	Corrosion Chemistry (An Introduction to Basic Concepts of Corrosion )	ISBN 978-81-941762-2-0
5	Nov 2019	Dr.N.Gunavathy	Chemistry of Prodrugs	ISBN 978-81-941762-3-7
6.	10.02.20	Department of Chemistry (Editor:Dr.N.Gunavathy)	Abstracts CHCS 2020 (One day International Seminar on Contemporary Horizons in Chemical Sciences)	ISBN 978-81-941762-8-2

**Publication By The Faculty In Journals/Proceedings**

S. No	Year	Name of the faculty	Topic	Name of the Journal	Vol No, Issue No,	IF	Indexing
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					<b>Pg No with ISSN</b>		<b>Details</b>
1	April 2019	Dr.N.Gunavathy Kavitha.V	Phytochemical Screening, Weightloss Measurement, Surface Examination and Quantum Chemical Analysis of <i>Phaseolus Vulgaris</i> Seed Extract as Green Corrosion Inhibitor for Mild Steel in 1N HCl Medium.	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 5, Issue 1, Page 472 – 476,	5.834	UGC DOI Google Scholar Index copernicus
2	May 2019	Dr.N.Gunavathy Stella Roseline Dr.S.C.Murugavel	Characterization of Lead Oxide (PbO) Nanoparticle Synthesized Using <i>Musa Acuminata</i> Peel Extract and Its Antimicrobial Activity.	Proceedings of International Conference on Emerging Trends in Science and Social Science Organised by VHN Senthilkumara Nadar College, Virudhunagar India and Institute for integrated Regenerative Medicine Kuala Lumpur, Malaysia	ISBN: 978-93-81723-95-1, Page 32	-	-
3	May 2019	Sr. Dr.S.Kulandai Therese Dr. P Dhivya	“Design and Synthesis of Novel Chalcone Derivatives and Evaluation of their Pharmacological Activities”.		ISBN: 978-93-81723-95-1, Page 46	-	-
4	May 2019	Dr.Gunavathy. N Kavitha.V	Phytochemical Screening, GCMS Analysis and Antibacterial		ISBN: 978-93-81723-95-1, Page 38	-	-

			Activity of <i>Phaseolus Lunatus</i> Seeds Extract.				
5	May 2019	Dr.N.Gunavathy Kavitha.V	Seed Extract of <i>Lablab Purpureus</i> as Green Corrosion Inhibitor for Mild Steel in 1N Hydrochloric Acid Medium: An Experimental and Computational Investigations.	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6, Issue 5, Page 64 - 72	5.87	Google scholar, Copernicus
6	July 2019	Dr.N.Gunavathy Agnes Metilda.A	Ecofriendly Biosynthesis of Metallic Nanoparticle using Plant Extract and its Antimicrobial Properties	Proceedings of National Seminar on Advanced Materials for Energy, Environment and Medicinal Applications. PG Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore.	ISSN 978-9-87009-56-1. Page 91 – 98	-	-
7	August 2019	Dr.P.Kalaivani	One Pot Synthesis of New Water Soluble Binuclear Octahedral Ni (II) and Mono Nuclear Ru (II)	Journal of Chemical Sciences,	2019,131: 81, IF:1.496, ISSN No: 0974-3626, Page 1 - 13.	1.496	Royal Society of Chemistry



			Carbonyl Complexes Containing 2,6 Pyridine Dicarboxylic Acid.				
8	September 2019	Dr.N.Gunavathy Dr.S.C.Murugavel	<i>Musa Acuminata</i> as Commercial Green Corrosion Inhibitor for Economical Loss due to Corrosion of Materials.	Intercontinental Journal of Finance Research Review.	ISSN:221-0354 – Online - ISSN:2347-1654 – Print Volume 7, Issue 9, Special Edition II Page 370 – 375	6.312	ABI/INFORM, Complete base, CNKI scholar Google scholar
9	July 2019	Dr. P.Dhivya	Phytochemical Investigation And Pharmacological Screening of Leaf Extract of <i>Adhatoda Vasica</i>	Proceedings of National Seminar on Advanced Materials for Energy, Environment and Medicinal Applications. PG Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore.	ISSN 978-9-87009-56-1.	-	-
10	July 2019	P.AnithaChristy	Phytochemical Screening, FTIR Analysis, Antibacterial Activity of <i>Cardiospermum Halicacabum</i>	Proceedings of National Seminar on Advanced Materials for Energy, Environment and Medicinal Applications. PG	ISSN 978-9-87009-56-1. Page: 180-184	-	-

				Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore.			
11	July 2019	Dr. C. Subha	Synthesis and Characterization of Polymer Metal Complex Using Oxadiazole Polyester As Ligand;	Proceedings of National Seminar on Advanced Materials for Energy, Environment and Medicinal Applications. PG Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore.	ISSN 978-9-87009-56-1. Page: 37	-	-
12	October 2019	Dr. P. Dhivya	Chemo-divergent Synthesis of Polyhydroquinones using Retrievable Nickel (II) Exchanged Zeolite Nanoparticles as Catalyst and their Pharmacological Screening.	Research Journal of Chemistry and Environment. (2019),	Vol 23(10):132-138.	-	-
13	Nov 2019	Dr.N.Gunavathy Aruna	Green Synthesis and Characterization of Lead Oxide (PbO) Nanoparticle	Proceedings of NARC'29.	Page-552 (ISBN-978-93-5391-196-6)	-	-

			using <i>Phyllanthus acidus</i> Leaf Extract				
14	Nov 2019	Dr.N.Gunavath y L.Saraswathi	InCl <sub>3</sub> – Catalyst One Pot Approach for the Synthesis of Spiro Benzoxazino Oxindole Derivatives,	Proceedings of NARC'19	Page-547, (ISBN- 978-93- 5391- 196-6)	-	-
15	Nov 2019	Dr.N.Gunavath y Kavitha.A	GCMS Analysis and Molecular Docking Studies on Phytochemicals of <i>Phaseolus lunatus</i> Seed Extract in Methanol to Control <i>Klebsiella pneumonia</i> Infection	Proceedings of NARC'19.	Page-542, (ISBN- 978-93- 5391- 196-6)	-	-
16	Nov 2019	Dr.N.Gunavath y A.Agnes Metillda	Eco Friendly Synthesis of Silver Nanoarticle using <i>Musa acuminate</i> Floweret Extract and its Antimicrobial Properties,	Proceedings of NARC'19.	Page-419 (ISBN- 978-93- 5391- 196-6)	-	-
17	Nov 2019	Dr. N. Gunavathy Gladiya Rani.S	Plant Extract as Corrosion Inhibitor of Mild Steel in 1N H <sub>2</sub> SO <sub>4</sub> Solution	Proceedings of NARC'19.	Page-349 (ISBN- 978-93- 5391- 196-6)	-	-
18	Nov 2019	Dr.P. Kalavani	Synthesis, Spectral characterization and binding	Proceedings of NARC'19.	page-355 (ISBN- 978-93- 5391-	-	-

			interactions of Ru(III)/ Fe(II) Cyclopentadienyl complexes containing acetylferrocene-4-(N)-substituted thiosemicarbazones		196-6)		
19	Nov 2019	Dr.P. Kalaivani	Cation Sensing of Schiff Base using absorbance and fluorescent method	Proceedings of NARC'19.	,page-424 (ISBN-978-93-5391-196-6)	-	-
20	Nov 2019	Dr.P. Kalaivani	Synthesis, Characterization and Sensing behavior of Schiff Base,	Proceedings of NARC'19.	page-428 (ISBN-978-93-5391-196-6)	-	-
21	Nov 2019	Dr.P. Kalaivani	Selective detection of $cu^{2+}$ ion by using Schiff base derived from 2-hydroxy 4(N,N)diethylaminobenzaldehyde	Proceedings of NARC'19.	,page-432 (ISBN-978-93-5391-196-6)	-	-
22	Nov 2019	Dr.C. Subha	Synthesis and spectral analysis of monomer containing cinnamaldehyde and oxadiazole	Proceedings of NARC'19.	page-436 (ISBN-978-93-5391-196-6)	-	-
23	Nov 2019	Dr.C. Subha	Synthesis and characterization of monomers containing furfuraldehyde	Proceedings of NARC'19.	page-378 (ISBN-978-93-5391-196-6)	-	-
24	Nov 2019	Dr.C. Subha	Synthesis and characterization of monomers	Proceedings of NARC'19.	page-376 (ISBN-978-93-	-	-

			containing benzaldehyde		5391-196-6)		
25	Nov 2019	Dr.C. Subha	Photocatalytic Degradation of Industrial dye Using zinc oxide,	Proceedings of NARC'19.	page-524 (ISBN-978-93-5391-196-6)	-	-
26	Nov 2019	Dr.C. Subha	Corrosion inhibitive properties of 2,5-substituted 1-oxa3,4-diazole derivatives on corrosion of Aluminium in 1M HCl medium	Proceedings of NARC'19.	page-527 (ISBN-978-93-5391-196-6)	-	-
27	Nov 2019	Dr.C. Subha	Synthesis and characterization of polyester from 2-amino-5-hydroxy phenyl-1,3,4-oxadiazole monomer	Proceedings of NARC'19.	page-561 (ISBN-978-93-5391-196-6)	-	-
28	Nov 2019	Dr.Kulandai Therese S	Phytochemical screening of <i>Solanum elaeagnifolium</i> fruit extract	Proceedings of NARC'19.	,page-496 (ISBN-978-93-5391-196-6)	-	-
29	Nov 2019	Dr.Kulandai Therese S	Phytochemical analysis of <i>Bryophyllum pinnatum</i> leaves	Proceedings of NARC'19.	,page-469 (ISBN-978-93-5391-196-6)	-	-
30	Nov 2019	Dr.Kulandai Therese S	Preliminary phytochemical analysis of <i>Lantana camara</i> flower Extract	Proceedings of NARC'19.	page-463 (ISBN-978-93-5391-196-6)	-	-
31	Nov 2019	Dr.Kulandai Therese S	Synthesis, characterization and spectroscopic	Proceedings of NARC'19.	,page-459 (ISBN-978-93-5391-	-	-

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33	Nov 2019	Dr. P. Dhivya	Biosynthesis of copper nanoparticles and Evaluation of its Catalytic efficiency against Biginelli reaction	Proceedings of NARC'19.	page-320 (ISBN-978-93-5391-196-6)	-	-
34	Nov 2019	Dr. P. Dhivya	Synthesis of Bioplastic from the Agro based products	Proceedings of NARC'19.	,page-324 (ISBN-978-93-5391-196-6)	-	-
35	Nov 2019	Dr. P. Dhivya	Plant mediated Synthesis of Zinc oxide nanoparticles and Evaluation of their therapeutic significance	Proceedings of NARC'19.	,page-337 (ISBN-978-93-5391-196-6)	-	-
36	Nov 2019	Dr. P. Dhivya	Facile one-pot four component synthesis of bioactive pyranopyrazoles using citric acid as a mild organocatalyst	Proceedings of NARC'19.	,page-359 (ISBN-978-93-5391-196-6)	-	-
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	2019		study on one-pot synthesis of coumarin derivative via Pechmann condensation under solvent-free conditions,	NARC'19.	(ISBN-978-93-5391-196-6)		
	Nov 2019	Dr. P. Dhivya	Preparation of cuprammonium biodegradable rayon fiber from different paper using Schweitzer's solution	Proceedings of NARC'19.	page-439 (ISBN-978-93-5391-196-6)	-	-
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39	Nov 2019	Dr. P. Dhivya	Antimicrobial and antioxidant activity of coconut oil enriched with <i>Curcuma longa</i>	Proceedings of NARC'19.	,page-511 (ISBN-978-93-5391-196-6)	-	-
40	Nov 2019	Dr. P. Dhivya	Synthesis of styryl bridged heterocyclic moieties	Proceedings of NARC'19.	page-521 (ISBN-978-93-5391-196-6)	-	-
41	Nov 2019	Dr. P. Dhivya	Synthesis of Novel Coumarin fused Quinoline hybrid moieties	Proceedings of NARC'19.	page-538 (ISBN-978-93-5391-196-6)	-	-
42	Nov 2019	Dr. Anbarasi.K	Anti-fungal assay of <i>Theobroma cacao</i> leaves	Proceedings of NARC'19.	,page-454 (ISBN-978-93-5391-	-	-

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	Nov 2019	Dr. Anbarasi.K	Studies on efficiency of <i>Annona 24chiff24r24e</i> on metal corrosion inhibition	Proceedings of NARC'19.	page-490 (ISBN-978-93-5391-196-6)	-	-
44	Nov 2019	Dr. Anbarasi.K	Preliminary phytochemical screening and antibacterial activity of natural plant extract	Proceedings of NARC'19.	,page-502 (ISBN-978-93-5391-196-6)	-	-
45	Nov 2019	Dr. Anbarasi.K	Evaluation of bio active chemical constituents and antimicrobial activity of <i>senna auriculata</i>	Proceedings of NARC'19.	,page-507 (ISBN-978-93-5391-196-6)	-	-
46	Nov 2019	S. Valli, Dr.Anbarasi.K	Studies on bioactive constituents and anti microbial activities of <i>Cucurbita maxima</i>	Proceedings of NARC'19.	,page-514 (ISBN-978-93-5391-196-6)	-	-
47	Nov 2019	Dr. Anbarasi.K	Qualitative phytochemical screening and pharmacological study of <i>morinda citrifolia</i>	Proceedings of NARC'19.	page-518 (ISBN-978-93-5391-196-6)	-	-
48	Nov 2019	Dr.K. Anbarasi	Anti corrosion 24chiff24r of	Proceedings of NARC'19.	page-365 (ISBN-	-	-



			Garcinia Mangostana in acid medium		978-93-5391-196-6)		
49	Nov 2019	Mrs.J.Johnny Caroline	Synthesis, characterization and preliminary <i>in vitro</i> Antimicrobial Screening Activity of 2N-benzidene-5-(p-nitrophenyl)-1,3,4-thiadiazole	Proceedings of NARC'19.	page-315 (ISBN-978-93-5391-196-6)	-	-
50	Nov 2019	Mrs.J.Johnny Caroline	Synthesis, characterization of novel Schiff's Base – ligand	Proceedings of NARC'19.	,page-327 (ISBN-978-93-5391-196-6)	-	-
51	Nov 2019	Mrs.J.Johnny Caroline	Synthesis and characterization of Chitosan Copper (II) complex,	Proceedings of NARC'19.	page-342 (ISBN-978-93-5391-196-6)	-	-
52	Nov 2019	Mrs.J.Johnny Caroline	An effective investigation on the quality standards of Good life milk	Proceedings of NARC'19.	page-362 (ISBN-978-93-5391-196-6)	-	-
53	Nov 2019	Mrs.J.Johnny Caroline	Phytochemical analysis of aqueous and ethanol extract of Clitoria Ternatea	Proceedings of NARC'19.	,page-368 (ISBN-978-93-5391-196-6)	-	-
54	Nov 2019	Mrs.J.Johnny Caroline	Phytochemical screening and antibacterial Studies of Ethanolic and Ethyacetate extract of Datura metel linn,	Proceedings of NARC'19.	page-447 (ISBN-978-93-5391-196-6)	-	-
55	Nov 2019	Mrs.J.Johnny Caroline	Synthesis and characterization	Proceedings of NARC'19.	,page-494 (ISBN-	-	-

			of salicylaldehyde benzoyl hydrazone		978-93-5391-196-6)		
56	Nov 2019	Mrs.J.Johny Caroline	Evaluation of synthesis, phytochemical screening and biological activities of leaves extract of <i>Achyranthes Aspera</i>	Proceedings of NARC'19.	,page-557 (ISBN-978-93-5391-196-6)	-	-
57	Nov 2019	Mrs.P.Anitha Christy	Antimicrobial and phytochemical screening of ethanolic extract of <i>alangium salvifolium</i>	Proceedings of NARC'19.	page-415 (ISBN-978-93-5391-196-6)	-	-
58	Nov 2019	Mrs.P.Anitha Christy	Evaluation of Antimicrobial activity of <i>Mirabilis jalapa linn</i>	Proceedings of NARC'19.	,page-411 (ISBN-978-93-5391-196-6)	-	-
59	Nov 2019	Mrs.P.Anitha Christy	Phytochemical investigation and anti-microbial activity of ethyl acetate extract of <i>Tephrosia purpurea</i>	Proceedings of NARC'19.	,page-407 (ISBN-978-93-5391-196-6)	-	-
60	Nov 2019	Mrs.P.Anitha Christy	Preliminary phytochemical screening and antimicrobial assay of the extract of <i>Tribulus Terrestris</i>	Proceedings of NARC'19.	,page-402 (ISBN-978-93-5391-196-6)	-	-
61	Nov 2019	Mrs.P.Anitha Christy	Synthesis and characterization of 26chiff bases derived from p-	Proceedings of NARC'19.	page-398 (ISBN-978-93-5391-	-	-

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62	Nov 2019	Mrs.P.Anitha Christy	Effect of phytochemical constituents of <i>Achyranthes Aspera linn</i> leaf and stem extracts in anti-microbial activity	Proceedings of NARC'19.	,page-394 (ISBN-978-93-5391-196-6)	-	-
63	Nov 2019	Mrs.P.Anitha Christy	Evaluation of phytochemical and antibacterial activity of <i>myristicaceae</i> family spice and <i>piperaceae</i> family spice	Proceedings of NARC'19.	,page-382 (ISBN-978-93-5391-196-6)	-	-
64	Nov 2019	Mrs.P.Anitha Christy	Analysis of phytoconstituents and comparative antibacterial study of <i>pongamia pinnata</i> and <i>strychnos nux vomica</i> plant extracts	Proceedings of NARC'19.	,page-386 (ISBN-978-93-5391-196-6)	-	-
65	Nov 2019	Mrs.P.Anitha Christy	Green synthesis silver nano particles using <i>Kigelia Pinnata</i> and its FTIR analysis	Proceedings of NARC'19.	,page-390 (ISBN-978-93-5391-196-6)	-	-
66	Nov 2019	Mrs.S.Valli	Synthesis, spectral and thermal stabilization of crystals of Phenyltrimethyl ammonium	Proceedings of NARC'19.	,page-534 (ISBN-978-93-5391-196-6)	-	-

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67	Nov 2019	Ms.J.Jhoncycaroline	An efficient synthesis of heterocyclic compounds and its antimicrobial activity,	Journal for Innovative development in pharmaceutical and technical science,	Volume 2; Issue 11, 2019. ISSN: 2581-6934,	Impact factor: 4.45	Google scholar
68	Dec 2019	K.Anbarasi,	Isolation of flavonoids from <i>Crotalaria grahamiana</i> leaves extract,	International Journal of Chemical Research and Development,	Volume 1; Issue 1; 2019; Page No. 23-25, Online ISSN: 2664-6560; Print ISSN: 2664-6552.	-	Google scholar, Research gate
69	Dec 2019	Dr.C.Subha	Application of poly amides containing oxadiazole moiety as corrosion inhibitor on aluminium in acid solution	International conference – RESE 2019		-	-
70	Jan 2020	Dr.N.Gunavathy	Gender Influence on emotional intelligence and academic achievement of students in higher educational institutions,	NAAC sponsored National Semibnar on Quality Sustenance and Enhancement: Prospects for attaining Global standars	page 67-74. ISBN: 978-93-5391-892-7	-	-
71	Jan 2020	Dr.P.Kalaivani	Effective teaching strategies in united kingdom,	NAAC sponsored National Seminar on Quality	page 29-34, ISBN: 978-93-5391-	-	-

				Sustenance and Enhancement: Prospects for attaining Global standard	892-7		
72	Jan 2020	Dr.P.Kalaivani	A pedagogy model for improving the quality of honours project in biomedical sciences	NAAC sponsored National Seminar on Quality Sustenance and Enhancement: Prospects for attaining Global standard	page -38-45, ISBN: 978-93-5391-892-7	-	-
73	Jan 2020	Dr.P.Dhivya	Exploring chemistry through visuo spatial techniques	NAAC sponsored National Seminar on Quality Sustenance and Enhancement: Prospects for attaining Global standard	ISBN: 978-93-5391-892-7	-	-

### Paper / Poster Presentation By The Faculty

S No	Date	Name of the faculty	Topic	Category	Organizing Committee
1	03.05.19 & 04.05.19	Dr.N.Gunavathy Stella Roseline.V and Murugavel.S.C	Characterization of Lead Oxide (PbO) Nanoparticle Synthesized Using <i>Musa Acuminata</i> Peel Extract and Its Antimicrobial Activity.	International Conference	VHN SenthilkumaraNadarCollege, Virudhunagar India and Institute for integrated Regenerative Medicine Kuala Lumpur, Malaysia
2	03.05.19 & 04.05.19	Sr.Dr.S.Kulandai Therese	“Design and Synthesis of Novel Chalcone Derivatives and Evaluation of their Pharmacological	International Conference	VHN Senthilkumara Nadar College, Virudhun

			Activities". Proceedings of International Conference on Emerging Trends in Science and Social Science.		agar India and Institute for integrated Regenerative Medicine Kuala Lumpur, Malaysia
3	03.05.19 & 04.05.19	Dr.Gunavathy.N Kavitha.V	Phytochemical Screening, GCMS Analysis and Antibacterial Activity of <i>Phaseolus Lunatus</i> Seeds Extract. Proceedings of International Conference on Emerging Trends in Science and Social Science.	International Conference	VHN Senthilkumara Nadar College, Virudhun agar India and Institute for integrated Regenerative Medicine Kuala Lumpur, Malaysia
4	19.09.19 & 20.09.19	Dr.N.Gunavathy Gladiya Rani.S	Natural corrosion inhibition by plant extract on mild steel	International Conference	Department of chemistry, Kongunadu college of arts and science, Coimbatore
5	19.09.19 & 20.09.19	Dr.N.Gunavathy A.Agnes Metillda	Green synthesis of silver nanoparticle and its antimicrobial properties	International Conference	Department of chemistry, Kongunadu college of arts and science, Coimbatore
6	19.09.19 & 20.09.19	Dr.N.Gunavathy Vayolashalini. A	Synthesis of silver nanoparticles from the seed extract of fabaceae plant and their pharmacological activity	International Conference	Department of chemistry, Kongunadu college of arts and science, Coimbatore
7	19.09.19 & 20.09.19	Dr.N.Gunavathy Kavitha. V	Quantum chemical studies on the corrosion inhibition effect of phytochemical of <i>phaseoluslunatus</i> on mild steel	International Conference	Department of chemistry, Kongunadu college of arts and science, Coimbatore
8	26.09.19	Dr.N.Gunavathy Dr.S.C.Murugavel	<i>Musa Acuminata</i> as Commerical Green	National	Department of Commerce (CA),

			Corrosion Inhibitor for Economical Loss Due to Corrosion of Materials		Commerce (PA), PG Dept of Commerce Nirmala College for Women
9	Nov 2019	Dr.N.Gunavathy G.Aruna	Green Synthesis and Characterization of Lead Oxide (PbO) Nanoparticle using <i>Phyllanthusacidus</i> Leaf Extract	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
10	Nov 2019	Dr.N.Gunavathy L.Saraswathi	Incl <sub>3</sub> – Catalyst One Pot Approach for the Synthesis of Spiro Benzoxazino Oxindole Derivatives, Page-547, (ISBN-978-93-5391-196-6)	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
11	Nov 2019	Dr.N.Gunavathy Kavitha.A	GCMS Analysis and Molecular Docking Studies on Phytochemicals of <i>Phaseolus lunatus</i> Seed Extract in Methanol to Control <i>Klebsiella pneumonia</i> Infection, Page-542, (ISBN-978-93-5391-196-6)	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
12	Nov 2019	Dr.N.Gunavathy A.Agnes Metillda	Eco Friendly Synthesis of Silver Nanoarticle using <i>Musa acuminata</i> Floweret Extract and its Antimicrobial Properties,	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
13	Nov 2019	Dr.N.Gunavathy Gladiya Rani.S	Plant Extract as Corrosion Inhibitor of Mild Steel in 1N H <sub>2</sub> SO <sub>4</sub> Solution.	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
14	Nov 2019	Dr.P. Kalaivani	Synthesis, Spectral characterization and binding interactions of Ru(III)/ Fe(II)	National	Nirmala Annual Research Congress IQAC, Nirmala

			Cyclopentadienyl complexes containing acetylferrocene-4-( <i>N</i> )-substituted thiosemicarbazones.		College for Women
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			of natural plant extract.		IQAC, Nirmala College for Women
44		Dr. Anbarasi.K	Evaluation of bio active chemical constituents and antimicrobial activity of <i>senna auriculata</i> .	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
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59	Nov 2019	Mrs.P.Anitha Christy	Preliminary phytochemical screening and antimicrobial assay of the extract of <i>Tribulus Terrestris</i> .	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
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64	Nov 2019	Mrs.P.Anitha Christy	Green synthesis silver nano particles using <i>Kigelia Pinnata</i> and its FTIR analysis.	National	Nirmala Annual Research Congress IQAC, Nirmala College for Women
65	Nov 2019	Mrs.S.Valli	Synthesis, spectral and thermal stabilization of	National	Nirmala Annual Research

			crystals of Phenyltrimethylammonium Tetrabromo Cadmate (II).		Congress IQAC, Nirmala College for Women
66	Nov 2019	Mrs.P.Anitha Christy	Synthesis of Novel Coumarin fused Quinoline Hybrid Moieties	NAAC Sponsored National	Nirmala Annual Research Congress IQAC, Nirmala College
67	09.01.20 & 10.01.20	Mrs.P.Anitha Christy	Gender Influence on Emotional Intelligence and Academic Achievement of Students in Higher Educational Institutions	NAAC Sponsored National	IQAC Nirmala College for Women, Coimbatore
68	09.01.20 & 10.01.20	Dr.P.Dhivya	Exploring Chemistry Through Visuospatial Techniques – A Review	NAAC Sponsored National	IQAC Nirmala College for Women, Coimbatore
69	09.01.20 & 10.01.20	M.Sindhu P.Kalaivani	Effective Teaching Strategies in United Kingdom	NAAC Sponsored National	IQAC Nirmala College for Women, Coimbatore
70	09.01.20 & 10.01.20	Dr.Poornima Paramasivan Dr.Kalaivani Palaniappan	A Pedagogy Model for Improving the Quality of Honours Project in Biomedical Sciences	NAAC Sponsored National	IQAC Nirmala College for Women, Coimbatore
71	30.01.20	Dr.N.Gunavathy V.Stella Roseline Dr.S.C.Murugavel	Green synthesis of Lead Oxide PbO Nanoparticle using <i>Musa Acuminata</i> peel Extract	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
72	30.01.20	Dr.N.Gunavathy Gladiyarani. S	Inhibitive Properties of Plant Extract on Mild Steel Corrosion in 1N HCL Solution	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
73	30.01.20	Dr.N.Gunavathy Kavitha. V	Insilico Screening on Phytochemicals of <i>Phaseolus lunatus</i> Seed to Control <i>Klebsiella pneumoniae</i> Infections	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
74	30.01.20	Dr.N.Gunavathy Vayolashalini. A	Green Synthesis of Silver Nanoparticles using Seed Extract Of <i>Caesalpinia</i>	TNSCST Sponsored National	Sri Ramakrishna College of Arts and Science

			<i>Bonducella</i> Plant and their Pharmacological Activity	Conference	
75	30.01.20	Dr.N.Gunavathy Agnes Mettilda. A	Characterization and Antimicrobial Study of Green Synthesised Silver Nanoparticle	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
76	30.01.20	Dr. Sr. Kulandai Therese & Shalini.S	Green Synthesis and Characterization of Copper Nanoparticles from the Leaf Extract of <i>Vernonia Cinerea</i>	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
77	30.01.20	Mrs. P. Anitha Christy & Angel Infanta. M	Characterization of Antibacterial Activity and GC-MS Analysis of <i>Myristicaceae</i> Family Spice	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
78	30.01.20	Mrs. P. Anitha Christy Hari Gayathri. L	Phytochemical Screening of Ethanolic Extract of <i>Kigellia Africana</i> & Its FTIR Analysis	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
79	30.01.20	Mrs. P. Anitha Christy Hari Gayathri. L	Identification of Phytochemical Constituents in Ethanolic Extract of <i>Kigellia Africana</i> flower through FTIR and GC- MS Analysis	TNSCST Sponsored National Conference	Sri Ramakrishna College of Arts and Science
80	10.02.20	Dr.N.Gunavathy Dr.S.C.Murugavel	<i>Musa Acuminata</i> peel extract as Commerical Green Corrosion Inhibitor for protection of materials	International Seminar	Department of Chemistry, Nirmala College for Women
81	10.02.20	Dr.N.Gunavathy Saraswathi.L	Facile and an Efficient one Pot approach for the Synthesis of Spiro Benzoxazino Oxidndole Derivatives Using $\text{InCl}_3$ as Catalyst	International Seminar	Department of Chemistry Nirmala College for Women

### Achievements And Awards – Faculty



<b>Year of award</b>	<b>Name of full time teachers receiving awards from State level, National level, International level</b>	<b>Designation</b>	<b>Name of the award, fellowship, received from Government or recognized bodies</b>
2019	Dr.N.Gunavathy	Assistant Professor & Head	Best Paper Presenter Award from V.H.N SenthikumaraNadar College(Autonomous),Virudhunagar, India and Institute for Integrated Regenerative Medicine, Malaysia
2019	Dr.N.Gunavathy	Assistant Professor & Head	1. Research Excellence Award 2019 2. Recognized as Professional Member 3. Recognized as Reviewer for InSc Journal International Journal of Basic and Applied Sciences organized by the Institute of scholars
28.01.20	Dr.N.Gunavathy	Assistant Professor & Head	ArungkaviArasi by VasanthaVasalkaviMandarm
Achievements			
2019	Dr.N.Gunavathy Dr.K.Anbarasi	Assistant Professor & Head  Assistant Professor	Received Certificate for Women Rights Pledge from National Commission for Women, India
12.08.19	Dr.N.Gunavathy (Scored 80%) Dr.K.Anbarasi (Scored 70%)	Assistant Professor & Head  Assistant Professor	Received Certificate for Space Quiz organized by MyGOV& ISRO
30.08.19	Dr.N.Gunavathy (Scored 83%) Dr.P.Kalaivani	Assistant Professor & Head  Assistant Professor	Received Certificate for Quiz on How Much do you Know About the Olympics of Skills and the World Skill Competition Organized by MyGov& NSDC on behalf of Ministry of Skill Development and Entrepreneurship

31.08.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Quiz on Moniya Se Mahatma Tak organized by MyGov& Gandhi Smriti&DarshanSamiti
01.09.19	Dr.N.Gunavathy (Scored 80%) Dr.P.Kalaivani	Assistant Professor & Head Assistant Professor	Received Certificate for Entrepreneurship Quiz organized By MyGov& Ministry of Skill Development and Entrepreneurship
14.10.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for ParyatanParv 2019 Quiz (55%) organized by Ministry of Tourism &MyGov
10.11.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Science Quiz (93.33%) organized by MyGov& Department of Science and Technology, Indian International Festival, VigyanPrasar
10.11.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Decipher North East Quiz (50%) organized by MyGov& North Eastern Council Ministry of DoNER
26.11.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Constitution Quiz organized by MyGov, Dept of Justice Ministry of law and Justice, Govt.of India
12.12.19	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Eat Right Quiz organized by MyGov. FSSAI. Eat Right India
02.01.20	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Know your Forces Quiz organized by MyGov and Ministry of Defence
02.01.20	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Ek Bharat Shreshtha Bharat Quiz organized MyGov& Incredible India & Ministry of Tourism, Govtof India
02.01.20	Dr.N.Gunavathy	Assistant Professor & Head	Received Certificate for Quiz on Consumer Protection Act from MyGov& Ministry of Consumer Affairs Food and Public Distribution, Govt of India

21.02.2020	Dr.N.Gunavathy Mrs.S.Valli	Assistant Professor and Head Assistant Professor	Ist Place 2 <sup>nd</sup> Place For Throwball Competition Department of Physical Education 69 <sup>th</sup> Sports Day
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### Other Academic Contributions – Faculty

S. No	Date	Name of the Faculty	Nature of Work	Institution
1	10.05.19	Dr.K.Anbarasi	External Examiner for UG Central Paper Valuation	Bharathiar University, Coimbatore
2	10.05.19	Dr.C.Subha	External examiner for UG Central Paper Valuation	Bharathiar University, Coimbatore
3	13.05.19	Dr.C.Subha	External examiner for UG Paper Valuation	PSG College of Arts and Science, Coimbatore
4	19.05.19	Dr.N.Gunavathy	Presiding Officer	TN Constitution Bye Election, Kulathupalayam, Sulur, Coimbatore
5	13.06.19	Dr.K.Anbarasi	Journal Reviewer	Asian Journal of Applied Chemistry Research
6	20.06.19	Dr.N.Gunavathy Dr.Sr.S.Kulanda i Therese P.Anitha Christy S.Valli	Resource Person Chemistry Practical Demonstration	75 Higher Secondary School Teachers of Coimbatore and Pollachi District
7	21.06.19	Dr.C.Subha	Resource person Topic: Solid state	District Institute of Education and Training (DIET), Coimbatore
8	21.06.19	Dr.K.Anbarasi	Resource person Topic: Chemical Kinetics	District Institute of Education and Training (DIET), Coimbatore
9	21.06.19	Dr.P.Dhivya	Resource person Topic: Coordination Chemistry	District Institute of Education and Training (DIET), Coimbatore

10	26.06.19	Dr.K.Anbarasi	Journal Reviewer	European Journal of Medicinal Plants
11	27.06.19	Dr.P.Kalaivani	Journal Reviewer	Applied Organometallic Chemistry
12	03.07.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Geography, Environment and Earth Science International
13	19.07.19	Dr.K.Anbarasi	Journal Reviewer	Current journal of Applied Science and Technology
14	20.07.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Pharmaceutical Research International
15	20.07.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Advances in Biology & Biotechnology
16	20.07.19	Dr.K.Anbarasi	Journal Reviewer	Current Journal of Applied Science and Technology
17	23.07.19	Dr.N.Gunavathy	Chief Guest	Orientation Programme to YRC Volunteers Nirmala College for Women Topic: EMPOWER HER- Role of Youth Red Cross in Inspiring Young Girls to Lead Change
18	01.08.19	Dr.N.Gunavathy	Chief Guest	Inaugural function of School Clubs- NirmalaMatha Convent Matric Higher Sec.School, Vellalore,Coimbatore
19	08.08.19	Dr.K.Anbarasi	Journal Reviewer	Asian Journal of Research in Botany
20	08.08.19	Dr.K.Anbarasi	Journal Reviewer	AnnualResearch&Review in Biology
21	08.08.19	Dr.K.Anbarasi	Journal Reviewer	Chemical Science International Journal
22	15.08.19	Dr.K.Anbarasi	Journal Reviewer	Asian Journal of Physical and Chemical Sciences
23	15.08.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Advances in Medicine and Medical Research
24	26.08.19	Dr. C.Subha	Question paper setter for M.Sc. Chemistry	Bishop Heber college, Trichy
25	31.08.19	Dr.N.Gunavathy	Resource Person	FDP on “Swayam Learning and its Resources”

				St.Joseph College for Women, Tirupur
26	02.09.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Pharmaceutical Research International
27	07.09.19	Dr.Sr.S.Kuland ai Therese	Resource Person Extension activity	Food Nutrition and Food Adulteration Village Adoption Scheme , Kangeyampalayam Coimbatore
28	07.09.19	Dr.P.Dhivya	Resource Person Extension activity	Food Nutrition and Food Adulteration Village Adoption Scheme , Kangeyampalayam, Coimbatore
29	12.09.19	Dr.K.Anbarasi	Question Paper Scrutiny Board Member	Dr.NGP Arts & Science College, Coimbatore
30	16.09.19	Dr.K.Anbarasi	Journal Reviewer	Journal of Applied Life Sciences International
31	16.09.19	Dr.K.Anbarasi	Journal Reviewer	South Asian Journal of Research in Microbiology
32	27.09.19	Dr.K.Anbarasi	Extension Activity	Training programme on Preparation of House hold Cleaning Materials at Kadampadi Village, Coimbatore
33	10.10.19	Dr.K.Anbarasi	Journal Reviewer	Journal of the Chemical Society of Pakistan
34	12.10.19	Dr. C. Subha	Question Paper Setter for B.Sc& M.Sc. Chemistry	ADM College of Arts and Science, Nagapattnam.
35	29.10.19	Dr. C. Subha	External Examiner for Allied Practical for Biotechnology	Sri Ramakrishna College of Arts and Science, Coimbatore
36	22.11.19	Dr. C. Subha Dr.K.Anbarasi	External Examiner for UG Theory Valuation	Kongunadu Arts and Science College , Coimbatore
37	28.11.19	Dr.K.Anbarasi	Journal Reviewer	Microbiology Research Journal International
38	02.12.19	Dr.K.Anbarasi	Journal Reviewer	Plant cell Biotechnology and Molecular Biology

39	16.12.20	Dr.N.Gunavathy	Resource Person	Presentation Session on the Topic: E Content Development MOOC's and Open Educational Software
40	26.12.19	Dr.K.Anbarasi	Examiner for M.Sc Chemistry central Paper valuation	Bharathiar University Coimbatore
41	02.01.20	Dr.N.Gunavathy	Resource Person	Presentation Session on the Topic E-Content Development
42	17.01.20	Dr.P.Kalaivani	Journal Reviewer	1. Journal of Fluorescence 2. Journal of Biomolecular Structure and Dynamics
43	17.01.20	Dr.K.Anbarasi	Journal Reviewer	Asian Journal of Research in Botany
44	20.01.20	Dr.K.Anbarasi	Question Paper Setter for M.Sc. Chemistry	ThaseemBeevi Abdul Kathar College of Arts & Science, Ramanathapuram
45	21.01.20	Dr. C. Subha	Question Paper Setter for M.Sc. Chemistry	ThaseemBeevi Abdul Kathar College of Arts & Science, Ramanathapuram
46	22.01.20	Dr.K.Anbarasi	Question Paper Setter for M.Sc. Chemistry	Bishop Heber College, Trichy
47	24.01.20	Dr.K.Anbarasi	Journal Reviewer	Asian Journal of Research in Botany
48	24.01.20	Dr.K.Anbarasi	Journal Reviewer	European Journal of Medicinal Plants
49	29.01.20	Dr.K.Anbarasi	Journal Reviewer	Journal of Complementary and Alternative Medical Research
50	22.02.20	Dr.P.Kalaivani	BOS Member	Department of Chemistry NGM College, Pollachi
51	25.02.20	Dr.K.Anbarasi	Journal Reviewer	Plant Cell Biotechnology and Molecular Biology

**Details Related To Students  
Student's Participation In Seminars/Conferences/Workshops**

S. No	Date	Name of student	Topic	Name of Conferences/Seminars /Workshops/Training and Organizing Committee	National/ International
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1	03.05.19	Kavitha.V (PhD Scholar)	Emerging Trends in Science and Social Science	VHN SenthilkumaraNadarCollege, Virudhunagar India and Institute for integrated Regenerative Medicine Kuala Lumpur, Malaysia	International Video Conference
2	08.06.19	Agnes Mettilda.A (II M.Sc )	Sensitization Program on Fourier Transform Infrared Spectroscopy and Electrochemical Studies	Nanotech Research, Innovation and Incubation centre, PSG Institute of Advanced Studies Peelamedu Coimbatore	Regional
3	11.07.19 & 12.07.19	16 II M.Sc Students	Advanced Materials for Energy, Environment and Medicinal Applications.	Department of Chemistry, NGM College, Pollachi	National Seminar
4	20.07.19	SnowbiSaji	Project Report	TNSCST at Kalasalingam University	State
5	25.07.19 & 26.07.19	M. Sindhu (Ph.D Scholar)	Frontier Areas in Chemical Technologies, FACT-2019	Department of Chemistry, Alagappa University, Sponsored under RUSA Phase 2 Schemes.	International Conference
6	16.09.19	Joyalin Elizabeth Joy, Nandhini J Ramya U and SwethaGeraldin Maria J	Drug Designing and Molecular Docking	Workshop Department of Zoology, Nirmala College for Women, Coimbatore	State
7	16.09.19 & 17.09.19	M.Sindhu (Ph.D Scholar) and Nikarika. S (II M.Sc)	New Perspectives In Chemical Sciences	Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore	National Seminar
8	19.09.19 to 21.09.19	17 II M.Sc Students 2 Ph.D Scholars	Impact of Innovations in Science and	Kongunadu College of Arts and Science, Coimbatore	International Conference

			Technology for Societal Development		
9	26.11.19	33 Students of II B.Sc	Libre Office Suite	IIT, Bombay	Online Spoken Tutorial Exam
10	27.11.19	30 Students of I B.Sc	Libre Office Writer	IIT, Bombay	Online Spoken Tutorial Exam
11	27.11.19	20 Students of I M.Sc	G Chem Paint	IIT, Bombay	Online Spoken Tutorial Exam
12	27.11.19	61 Students of B.Sc. M.Sc and Research Scholars of Chemistry	Nirmala Annual Research Congress – NARC '19	IQAC, Nirmala College for Women	National
13	12.12.19	3 Students of I M.Sc Chemistry	Brain Teaser Quiz Competition	Dept.of Mathematics Nirmala College for Women, Coimbatore	-
14	20.12.19	16 Students of I M.Sc Chemistry	Recent Trends in Smart and Functional Materials for Batteries.	Department of Physics and Chemistry, SNMV College of Arts and Science Institute of Management	National Seminar
15.	11.01.20 20	22 II M.Sc Chemistry Students 5 Ph.D Scholars	Exploration of Research Innovations: Its Trends and Challenges	Department of Library, Nirmala College for Women	ICSSR Sponsored National Seminar
16	22.01.20 20	28 Students of II B.Sc and 3 Students of I M.Sc	Contemporary Innovative Developments in Applied Biology- CDAB 2020	Dept of Botany and Bioinformatics Nirmala College for Women, Coimbatore	International e-Conference
17	24.01.20	12 Students of I M.Sc and 13 Students of III B.Sc	Tamil skit Competition on Expo and Colloquim	Consumer Club Dept.of B.Com CA Nirmala College for Women, Coimbatore	Regional



18	30.01.20 20	11 II M.Sc Students 2 Ph.D Scholars	Advances in Green Chemistry and Its Applications AGCA-2K20	Department of Chemistry, Sri Ramakrishna College of Arts and Science	National Conference
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### Student Presentation In Seminars And Conferences

S. No	Date	Name of student	Topic	Seminar/ Conference/	Organized by
1	03.05.19 & 04.05.19	Kavitha.V (PhD Scholar)	Phytochemical Screening, GCMS Analysis and Antibacterial Activity of <i>Phaseolus lunatus</i> Seeds Extract	Conference	VHN Senthil Kumaranadir college, Viruthunagar and Institute for Integrated Regenerative Medicine. Malaysia.
2	11.07.19 & 12.07.19	Reni Joyce.A Vimali.A.P VayolaShalini. A	Phytochemical Screening, FTIR analysis, antibacterial activity of <i>Cardiospermum</i> <i>halicacabum</i>	Seminar	Department of Chemistry, NGM College, Pollachi
3	11.07.19 & 12.07.19	Agnes Mettilda.A	Ecofriendly synthesis of metallic nanoparticles using plant extract and its antimicrobial activity	Seminar	Department of Chemistry, NGM College, Pollachi
4	11.07.19 & 12.07.19	Joyalin Elizabeth Joy	Exploration of the applicability of chitosan derivatives for drug delivery	Seminar	Department of Chemistry, NGM College, Pollachi
5	11.07.19 & 12.07.19	Sri Nandhini.A.P	Comparative studies on refined and unrefined oil	Seminar	Department of Chemistry, NGM College, Pollachi
6	11.07.19	C.Brita john	Phytochemical	Seminar	Department of

	& 12.07.19		investigation and Pharmacological screening of leaf extract of Adhatodavarica		Chemistry, NGM College, Pollachi
7	11.07.19 & 12.07.19	Shalini.M, Magdalein.S, LeenaRexline. M	Phytochemical Screening and Therapeutic Activity of VernoniaCinerea	Seminar	Department of Chemistry, NGM College, Pollachi
8	11.07.19 & 12.07.19	Tharani.G	Synthesis and characterization of polymer metal complex using oxadiazole polyester as ligand	Seminar	Department of Chemistry, NGM College, Pollachi
9	25.07.2019 – 26.07.2019	Sindhu.M (Ph.D Scholar)	Cyclopentadieny I ruthenium complexes of ferrocenyl ligands: synthesis, spectral characterization and their biological evaluation	Conference	Alagappa University, Karaikudi.
10	16.09.2019 – 17.09.2019	M.Sindhu (Ph.D Scholar)	Synthesis, spectral characterization and binding studies of new organoruthenium (III) complexes	Seminar	PSGRKrishnammal College , Coimbatore.
11	16.09.2019 – 17.09.2019	Nikarika.S	Selective detection of Cu <sup>2+</sup> ion from 2-hydroxy 4(N,N') dimethylaminobenzaldehyde	Seminar	PSGRKrishnammal College , Coimbatore.
12	19.09.2019	LeenaRexline. M, Magdalein.S,	Antimicrobial activity of VernoniaCinerea	Conference	Kongunadu Arts and Science College, Coimbatore

		Shalini.M	against plant human pathogens		
13	19.09.2019	Maria Davis	Studies on corrosion inhibition using poly styrene jack fruit latex composites	Conference	
14	19.09.2019	Sri Nandhini.A.P	Impact of natural plant extract in corrosion inhibition of metals in aggressive media- A Review	Conference	
15	19.09.2019	Harigayathiri.L	Cytotoxic activity of biosynthesized silver nanoparticles using Bignoniaceae plant extract	Conference	
16	19.09.2019	Angel Infanta.M	Molecular docking, qualitative and quantitative analysis of phytochemicals and pharmacological activities of myristicaceae family spices	Conference	
17	19.09.2019	Magdalein.S	Phytochemical screening and therapeutic activities of achyranthesaspara	Conference	
18	19.09.2019	Sruthi .T.V	A comparative study of caffeine in tea samples	Conference	

19	19.09.2019	A.Agnesmettilda	Green synthesis of silver nanoparticles and its antimicrobial properties	Conference	Kongunadu Arts and Science College, Coimbatore
20	19.09.2019	Vayolashalini. A	Synthesis of silver nanoparticles from the seed extract of febrifuge plant and their pharmacological activities	Conference	
21	19.09.2019	Anuroopa .S	Green synthesis of zinc oxide nano particles and its applications	Conference	
22	19.09.2019	C.Brita John	Biogenic fabrication of silver nano particles from leaf extract of adathodavasica and their antioxidant activity	Conference	
23	19.09.2019	Abinaya.D	Biosynthesis of copper nanoparticles from marine vertebrate and assessment of its catalytic activity	Conference	
24	19.09.2019	A.P. Vimali	Facile synthesis of styryl dyes and its photo physical investigation	Conference	
25	19.09.2019	M.Shalini	A short review on synthesis and characterization of Schiff base derived	Conference	

			aldehydes and amines		
26	19.09.2019	S.Devipriya	Review on synthesis and characterization on Schiff base metal complexes and their application	Conference	Kongunadu Arts and Science College, Coimbatore
27	19.09.2019	Joyalin Elizabeth Joy	Synthesis and characterization of chitosan metal complexes	Conference	
28	19.09.2019	Dhanyasruthi . P	Bio based synthesis of Hesperidin from citrus sinensis peel extract and its pharmacological activities	Conference	
29	19.09.2019	Glaydia Rani and Gunavathy.N	Natural Corrosion Inhibition by Plant Extract on Mild Steel	Conference	Kongunadu Arts and Science College, Coimbatore
30	19.09.2019	Kavitha.V and Dr.N.Gunavathy	Quantum chemical Studies on the Corrosion Inhibition Effect of Phytochemical of Phaseolus lunatus on Mild Steel	Conference	Kongunadu Arts and Science College, Coimbatore
31	30.01.2020	Kavitha.V Dr.N.Gunavathy	In silico Screening on Phytochemicals of Phaseolus Lunatus seed to Control Klebsiella Pneumoniae Infections	Conference	Sri Ramakrishna College of Arts and Science, Coimbatore.
32	30.01.2020	Sindhu.M(PhD)	New Ni(II) and Cu(II) metallates containing 3-acetyl coumarine phenyl	Conference	Sri Ramakrishna College of Arts and Science, Coimbatore.

			semicarbazone: synthesis, spectral characterization, electrochemistry and DNA binding studies.		
33	10.02.2020	VayolaShalini. A, Dr. N. Gunavathy	Biosynthesis of Silver Nanoparticles using Aqueous Seed Extract of Caesalpinia Bonducella and its Biological Activity.	International Conference	Department of Chemistry
34		M. Sindhu, P. Kalaivani and R. Prabhakaran	Synthesis, spectral characterization, Electrochemistry and DNA binding studies of new Ni(II) and Cu(II) complexes containing 3 - Acetylcoumarin 4(N)-phenylthiosemicarbazone	International Conference	Department of Chemistry
35		Tanya Francis, P. Kalaivani and R. Prabhakaran	Cationic Sensing of 8 - methyl - tetrazolo [1,5-a] quinoline - 4(N) - phenylsemicarbazone using absorbance and fluorescent methods	International Conference	Department of Chemistry
36		Agnes Mettilda, Dr.N.Gunavathy	Rapid Biosynthesis of Silver Nano Particle and Its Antibacterial Activity.	International Conference	Department of Chemistry

37		S. Gladiyarani, and Dr. N. Gunavathy	Cactus Extract as Green Corrosion Inhibitor of Mild Steel in 1N HCl Acid Solution.	International Conference	Department Chemistry of
38		V. Kavitha, Dr. N. Gunavathy	Antibacterial Activity of Seeds of <i>Phaseolus Lunatus</i> Extract Against Gram - Negative And Gram - Positive Organism using Microbiological Studies and Molecular Docking Analysis.	International Conference	Department Chemistry of
39		Abinaya Dr. P. Dhivya	A Comparative Study with Copper and Nickel Nanoparticles as a Catalyst in Biginelli Reaction.		
40		HariGayathiri.L , AnithaChristy. P	Synthesis of Silver Nano Particles Usng Particles Using Aqueous Extract of <i>Kilgellia Afriana</i> Stem Bark.	International Conference	Department Chemistry of
41		A.P. Vimali Dr. P. Dhivya	Relative Study of Styryl Dyes Prepared In Acidic Medium and Basic Meidum.	International Conference	Department Chemistry of
42		M. Sivasankari, Mrs.Anitha Christy	Phytochemical Screening, Antioxidant Activity of	International Conference	Department Chemistry, Nirmala College for Women of

			Mirabilis Jalapa Linn – An Invitro Study.		
43		Anandhi K Dr Dhivya	Synthesis and Characterization of Eco-Friendly Starch and Chitin Based Bioplastic from Agro Based Resources and Crab shell.	International Conference	Department of Chemistry
44		Brita John C Dr. P Dhivya	Phytochemical Investigation on the Biosynthesized Nano Particles from <i>Adhatoda Vasica</i> – A Deeper Insight.	International Conference	Department of Chemistry
45		Sowburnika TRDr. Dhivya P	Phytochemical Investigation on Antibacterial and Antioxidant Activity of <i>Costus igneus</i> Leaf Extract, Biosynthesis of Nickel Oxide Nano particles and its Characterization	International Conference	Department of Chemistry

### Students Who Received Prizes In Paper/Poster Presentation

S.No	DATE	Name	Title of the Paper	Conference	Organizing Committee
1	30.01.20	Sindhu.M (PhD)	New Ni(II) and Cu(II) Metallates containing 3-Acetyl coumarine phenyl semicarbazone: Synthesis,	National Conference	Sri Ramakrishna College of Arts and Science, Coimbatore.



			Spectral Characterization, Electrochemistry and DNA Binding Studies.		
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### Fellowships

S. No	Name	Nature of work	Funding agency	Stipend Amount
1	SnowbiSaji Dr. C. Subha	Evolution of Newly Synthesized Polyamides as Corrosion Inhibitors	TNSCT – Student Project Scheme	Rs. 7,500/-
2	Joylin Elizabeth Joy (II M.Sc)	Ph.D Scholarship Organic Chemistry (Organic Electrosynthesis)	Pusan National University, South Korea, Busan	Fully Funded
3	D. Abinaya C. Britta John P.Vimali Dr. P. Dhivya	Biosynthesis of silver nanoparticles by marine vertebrate and assessment of its biological efficacy against human pathogens	TNSCT – Student Project Scheme	Rs. 7,500/-

### Competitive Exams/ Other Courses Passed By The Students

Sl.No	Name	Competitive Exam
1	Krishnapriya.P	Qualified SET (Kerela)
2	Keerthana.K	Qualified K TET
3	Anjali Sreenivasan	Qualified K TET
4	Neenumol.M.P (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 75 % (Elite + Silver Medal) MHRD, SWAYAM UGC - NPTEL
5	Princy Francis Thachedam (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 73 % (Elite) MHRD, SWAYAM UGC – NPTEL
6	Ambili Das (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 67 % (Elite) MHRD, SWAYAM UGC – NPTEL
7	Ramya.U (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 66 % (Elite)

		MHRD, SWAYAM UGC – NPTEL
8	Sandra K Saji (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 63 % (Elite) MHRD, SWAYAM UGC – NPTEL
9	MeghaSurendran S.K (I M.Sc Chemistry)	Cleared Online Course on Metals in Biology and Scored 62% (Elite) MHRD, SWAYAM UGC - NPTEL
10	PinkiMahur (I M.Sc Chemistry)	Cleared Online Course on Mechanism in Organic Chemistry and Scored 47 % MHRD, SWAYAM UGC - NPTEL
11	Gopeechandana.G.P (I M.Sc)	Cleared Online Course on Bioinorganic Chemistry and Scored 77%(Elite+ Silver Medal) MHRD, SWAYAM UGC - NPTEL
12	Aswathi.C (I M.Sc)	Cleared Online Course on Bioinorganic Chemistry and Scored 83%(Elite+ Silver Medal) MHRD, SWAYAM UGC - NPTEL
13	Annie Cathrien .D ( II B.Sc)	Cleared 8 levels of Exams and received BA Degree in Hindi
14	Geraldin Maria Swetha.J (III B.Sc)	Selected as ABPM GDS by Central Government of Postal Department

**Co-Curricular And Extra Curricular Activities**  
**Student Participation In Intercollegiate Competitions**

S. No	Event	Organized by	Students Name	Participated / Won
1	Essay Writing Competition	Tamil ValarchiThurai, Coimbatore District	Veena.K (III B.Sc Chemistry)	2 <sup>nd</sup> Prize Rs.7,000/-
2	Hand writing Competition	AgathirMamunivar Arts, Literature and Culture Research Centre Kanyakumari District	Hemamalini.S	Received Participation Certificate
3	Mime Competition	An Intercollegiate Chemsummit “Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	Jyothika. R Pradiksha. B	II Prize
4	Multi Tasking Competition.	Department of Chemistry, SNR College, Coimbatore	Elakya. M	I Prize
5	Rangoli	Department of	Anandhi. K	Received

	Competition	Chemistry, SNR College, Coimbatore	Siva Sankari.M	Participation Certificate
6	University Level Essay Writing Competition	Department of Tamil, Kongunadu College of Arts and Science.	Siva Sankari. M	Received Participation Certificate
7	Tamil essay Competition	ThiruvarutpaArakkatalai at Kongunadu Arts and Science College, Coimbatore	Veena.K	Second prize with a cash award of Rs.2000
8	Mime competition.	An Intercollegiate Chemsummit "Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	DivyaPrabha. A	II prize
9	Mime competition.	An Intercollegiate Chemsummit "Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	Femeena. A	I prize
10	Chem Connection	An Intercollegiate Chemsummit "Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	Abinaya. D Agnes Metilda	I Prize
11	Mime competition.	An Intercollegiate Chemsummit "Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	Epsiba. T	II prize
12	Chem quiz	An Intercollegiate Chemsummit "Oganesson- 2K19, Department of	Joylin Elizabeth Joy Anuroopa.S	I prize

		Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.		
13	Facial Painting	An Intercollegiate Chemsummit “Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06.	Harigayathri.L Angel infant.M	II prize
14	Paper Presentation	An Intercollegiate Chemsummit “Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06	BritaJohn Angel Infant.M	II Prize
15	Megandhi	An Intercollegiate Chemsummit “Oganesson- 2K19, Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore-06	Dhanyasruthi. R Devipriya.S	II Prize

### Students’ Participation In Cultural/Extra Curricular Activities And Prizes

S. No	Date	Name	Event	Participation/ Prize	Organizing Committee
1	11.07.2019	Anandhi.K&Souburnika T.R (III B.Sc)	Poster Presentation on the Topic Family Planning, Empowering Women, Developing Nations	I Prize	Department of Geography Nirmala College for Women.
2	11.07.2019	PinkiMahur (III B.Sc) &Manoranjitham (I M.Sc)		III Prize	
3	19.12.19	Anandhi. K ( III B.Sc)	Ramanujan Day- Pencil Sketching Competition	I Prize	Department of Mathematics, Nirmala College for Women.

			under DBT STAR College Scheme.		
4	12.12.19	Hemalatha.J (I M.Sc)	Brain Teaser Quiz Competition	I Prize	Dept. of Mathematics Nirmala College for Women, Coimbatore
5	12.12.19	Immaculate Dayana&Nandini.J (I M.Sc)		II Prize	
6	20.12.19	RinsiyaParveen.B Reshma.B	Power point Presentation	I Prize	Dept.of Mathematics Nirmala College for Women, Coimbatore ( in Commemoration of Ramanujan's Birthday Celebration)
7	20.12.19	Nivetha.N	Pencil Sketching	II Prize	
8	20.12.19	Liji.L	Pot Painting Competition	I Prize	
9	20.12.19	Jothika.R		II Prize	
10	23.01.20	Durga Devi. S & V.Srinidhi	Quiz Competition	I Prize	Dept. of Chemistry Nirmala College for Women, Coimbatore
11	23.01.2020	Nivetha. N &Sneka. S		II Prize	
12	30.01.20	C.Shilpa (III B.Sc)	Best Library User Award		Dept. of Library Nirmala College for Women, Coimbatore
13.	21.02.20	Suganya (II B.Sc)	Fancy Dress Competition	II Prize	Dept. of Physical Education (69 <sup>th</sup> Sports Day)

### Training Programme Attended by Student

S.No.	Name of the Student	Department	Title	Date	Organised By
1.	Nikarika.S (II M.Sc)	Chemistry	Chemistry Research Drive Program (CRD- 2019)	13.05.19 to 12.06.19	Department of Chemistry, B.S.AbdurRahman Crescent Institute of Science and

					Technology & Professor RamasubbuJeyaraman Science Foundation
2	DhanyaSruthi.R (II M.Sc)	Chemistry	Analytical and Phytochemical Techniques	27.11.19 to 30.11.19	BhartRatna CNR Rao Research Centre organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.

**Extension Activities**  
**Other Extension Activities Of The Department**

S. No.	Date	Activity	Place	No. of Beneficiaries
1	20.06.2019	District Institute of Education and Training (DIET), Tamil Nadu Government Education Department, Coimbatore	Nirmala Matriculation Higher Secondary School, Coimbatore	70 PG Teachers
2	20.06.2019 21.06.2019	District Institute of Education and Training (DIET), Tamil Nadu Government Education Department, Coimbatore	Department of Chemistry- Lab, Nirmala College for Women, Coimbatore	70 PG Teachers
3	07.09.2019	Food Nutrition and Food Adulteration	Extension Activity for Village Adoption Scheme at Kangeyampalayam, Sulur.	250 students
4	08.01.2020	Distribution of Periodic Table Chart to Government School Students	Government Higher Secondary School, Marandahalli, Dharmapuri	25 students