



# vCAS

## e-Newsletter

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July - September 2014

### CONTENTS

1. General Activities	2
2. Dept. of Tamil	2
3. Dept. of English	2
4. Dept. of Mathematics	3
5. Dept. of Physics	6
6. Dept. of Chemistry	7
7. Dept. of Electronics	11
8. Dept. of Computer Science	12
9. Dept. of Co-operation	14
10. Dept. of Social Work	16
11. Unaided (General)	18
12. Dept. of Commerce	18
13. Dept. of Computer Science	20
14. Academic Ext. Activities	24
15. CGPC	26
16. Physical Education	26
17. FALC	27
18. RFE	28
19. SESC	28
20. NSS	28
21. NCC	28
22. Industrial Visit	29
23. Alumni Meeting	30



A quarterly e-newsletter of the Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore

## GENERAL ACTIVITIES

A memorandum of understanding was signed between the Principal of Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, and the Vice President and Head, HRD, Infosys BPO Ltd, Bangalore, on 1 July 2014.

Dr. C. Jayabalakrishnan, Principal, acted as convener of the Inspection Commission for the Provisional affiliation to BCom (Business Process Services) at Rathinam College of Arts and Science, Coimbatore, on 23 August 2014.

Dr. C. Jayabalakrishnan, Principal, attended the FIST-DST meeting held at the Institute of Chemical Technology, Mumbai, on 27 September 2014. Dr. R. Jayaprakash, Associate Professor, Dept. of Physics and Dr. G. Raja, Assistant Professor, Dept. of Chemistry, accompanied him.

## DEPARTMENT OF TAMIL

### Staff Activities

#### Details of Seminars Attended:-

Name of the Student	Title of the Paper	Name of the Conference	National / International / Place	Date
Dr. C. Viswanathan, HOD, Dept. of Tamil 	Participated	தமிழ் இலக்கியங்கள் காட்டும் வாழ்வியல் மதிப்புகளும் மாற்றங்களும்	National, Kongu Arts and Science College, Erode	26 Sep. 2014

#### Viva-voce examinations were held by staff of our college for the following students pursuing Ph.D

Supervisor	Candidate	Title of the Thesis	Month of the award of Ph.D
Dr. C. Viswanathan	Mrs. S. Sasikala	சித்தர் பாடல்களில் இறைக் கோட்பாடு	June 2014

### Staff other Assignment

Dr. R. Gokul, Assistant Professor, Dept. of Tamil, attended a book release function titled 'கொங்குநாட்டு எழுத்தாளர்களின் ஏழு நூல்கள் வெளியீட்டு விழா' held at Erode on 9 August 2014. He delivered a talk on his book 'திருமந்திரத்தில் தாந்திரிகம்' which was one among the seven books released.

Dr. C. Viswanathan, Associate Professor and Head, Department of Tamil, acted as a Member of the M.Phil Selection Committee of Thanjavur Tamil University. The selection was conducted by 'Vision for Wisdom', Aliyar on 18 August 2014.

## DEPARTMENT OF ENGLISH

### Staff Activities

Dr. R. Chandrasekar, Associate Professor and HOD, Dept. of English, served as a subject expert in the Doctoral Committee Meeting held at Government Arts College, Udumalpet, on 18 August 2014

Dr. R. Chandrasekar, Associate Professor and HOD, Dept. of English, inaugurated the English Literary Association at Dr. NGP College of Arts and Science, Coimbatore, on 26 August 2014 and delivered a special lecture on the topic "Ways of Communication".

Dr. R. Chandrasekar, Head of the Department of English, served as a subject expert in an event held at Emerald Heights College, Ooty on 04.09.2014.

Dr. R. Chandrasekar, Head of the Department of English, served as a subject expert in the PG Board of Studies in English held at CMS College, Coimbatore, on 19 September 2014.

Sri V. Neelakandan, Assistant Professor, Dept. of English, acted as a resource person in the workshop on "Introduction of Linguistics" held at Bishop Appasamy College, Coimbatore, on 25 September 2014.

### Students Activities

Seven III B.A. (English Literature) students participated in a quiz competition held at Providence College, Coonoor, on 17 September 2014.




## DEPARTMENT OF MATHEMATICS

The Department of Mathematics conducted an association meeting on 25 August 2014. Dr. V. Sadhasivam, Associate Professor, Dept. of Mathematics, Thiruvalluvar Govt. Arts College, Rasipuram, delivered a special address on "Why do we need Mathematics?"



### Staff Activities


#### Research Papers Published in Journals by Staff Members



Name	Details of the Articles
Dr. K. Kanagarajan & Sri S. Muthukumar Asst. Professors, Dept. of Mathematics  	Modified two-step Simpson method for solving the fuzzy differential equations and the dependency problem, IOSR Journal of Mathematics, Vol. 10, p.19–22, 2014.
	Numerical solution of fuzzy differential equations by Milne's predictor-corrector method and the dependency problem, Applied Mathematics and Sciences: An International Journal (MathSJ), Vol. 1, no. 2, p.65–76, 2014.
	Numerical solution of fuzzy differential equations by Adam's predictor-corrector method and the dependency problem, International Journal of Mathematics and Computer Research, Vol. 2, p. 531-540, 2014.
Dr. A.K. Abdul Hakeem, Asst Profesor Dept. of Mathematics 	Effect of Heat Radiation in a Walter's liquid B fluid over a stretching sheet with non-uniform heat source / sink and elastic deformation, Journal of Kind Saud University – Engineering Sciences, Vol. 26, p.168 – 175, 2014.
	Lie symmetry group analysis of magnetic field effects on free convective flow of a nano-fluid over a semi-infinite stretching sheet, Journal of Egyptian Mathematical Society, Vol. 22, p. 304 – 310, 2014.
	Effect of partial slip on hydromagnetic flow over a porous stretching sheet with non-uniform heat source/sink, thermal radiation and wall mass transfer, Ainshams Engineering Journal, Vol. 5, p. 913 – 922, 2014
	Convective heat transfer of nanofluid over an inclined stretching sheet in the presence of thermal radiation, proceedings of the International Conference on Mathematical sciences, p. 252–256, 2014



Name	Details of the Articles
Sri M. Suresh, Asst Professor Dept. of Mathematics 	Homomorphism of Multi L-Fuzzy Subgroup, Generalised Mathematical Notes, Vol. 22, no. 1, p. 86–92, 2014.
	Multi L-Fuzzy Quotient Groups, International Journal on Engineering Associates, Vol.3, no.4, p. 28–32, 2014
	Multi L-Fuzzy Normal Subgroups, International Journal on Mathematics trends and Technology,
Dr. R. Murugesu, HOD Dept. of Mathematics 	Existence of Solutions of fractional neutral IDE with infinite delay, International Journal of Engineering Science Invention, Vol. 3, issue 8, p. 44-52, Aug. 2014
	Existence of analytic solution for Reaction Diffusion model of forest boundary dynamics, International Journal of Applied Computational Science & Mathematics, Vol.4, p. 165-174, Sep. 2014
	Almost automorphic solutions of neutral functional IDE with infinite delay, Far East Journal of Mathematical Sciences, Vol. 91, p. 17–43, Sep. 2014
	Existence of solutions of impulsive partial neutral IDE with unbounded delay, Journal of advances in Mathematics, Vol. 91, p. 2083–2098, Sep. 2014
	Existence of Mild solutions for nonlocal Cauchy problem for fractional neutral evolution equations with infinite delay, Surveys in Mathematics and its Applications, Vol. 9, issue no. 1, p. 117–129, Sep. 2014
	Controllability results for a class of fractional integrodifferential inclusions via resolvent operators, Applied Mathematics and Computation, Vol. 244, p. 152–161, Sep. 2014
Sri T. Jayakumar & Dr. K. Kanagarajan Asst. Professor, Dept. of Mathematics  	Numerical solution of hybrid fuzzy differential equations by Adams fifth order predictor-corrector method, International Journal of Mathematical Trends and Technology, Vol. 9, p. 70-83, 2014
M. Govindaraju, Asst. Professor Dept. of Mathematics 	Analytic solution for Entropy Generation for second grade fluid over a stretching surface with thermal radiation, Proceedings of the International Conference on Mathematical sciences, p. 240–244, 2014

#### Papers Presented in Seminars / Conferences / Workshops:-

Name of the Staff	Title of the Paper	Name of the Seminar / Symposium / Workshop / Conference	National / International / Place	Date
Dr. A.K. Abdul Hakkem, Asst. Professor, Dept. of Maths 	Convective heat transfer of a nanofluid over a inclined stretching sheet in the presence of thermal radiation	Mathematical Science – 2014	International, Sathyabama University, Chennai	17 to 19 July 2014

Name of the Staff	Title of the Paper	Name of the Seminar / Symposium / Workshop / Conference	National / International / Place	Date
Sri M. Govindaraju, Asst. Professor, Dept. of Maths 	Analytic solution for entropy generation of second grade fluid over a stretching surface with thermal radiation	Mathematical Science – 2014	International, Sathyabama University, Chennai	17 to 19 July 2014
Sri M. Suresh, Asst. Professor, Dept. of Mathematics 	Some Properties of Multi Anti L – Fuzzy Subgroups	International Conference on Mathematical Science and Computational Applications	International, Dr. N.G.P. Arts and Science College, Coimbatore	12 Aug. 2014

#### Viva-voce examinations were held by staff of our college for the following students pursuing MPhil

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. K. Kanagarajan	Sri D. Murugavel	Numerical solution of fuzzy differential equations by Hamming predictor-corrector method	June 2014
Sri T. Jayakumar	Sri C. Raja	Numerical solution of fuzzy differential equations by fifth order predictor-corrector method	June 2014
Dr. K. Sathiyathan	Sri S. Boopathi	Unsteady second grade fluid flow through a porous medium from a permeable stretching sheet with non-uniform heat source/sink and thermal radiation.	June 2014
Dr. K. Sathiyathan	Sri S. Ramkumar	Unsteady MHD second grade fluid through a porous medium from a permeable stretching sheet with non-uniform heat source/sink and thermal radiation.	June 2014
Dr. K. Sathiyathan	Sri J. Venkadesan	Analytical solution of Heat transfer in an MHD second grade fluid over an unsteady stretching sheet	July 2014
Dr. R. Murugesu	K. Jayasubha	Existence results for partial neutral functional Integrodifferential equations with unbounded delay	July 2014
Sri T. Jayakumar	Mrs. R. Amutha	Hydromagnetic flow over a porous medium with radiation effect	July 2014

#### Staff other Activities

Dr. A. K. Abdul Hakeem, Assistant Professor, Dept. of Mathematics, delivered a lecture on 'Applications of Differential Equations' in the association meeting of the Department of Mathematics of Sree Narayana Guru College, Coimbatore, on 27 August 2014.

Dr. A. K. Abdul Hakeem, Assistant Professor, Dept. of Mathematics, attended the Inaugural function of the association meeting of the Dept. of Mathematics of Park's College, Tirupur, on 12 September 2014 and delivered a talk on "Application of Mathematics in Real Life".

#### Students Activities

Five third-year UG and seven second-year PG students of the Dept. of Mathematics participated in "SIGMA", an Inter-Collegiate Mathematical Meet, held at PKR College of Arts and Science for Women, Gobichettipalayam, on 13 August 2014

## DEPARTMENT OF PHYSICS







The Department of Physics conducted an association meeting on 30 July 2014. Dr. P. Balraj, Assistant Professor, Dept. of Physics, Vellammal Engineering College, Chennai, delivered a special address on "Recent Trends in Renewable Energy Technologies".

The Department of Physics conducted an association meeting on 14 August 2014. Dr. Sanjay Kumar, Professor, Dept. of Physics, Dr. Ambedkar University, Bihar, delivered a special address on "LCAM of Jatropa as Biofuel in Indian Dynamic Economic Environment".



### Staff Activities

#### Research Papers Published in Journals by Staff Members

Name	Details of the Articles
Dr. V. Ponnuswamy, HOD & Sri S. Ramanathan Asst. Professor, Dept. of Physics  	Effect of aniline concentration on chitosan grafted polyaniline, Journal of Kind Saud University – Engineering Sciences, Vol. 16, p. 7-8, 2014
Dr. V. Ponnuswamy, HOD & Sri R. Suresh Asst. Professor, Dept. of Physics  	Consequence of Source material on the surface properties of nebulizer spray coated Cerium oxide thin films, Vacuum, Vol. 109, p. 94–101, 2014 Nanostructured cerium oxide thinfilms by nebulizer spray pyrolysis(NSP) technique: Impact of surfactants on the structural, optical and compositional properties, Ceramics International, Vol. 40, p. 13515-13527, 2014
Dr. V. Ponnuswamy, HOD, Dept. of Physics 	Self assembly in graphite (pencil) powder and pani / pencil powder by mechanical mixture method – ohmicbehaviour, Elixir Material Science, Vol. 73, 2014
Dr. M. Sethuraman, Associate Professor, Dept. of Physics 	Synthesis and Characterization of Tungsten Oxide sponge like sub-microstructures in the presence of novel surfactants, International Journal of Science and Research, Vol ?, Pg:?, 2014

### Staff other Assignment

Dr. R. Jayaprakash, Associate Professor, Dept. of Physics, delivered a talk on "Nano Science and gas sensors" at Chikkaiah Naicker College, Erode, on 18 July 2014.

Dr. R. Bharathikannan, Assistant Professor, Dept. of Physics, acted as a member of the Doctoral Committee held at Gandhigram Rural Institute Deemed University, Dindigul, on 15 July 2014.

Dr. V. Ponnuswamy, Associate Professor and HOD, Dept. of Physics, served as a subject expert in the Staff Selection Committee held at PSG College of Arts and Science, Coimbatore, on 13 & 14 August 2014

Dr. J. Chandrasekaran, Associate Professor, Dept. of Physics, served as a subject expert in the Staff Selection Committee held at PSG College of Arts and Science, Coimbatore, on 13 & 14 August 2014

Dr. V. Ponnuswamy, Head and Associate Professor, Dept. of Physics, acted as a member of the Doctoral Committee of the Department of Physics, Alagappa Govt. Arts College, Karaikudi, on 21 August 2014.

Sri R. Suresh, Asst. Professor, Dept. of Physics, submitted a proposal for Minor Research project to UGC, Hyderabad, in July 2014.

Sri R. Suresh, Asst. Professor, Dept. of Physics, submitted his PhD thesis to Bharathiar University on 12 September 2014.

#### Viva-voce examinations were held by staff of our college for the following students pursuing MPhil

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. M. Sethuraman	S. Vanitha	Growth and characterization of organic single crystals for opto-electronics applications	July 2014
Dr. M. Sethuraman	Sri M. Kesavan	Ultrasonic, DFT and FT-IR studies on hydrogen bonding interactions in aqueous solutions of diethylene glycol	August 2014
Dr. J. Chandrasekaran	Sri.N.Senthilnathan	Growth and characterization of New organic Non-linear optimal crystals: 8-Hydroxyquinoline urea and 4-Nitrophenol	September 2014

#### Viva-voce examinations were held by staff of our college for the following students pursuing Ph.D

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. R. Jayaprakash	Sri E. Ranjith Kumar	Effect of fuel ratio in combustion process and bio-template(egg white) in evaporation process on structural, magnetic and dielectric properties of Mn substituted MFe <sub>2</sub> O <sub>4</sub> (M=Co, Zn, Ni, Cu) nanoparticles for gas sensor applications	August 2014

### Students Activities

The students of the Dept. of Physics participated in the Intercollegiate Meet "SPECTRA-SEPT2014" held at PKR College of Arts and Science, Gobichettipalayam on 24 September 2014. N.P.Pratheep (II M.Sc Physics) and S.Jayakumar (II M.Sc Physics) are won the first prize in Science Quiz. J. Gowtham (I B.Sc Physics), S. Sabarigirinathan (I B.Sc Physics), T. Mahendran (II M.Sc Physics), R. Packiyaraj (II M.Sc Physics), S. Kalaiarasan (II M.Sc Physics), A. Sathishkumar (II M.Sc Physics), V. Rajeshkumar (II M.Sc Physics) and P. Sivakumar (II M.Sc Physics) are won the third prize in Miming.

## DEPARTMENT OF CHEMISTRY

The inaugural meeting of the Chemistry Association was held on 20 August 2014. Dr. C. Rengaswamy, Associate Professor and Head, Department of Chemistry, CBM College, Kovaipudur, Coimbatore, delivered the inaugural address.





The Department of Chemistry conducted an association meeting on 15 September 2014. Dr. G.Amirthaganesan, Associate Professor, Dept. of Chemistry, delivered a special address on "Kalakkal Chemistry".





The Department of Chemistry conducted an association meeting on 19 September 2014. Sri Sivaram Sivasubramanian, former Senior Manager, Accuntur, delivered a special address on "Contributions of Chemistry to Modern Technology".

Dr. M. Dhandapani, Associate Professor, Dept. of Chemistry, acted as a Member of the Inspection Commission to grant permanent increase in intake to M.Phil and Ph.D programmes for Nirmala College for Women, Coimbatore, on 26 September 2014.




An MoU was signed between the Department of Chemistry and M/s. Muthuram Laboratories, Erode, on 24 September 2014.

### Staff Activities


### Research Papers Published in Journals by Staff Members

Name	Details of the Articles
Dr. A. Chandramohan HOD, Dept. of Chemistry 	Synthesis, Growth, Crystal structure and Characterisation of 2 – Methyl imidazolium – 4 - Nitrobenzoate (4-Nitrobenzoic acid) Single Crystal, Journal of SOP Transactions of Physical Chemistry, Vol. 1, No. 2, Pg: 277 – 7105, 2014
	Synthesis, Growth, Crystal Structure and Characterization of an Organic Salt Crystal, Dilmidazolium, Dipicrate Monohydrate, The Experiment, Vol. 25(4), Pg.No. 1759 – 1774, 2014
Dr. A. Chandramohan HOD, and Sri E. Selvakumar, Asst. Professor, Dept. of Chemistry  	Synthesis, Growth, Spectral and Thermal studies of a new organic salt crystal: Glycinium Monochloroacetate, Materials Letter, Vol. 128, Pg:366 – 368, 2014
	Synthesis, Growth, Spectral and Thermal properties of new organic salt crystal: 3-Nitroanilinium trichloroacetate, Journal of Crystal Growth, Vol. 401, Pg:323 – 326, 2014
Dr. M. Sekar Associate Professor, Dept. of Chemistry 	Synthesis, Spectral, Structural analysis and biological evaluation of a new hydrogen – bonded charge transfer complex: 2,3-Dimethylquinoxalinium-p- toulenesulfonate, Journal of Photochemistry and Photobiology B: Biology, Vol. 140, Pg: 20-27, 2014







Name	Details of the Articles
Sri V. Mohanraj Asst.Prof. of Chemistry 	Insilico drug design and extraction of piperine an inhibitor for farnesyltransferase in Cryptococcus neoformans, World Journal of Pharmace-utical Research, Vol. 3, No. 4, Pg: 277 – 7105, 2014
	Growth, thermal and optical properties of novel N-nitroso r-2, c-6 (4-methoxy Phenyl)-c-3, t-3- dimethylpiperdin-4-one, International Journal of innovative research in Science and Engineering, Vol. 1, No. 2, Pg: 7, 2014
Dr. A. Chandramohan, HOD, and Sri V.Mohanraj, Asst. Professor, Dept. of Chemistry  	Growth, Thermal and Optical properties of cis-2,6, diphenyl-3- isopropylpiperdin-4-one A new glass or organic NLO Material, Optik, Vol. 125, Pg.No. 5550 – 5553, 2014

### Books published by staff members

Name	Title of the Book	Publisher & Year
Sri V. Mohanraj, Asst. Professor, Dept. of Chemistry 	Pneumocystis jiroveci Pneumonia (Bio-Informatics approach)	Lambert academic publication, Germany, 2014

### Papers Presented in Seminars / Conferences / Workshops:-

Name of the Student	Title of the Paper	Name of the Conference	National / International / Place	Date
Sri V. Mohanraj, Asst. Professor, Dept. of Chemistry 	Growth, Thermal and optical properties of organic NLO crystal of novel N- Nitroso r-2,c-6-bis (4-methoxyphenyl)-c-3,t-3-dimethylpiperdine – 4 – ones	International Conference on Advances in New materials	International, Department of Inorganic Chemistry University of Madras	20 & 21 June 2014
Dr. M. Dhandapani Associate Professor, Dept. of Chemistry 	Structure and Spectral properties of 4methoxysalicylidence (N2) arginine hemihydrates	Perspectives of vibrational spectroscopy (ICCOPVS 2014)	International , Joined Organized of Physics, Mar Ivanios College, Trivandrum and The kerala state Higher Education council at Mascot Hotel, Trivandrum	8 to 12 July 2014

Name of the Student	Title of the Paper	Name of the Conference	National / International / Place	Date
Sri V. Mohanraj, Asst. Professor, Dept. of Chemistry 	Extraction, identification, characterisation and anticancer activities of stanol ester obtained from the seeds of Lawsonialnermis (Henna)	National conference on Advanced Developments of Medicinal Chemistry in Target Drug Design.	National, Kongunadu Arts and Science College, Coimbatore – 29	11 & 12 Sep. 2014
Sri V. Mohanraj, Asst. Professor, Dept. of Chemistry 	Synthesis, Characterization, DnA interaction and anti-oxidant activities of novel N-acyl-r-2,c-6-diarylpiperdine-4-ones	National conference on Advanced Developments of Medicinal Chemistry in Target Drug Design.	National, Kongunadu Arts and Science College, Coimbatore – 29	11 & 12 Sep. 2014

#### Viva-voce examinations were held by staff of our college for the following students pursuing Ph.D

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. C. Jayabalakrishnan	Sri. S. Sathiyaraj	Synthesis, characterization, DNA interaction, antioxidant and anticancer studies of ruthenium, copper and cobalt heterocyclic Schiff base complexes	July 2014
Dr. M. Dhandapani	Sri M. Sethuraman	Synthesis, spectral, structural and quantum chemical investigations of some organics incorporated crystals for opto-electronics applications	August 2014

#### Staff other Assignments

Dr. A. Muthusamy, Assistant Professor, Dept. of Chemistry, served as an External Examiner to conduct Ph.D viva-voce at Sri AVVM Puspham College, Thanjavur, on 14 August 2014

Dr. A. Chandramohan, HOD, Dept. of Chemistry, acted as an Inspection Commission member for the permanent affiliation of M.Sc Chemistry at Nirmala College, Coimbatore, on 21 August 2014.

Dr. A. Chandramohan, HOD, Dept. of Chemistry, and Dr. M. Sekar, Associate Professor, Dept. of Chemistry, served as Members of the Science and Technical Committee in the National Conference on "Advanced Developments of Medicinal Chemistry in Target Drug Design" held at Kongunadu Arts and Science College, Coimbatore, on 11 and 12 September 2014

Dr. M. Dhandapani, Associate Professor, Dept. of Chemistry, attended the Association meeting in Chemistry and delivered a talk on "Chemistry is not a Mystery" at Vellalar College for Women, Erode, on 16 September 2014

Dr. A. Muthusamy, Assistant Professor, Dept. of Chemistry, attended the Association meeting in Chemistry and delivered a talk on "Polymer-our friend" at Vellalar College for Women, Erode on 16 September 2014.

Dr. M. Dhandapani, Associate Professor, Dept. of Chemistry, was nominated as a member of the Editorial Board of the Journal Chemical Science and Review Letters.

Dr. G. Raja and Sri V. Mohanraj, Assistant Professors, Dept. of Chemistry, submitted proposals for Minor Research project to UGC, Hyderabad.

#### Students Activities

K. Sathya and P. Dhamodharan, Research scholars, Department of Chemistry, were selected as training visit fellows by University of Hyderabad for a period of six months from 21 August 2014 to pursue their research work.

M. Rajkumar and S. Balachandar, Research scholars, Department of Chemistry were selected as training visit fellows by University of Hyderabad for a period of six months from 8 September 2014 to pursue their research work.

Three third-year BSc (Chemistry) students participated in CHEM SKIT Quiz competition and secured the first prize. The event was organized by Kongunadu Arts and Science College, Coimbatore, 24 September 2014

#### Seminar / Symposium / Workshop/ Conference attended / papers presented / by students

Name of the Student(s)	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Dates
M. Rajkumar, K. Singaravelan, K. Parameswaran, V. Murugesan & E. Suresh	National seminar on "Water Crisis: The Challenges ahead of Global Governance", PSGR Krishnammal College for women, Coimbatore.		Participated	27 & 28 Aug. 2014
II MSc (Chemistry) Students	National conference on Advanced Developments of Medicinal Chemistry in Target Drug Design, Kongunadu Arts and Science College, Coimbatore – 29		Participated	11 & 12 Sep. 2014
Ms. V. Vidhya, M.Phil Scholar	National conference on Advanced Developments of Medicinal Chemistry in Target Drug Design, Kongunadu Arts and Science College, Coimbatore – 29	Ruthenium(II) Schiff base complexes: Synthesis, Spectroscopic investigations an Catalytic activitiy studies	Presented	11 & 12 Sep. 2014
Sri. G. Ayyannan, Ph.D Scholar	National conference on Advanced Developments of Medicinal Chemistry in Target Drug Design, Kongunadu Arts and Science College, Coimbatore – 29	Ru(II) complexes of 2-oxo-1,2- dihydroquinoline-3-3carbaldehyde thiosemicarbazone: Synthesis, Characterization and DNA interaction studies	Presented	11 & 12 Sep. 2014

#### DEPARTMENT OF ELECTRONICS


The Department of Electronics arranged an interview for our former students for the post of service Engineer in Recorders and Medicare Systems Pvt. Ltd, Chandigarh, on 18 July 2014 and selected Sri K. Ragunathan (2009-2012 Batch).

The Department of Electronics conducted an association meeting on 25 August 2014. Sri G. R. Thirumal, GRT Embedded Systems, Saravanampatty, Coimbatore, delivered a special address on "Recent Developments in Embedded Systems".

#### Staff Activities:

Dr. R. Thangavel, Associate Professor and HOD, Dept. of Electronics, delivered a guest lecture on "Ikkaala Soozhalum Ilaignargalin Nilaippaadum" at Adithya Institute of Technology, Coimbatore, on 19 July 2014.

#### Paper Presented in Symposium:-

Name of the Student	Title of the Paper	Name of the Conference	National / International / Place	Date
Dr. R. Thangavel, HOD & Associate Professor Dept. of Electronics 	Voice broadcaster based coal mine safety monitoring and controlling system with ZIGBEE and GSM	Technical Symposium (SANSUS'14)	National Level, SNS College of Engineering, Coimbatore	13 & 14 August 2014



**Students Activities:****Participation in Symposium**

Name of the Student(s)	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Dates
Sri S. Karthikeyan and Sri. C. N. Om Prakash Anand, M.Phil Scholars, Dept. of Electronics	Voice broadcaster based coal mine safety monitoring and controlling system with ZIGBEE and GSM		Participated	13 & 14 August 2014

S. Karthikeyan, M.Phil Scholar, Dept. of Electronics, won the second prize in the event 'LOOK and DO' conducted in a National Level Technical Symposium titled "SANUS'14" organized by SNS College of Engineering, Coimbatore on 13 & 14 August 2014.

**COMPUTER SCIENCE**

The department of Computer Science conducted an association meeting on 16 July 2014. Prof. A. Murali, Head of the Department of Computer Science, PSG College of Arts and Science, Coimbatore, delivered a special address on "Temporal Parallelsism".

Sixty-six students of BSc Computer Science and four staff members visited Infosys, Mysore, and other significant places in and around Mysore on 22 and 23 August 2014.







Association Meeting




Association Meeting

**Staff Activities:****Research Papers Published in Journals by Staff Members**

Name	Details of the Articles
Sri M. Ravichandran, Associate Prof. & Sri T. Parthasarathi, Department of Computer Science 	A Comparative Study of Brain Tumor Detection using K – Harmonic Means, Expectation Maximization and Hierarchical Clustering Algorithms, Journal of Innovative Research in Science, Engineering and Technology , Vol. 3, no. 5, p.2347 – 6710, July 2014

Name	Details of the Articles
Dr. A. V. Ramani, HOD, & Sri M. Ravichandran, Associate Professor, Dept. of Computer Science  	Measuring Software reliability using Fuzzy logic, International Journal of Soft Computing, Vol. 9, no. 5, p. 1816 – 9503, 2014
Dr. A. V. Ramani, HOD, & Sri R. Kannan, Associate Professor, Dept. of Computer Science 	Flow Based Analysis to identify botnet infected systems, Journal of Theoretical and applied information technology, Vol. 125, issue 02, Sep. 2014

**Papers Presented in Seminars / Conferences / Workshops:-**

Name of the staff	Title of the Paper	Name of the Conference	National / International / Place	Date
Sri S. Kumaravel Associate Professor 	Participated	International Conference on Big Data Analysis and Distributed Systems	National	20 & 21 June 2014

**Viva-voce examinations were held by staff of our college for the following students pursuing M.Phil**

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. A. V. Ramani	Ms T. Nadhiya	Procedure of unit testing under within stage overlap model in concurrent engineering	July 2014
Sri N. Kamaraj	Sri T. Muthuvel	Tracking down travel agencies geo-location using software engineering-MK II function point analysis	July 2014
Sri M. Chandran	Sri N. Mahesh	Cluster analysis and competitor mining with the web systems	Aug. 2014
Sri M. Ravichandran	Sri V. Ramesh	Persuasive cued click-points: Design, implementation, and evaluation of a knowledge-based authentication mechanism	Aug. 2014

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Sri N. Baskar	Sri. A. Senthil Kumar	Identifying the Leakage of daturin for explicit and sample dataset using e-optimal and e-random algorithms.	Sep. 2014

### Students Activities:

#### Conferences attended by students:-

Seven second and third year BSc (Computer Science) students participated in the Intercollegiate Meet "Edify 2K14" held at PKR College of Arts and Science for Women, Gobichettipalayam, on 12 August 2014

Ten second and third year BSc (Computer Science) students participated in the Intercollegiate Meet "Tech Shetra" held at NGM College, Pollachi, on 19 August 2014.

Eight second and third year BSc Computer Science students participated in the Intercollegiate Meet "E-Trix 14" held at Sree Saraswathi Thyagaraj College of Arts and Science, Pollachi, on 18 September 2014.

### CO-OPERATION


The PG and Research Department of Cooperation organized the "International Cooperative Day" on 25 July 2014. Sri S. Ramakrishnan, Joint Registrar and Managing Director, District Central Cooperative Bank, Coimbatore, delivered a special address on "Cooperative Enterprises Achieve sustainable Development for All"

The Department of Cooperation commenced an Add-on Course titled 'Certificate Course in Services Marketing' for the final year B.Com students from the Academic year 2014-15.




### Staff Activities:

#### Research Papers Published in Journals by Staff Members

Name	Details of the Articles
Dr. C. Vellaichamy, HOD, and Asst. Professor 	Synthesis, Growth, Crystal structure and Characterisation of 2 – Methyl imidazolium – 4 - Nitrobenzoate (4-Nitrobenzoic acid) Single Crystal, Journal of SOP Transactions of Physical Chemistry, Vol. 1, No. 2, Pg: 277 – 7105, 2014

#### Papers Presented/Attended in Seminars / Conferences/workshops:-

Name of the Staff	Title of the Paper	Name of the Conference	National / International / Place	Date
Sri M. Viswanathan, Asst. Professor, Dept. of Cooperation 	Participated	International Conference on Entrepreneurial Perspectives and Emergence (ICPE'14)	International, Alagappa University, Karaikudi	7 and 8 Aug. 2014

Name of the Staff	Title of the Paper	Name of the Conference	National / International / Place	Date
Dr. X. L. X. Wilson, Asst. Professor, Dept. of Cooperation 	The Power of Rural People- AMUL-The taste of India	National Seminar on Cooperative Enterprises for Sustainable development	National, TiruppurKumaran College for women, Tiruppur	27 Aug. 2014
Dr. P. Velusamy, Asst. Professor, Dept. of Cooperation 	Role of cooperatives in the socio economic development of nations	National Seminar on Cooperative Enterprises for Sustainable development	National Seminar on Cooperative Enterprises for Sustainable development	27 Aug. 2014
Dr. C. Vellaichamy, Associate Professor, and HOD, Dept. of Cooperation 	Participated	National Conference on Innovations in Banking-	National, Sri Ramakrishna Mission Vidyalaya College of Arts and Science	28 Aug. 2014

#### Viva-voce examinations were held by staff of our college for the following students pursuing M.Phil

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. D. Ubendhiran	A. Kannan	A study on performance analysis of Thiruchengodu, Agricultural Producer Marketing Society Ltd.(TCMS)	July 2014

#### Staff other Assignment

Dr. X. Lourdes Xavier Wilson, Assistant Professor, Dept. of Cooperation, delivered the key note address in the seminar on "Best Practices by European Cooperatives" held at Tiruppur Kumaran College for Women, Tiruppur, on 1 August 2014.

Dr. C. Vellaichamy, Associate Professor and HOD, Dept. of Cooperation, served as a member of Doctoral Committee's visit to the Department of Cooperation, Gandhigram Rural Institute, Dindigul, on 1 September 2014.

Dr. C. Vellaichamy, Associate Professor and HOD, Dept. of Cooperation, served as a resource person and delivered a lecture on "Recent Trends in Cooperative Banks" in the association meeting of the Department of Cooperation, Vellalar College for Women, Erode, on 15 September 2014.



**Students Activities**

Name of the Staff	Title of the Paper	Name of the Conference	National / International / Place	Date
Ms. D. Maharani, Ph.D Scholar, Dept. of Cooperation	Business and Marketing strategies adopted by AMUL	National Seminar on Cooperative Enterprises for Sustainable development TiruppurKumaran College for women, Tiruppur	Presented	27 Aug. 2014
Mrs. S. Tamilvani Ph.D Scholar, Dept. of Cooperation	Economic development through primary agricultural credit cooperative societies in tamilnaduv	National Seminar on Cooperative Enterprises for Sustainable development TiruppurKumaran College for women, Tiruppur	Presented	27 Aug. 2014
Sri P. Dineshkumar, Ph.D Scholar, Dept. of Cooperation	Sustainable Business Development of Avinashi Agricultural producers cooperative marketing society limited Sustainable Business Development of Avinashi Agricultural producers cooperative marketing society limited	National Seminar on Cooperative Enterprises for Sustainable development TiruppurKumaran College for women, Tiruppur	Presented	27 Aug. 2014
Sri S. Kesavan, M.Phil Scholar, Dept. of Cooperation	Role of Financial Management in District central Cooperative banking-A Study	National Seminar on Cooperative Enterprises for Sustainable development TiruppurKumaran College for women, Tiruppur	Presented	27 Aug. 2014

**SOCIAL WORK**

The PG and Research Department of Social Work celebrated the "Education Development Day" on 15 July 2014 at Panchayat Union Elementary School, Pudhupudur. Sri. R. Ramesh, President, PTA, Pudhupudur, delivered a special address.

The PG and Research Department of Social Work arranged an Education Awareness Programme" on 15 July 2014 at Chairman Raj Nagar, Coimbatore. Sri F. C. K. Nagaraj, 10th Ward Counselor, Coimbatore Corporation, delivered a special address.

The PG and Research Department of Social Work conducted a Veterinary Camp at Rayaruthupathi, Naickenpalayam Panchayat, Periyanaickenpalayam, on 2 August 2014, where 315 goats were treated.

The PG and Research Department of Social Work celebrated Independence day on 15 August 2014 at Panchayat Union Primary School, Pudhupudur and Saibaba Kovil Trust School, Saibaba Colony, Coimbatore.

The PG and Research Department of Social Work and 'FOR YOU CHILD', Chennai, organized a state-level workshop on 'Advocacy for Professional Social Workers' in the College on 18 August 2014. Staff members, social workers, research scholars and students from various institutions, numbering 130, participated.


The PG and Research Department of Social Work organized an

**Association Meeting**

health awareness programme at Anganwadi building, Chairman Raj Nagar, SaibabaKovil, Coimbatore, on 22 August 2014.

The University Grant Commission, New Delhi, sanctioned sum of Rs. 2,43,400.00 to V. Selvakumar, Research Scholar, Department of Social Work, as financial support for perusing his research work.

**Staff Activities****Papers Presented/Attended in Seminars / Conferences/workshops:-**

Name of the Staff	Title of the Paper	Name of the Conference	National / International / Place	Date
Dr. K. Nagaraju, Associate Professor & HOD, Dept. of Social Work		Participated	Bharathiar University& UNICEF Chennai Jointly organized a Conference on – "Prevention of Child Abuse & Challenges"	State Level Conference 19 Aug. 2014

**Staff other Assignment**

Dr. K. Nagaraju, Associate Professor and Head, Department of Social Work, served as a member of the affiliation committee for providing temporary affiliation of MSW Course to CSI College for Women, Erode, on 30 July 2014.

Sri J. B. Chandrasekar, Assistant Professor, Dept. of Social Work, served as a trainer for the community staff on "Methods and Approaches in Working with Children" at Preshitha Service Society, Coimbatore, on 30 July 2014.

**Viva-voce examinations were held by staff of our college for the following students pursuing Ph.D**

Supervisor	Candidate	Title of the Thesis	Month of the award of M.Phil
Dr. M. R. Natesan	Mrs. Joseph Thecia Lovitta Jovitta	A study on the Quality of Life of People Living with HIV in Chennai, Tamilnadu, India	August 2014

**Students Activities**

Name of the Students	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
G. Samparasu and K. Gandhiraj.K, Dept. of Social Work	Facilitators training workshop on learning to live together organised by ShanthiAshram ,Kovaipudur.	Participated		27 to 30 June 2014
29 second-year MSW students	Bharathiar University& UNICEF Chennai Jointly organized a state level Conference on – "Prevention of Child Abuse & Challenges"	Participated		19 Aug. 2014


Sri G. Sambarasu and Gandiraj, II MSW, participated in the Coimbatore Peace Festival organized by Shanthi Ashram, Coimbatore on 8 August 2014.

K. Purusothaman, II MSW, and S. Chandrasekar, II BSc (Physics), were awarded the Kamarajar Endowment Scholarship for the year 2013-14.

**UN-AIDED WING****GENERAL ACTIVITIES**

Spoken and Communicative English programme was started for second-year UG students by means of an English Software developed by Globerna, Hyderabad. The software contains Student Module and Teacher Module. The Student Module is designed such that the student listens to the lessons pre-recorded by experts. Each lesson, such as accent, rhythm, intonation, consonants, vowels etc. is dealt with separately and extensively and is followed by an exercise. After listening to the pre-recorded voice, the student is expected to record his own voice and compare the correctness of his/her pronunciation. Self-assessment at the end of each assignment is submitted to the teacher (server) for evaluation. The Teacher Module is designed to suit the need from the existing database. New words / sentences may be added to the database for practice. Communication with the student is facilitated from teacher module (server machine). Option is provided to review student work and maintain the record of all the pronounced words for each individual separately. Student evaluation tests can be designed from existing database.

**Details of Workshops Attended:**

Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
Sri L. Suresh, Asst. Professor, Dept. of English	 National Level Workshop on "Writing Research Articles" at Sarah College of Education, Erode	Participated		23 August 2014

**COMMERCE**

Sri U. Elanzehiyan, Professor, Institute of Chartered Accountants, Coimbatore, delivered a talk on "Professional Felicitation and Vocational Mentoring" on 25 July 2014 for B.Com(CA) students.

Sri A. Balasubramaniam, Director, Gowtham Commerce Institute, Coimbatore, delivered a talk on "Awareness Program on CA/ICWA/ACS" on 31 July 2014 for B.Com students. The content of the speech was about the subjects available in CA, ICWA and ACS, method to prepare for examination, way of writing during examination and best practices to be practiced for being a good auditor.

Sri R. Rajagopalan, former General Manager, Reserve Bank of India, delivered a talk on "Foreign Exchange for You" and Sri T. S. Dharmalingam, Deputy Collector, delivered a talk on "Managerial Techniques" on 1 August 2014 for B.Com and B.Com(CA) students. The content of Sri R. Rajagopalan's talk was Foreign Exchange Management Act, Foreign Exchange Regulation Act, Capital and Current Account Transactions, Foreign Direct Investment, External Trade and Payment, Role of RBI in Foreign Exchange and so on. The content of Sri T.S Dharmalingam's talk was Involvement and Enthusiasm at work, good listening attitude both to superiors and subordinates, exhibiting patience in bearing the difficulties caused by colleagues, superior authorities and subordinates. He presented the talk with examples of real situations that happened during his tenure.

Dr. P. Thrunavukkarasu, Associate Professor, Department of Electronics, delivered a talk on "NandrumThithum PrirarThara Vaara" for B.Com and B.Com (CA) students during the prayer meeting on 20 August 2014.

A National Level Conference on "Innovations in Banking" was conducted on 28 August 2014 by the Department of Commerce (CA). Swami Abhiramananda, Secretary, Ramakrishna Mission Vidyalaya, delivered the benedictory address, Sri R Inigoarulselvan, District Development Manager,



Association Meeting



Association Meeting



National Conference

National Bank for Agriculture and Rural Development, delivered the inaugural address. Sri J Vanagamudi, Chief Manager, Canara Bank, delivered a talk on "Core and Mobile Banking". In all, 705 participants attended the conference including 342 students and 102 faculty members & research scholars from other colleges and 261 students from our college. During the conference, 110 papers were presented. Technical sessions were chaired by Dr. M. Gomatheeswaran, Dr. M. Revathi Bala, Dr. R. Gayathri and Dr. S. Shanti. Following students received the first three best paper awards





National Conference



National Conference

Prize	Name and College
I	B. Gayathri, Kongu ollege, Erode
II	Alex, SNS Arts and Science College, CBE
III	P. Deepa, Vivekananda Institute of Management, CBE

**Staff Activities****Papers Presented in Seminars / Conferences / Workshops:**

Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
Dr. R. Mayilsamy, Asst. Professor, Dept. of Commerce(CA)	 National Level Conference on "Cooperative Enterprises for Sustainable Development" at Tiruppur Kumaran College for Women	Human Resource Practices in District Central Cooperative	Presented	27 Aug. 2014
Sri A. Balagurusamy, Head, Dept. of Commerce	 National Conference on "E-Dealings" at Sankara College of Science and Commerce, Coimbatore	E-Finance	Presented	19 Sep. 2014

**Student Activities****Details of Seminars / Conferences / Workshops Attended by Students:**

Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
P. Manigandan and K. Karthikeyan	Conference on "Non-Performing Assets of Indian Banking"	Problems of Non-Performing Assets	Presented	22 & 23 August 2014
A. Thamodharan and P. Nikesh	Conference on "Non-Performing Assets of Indian Banking"	Non-Performing Assets in Commercial Bank	Presented	22 & 23 August 2014



Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
S. Karthickraja, S. Yuvaraja & V. B. Pradeep, III B.Com	One day Conference on "Redefining HR Strategies – Emerging Perspectives", Dr.NGP Arts and Science College, Coimbatore	Talent Management	Presented	17 Sep. 2014
M.Vijayakumar & A.Thamodharan, III B.Com	National Conference on "E-Dealings", Sankara College of Science and Commerce, Coimbatore	E-Tickets	Presented	19 Sep. 2014
S.Yuvaraja & V. B. Pradeep, III B.Com	National Conference on "E-Dealings", Sankara College of Science and Commerce, Coimbatore	E-Logistics	Presented	19 Sep. 2014
R. Sriram, III B.Com	National Conference on "E-Dealings", Sankara College of Science and Commerce, Coimbatore	E-Marketing	Presented	19 Sep. 2014

S. Rajkumar, I B.Com, won a prize of Rs 1000 for his recitation of Bharathiar Poems in a event conducted by Murasoli Arakattalai on 26 July 2014. R. Sriram, III B.Com, and K. Kannan, I B.Com, also participated.

A Certificate course on "Online Marketing" was started by the Department of B.Com (CA) on 31 July 2014. In all, 62 students enrolled.

A Certificate course on "Export and Import Procedures and Documentation" was started by the Department of B.Com on 4 August 2014. In all, 29 students enrolled.

Sri V Nandhakumar, Asst. Professor, B.Com (CA), along with 12 students, attended the National Youth Convention at Hyderabad from 8 to 10 August 2014.

Sixteen students of B.Com attended a VAT and E-Filing workshop at Srikara Multispeciality Professional Training Hub, Coimbatore, on 9 August 2014.

V. Aravindan, III B.Com, participated in the Kovai Mega Marathon 2014 at Coimbatore on 17 August 2014.

R. Sriram, III B.Com, presented a paper on "Functional Management in Marketing" in the International Seminar on Global Economic Revival: A Changing Scenario, conducted at Jamal Mohamed College, Trichy, on 16 and 17 August 2014.

Two staff members and 6 six students of the Department of Commerce conducted Internal Audit at Ramakrishna Mission Vidyalaya ITI from 18 to 20 August 2014.

M. Jegankumar and B Durairaj, III B.Com, secured the first prize in Business Quiz held at Karpagam University on 21 August 2014.

R. Ravikiran, S. Alaguvel, P. Nikesh, III B.Com, presented a paper on "Global Finance Flow and Institutions Free and Fair Trade"; M. Gokul and K. Karthik, III B.Com, presented a paper on "Insurance Sector – Foreign Direct Investment" in the seminar on "Global Finance: Issues and Challenges" held at SNR Arts and Science College on 27 August 2014.

Ten students of B.Com course attended a Job Fair conducted by Angappa College of Arts and Science College, Coimbatore, on 12 September 2014.

The following students participated in "Felix'14" competitions held on 19 September 2014 at Sree Saraswathi Thyagaraja College, Pollachi and won the overall Champion Award: Ravikiran, III B.Com, won the First Prize in Best Manager event; R. Ravikiran, P. Nikesh, G. Gokul, P. Manigandan, and S. Vijay, III B.Com students, won the second prize for MIME; K. Abshiek Bharadwaj, III B.Com(CA), won the first prize in Business Puzzle; and Ajay John, III B.Com(CA), won the second prize in Best Manager event.

## COMPUTER SCIENCE

Sri T Muthuvel, Team Leader, Valuesoft Solutions Pvt. Ltd, Bangalore, delivered a talk on "Opportunities in IT" for II, III B.Sc(IT) students on 18 July 2014.



Felix 14 - Overall Champion Award



Association Meeting

Dr. B. Selvaraj, Associate Professor, Department of Psychology, Government Arts College, delivered a talk on "Personality Development and Confidence Building" on 25 July 2014 for BCA students.

Sri C. R. Sakthivel, HoD, Dept. of Computer Science, attended a State Level meeting of ICTACT-Bridge 2014 at Coimbatore on 25 June 2014. The meeting focused on "Emerging Trends in IT". (ICTACT-Information Communication Technology Academy of Tamilnadu)

Sri C.V. Shamanna, former Electrical Engineer, Karanataka State Electricity Board, volunteered to take classes on "English Language Conversation and Interaction" from 4 Aug 2014 onwards for II B.Sc(IT) students.

Sri K. M. Davis, Senior Software Developer, Femtosoft Solutions, delivered a talk on "Project Development and Deployment Using 3-Tier Architecture" on 7 August 2014 for B.Sc (CS) students. The content of his talk focused on software architecture of different domain, connectivities to front end application and backend databases and optimal way of writing the coding.

Sri C. Saravanan, Web Developer, delivered a talk on "Cloud Computing" for B.Sc(IT) students on 8 August 2014. The content of his talk was on basics of Cloud Computing, efficiency in processing data, cost effectiveness, scalability and portability for any device.

Sri P. Aravinth, System Analyst, Sonata Software, Bangalore, delivered a talk on "Usages of Advanced ASP.NET" on 28 August 2014 for students of B.Sc (IT).

Sri C Vivek, System Analyst, Sonata Software, Bangalore, delivered a talk on "Programming Skills Needed for IT Industry" on 28 August 2014 for students of III BCA

Dr. N. Shunmugam, Associate Professor, Dept. of Tamil, delivered a talk on "Habits to be practiced in everyday life" for B.Sc (CS), BCA and B.Sc (IT) students on 10 September 2014.

Dr. V. Vijayakumar, Associate Professor, Ramakrishna Engineering College, delivered a talk on "Big Data Analytics" for B.Sc (CS) students on 10 September 2014

Sri R, Thangavel, Tamil Teacher, Swami Shivananda Higher Secondary School, delivered a talk on "Life of Swami Vivekananda" for the benefit of B.Sc (CS), BCA and B.Sc (IT) students on 17 September 2014.

Sri S. Sivaram, former Senior Manager, Accenture, delivered a talk on "Opportunities in IT" for B.Sc (CS) BCA, B.Sc (IT) students on 19 September 2014.

A National conference on "Emerging Computer Technology" was conducted on 23 September 2014. Swami Nirmaleshananda delivered the benedictory address and Sri Balajiraju delivered the keynote address. In all, 251 candidates participated in the conference and 58 papers were presented during the technical session. The chairpersons for the technical sessions were: Dr. A. V. Senthilkumar, Director, MCA, SNS Rajalakshmi Arts and Science College, Dr. A. Marimuthu, Associate Professor, Dept. of Computer Science, Government Arts College, Dr. P. Sumathi, Assitant Professor and PG Research Head, Department of Computer Science, Government Arts College, Dr. S. Nagaraj, Associate Professor, Dept. of Computer Science, CMS College of Science and Commerce. The chief guest for the valedictory function was Sri V. Mukundhan, Director, Research and Development, Mobius 365, Coimbatore. Three prizes were distributed to students who had presented the best three papers.



Association Meeting



Association Meeting



National Conference



National Conference









Prize	Name and College
I	D. Sudhakar, Nehru Arts and Science College
II	Prabakaran, Jodhpur National University
III	B. Azhagusundari, NGM College, CBE

Dr. V. Ponnusamy, HoD, Dept. of Physics, delivered a talk on "Manithannae Magathannavan" during the prayer meeting on 25 September 2014. Students of B.Sc (CS), B.Sc (IT) and BCA attended.



### Staff Activities

### Research Papers Published in Journals by Staff Members

Name	Details of the Articles	
Sri C. R. Sakthivel, HoD, Dept. of Computer Science		A Comparative Study of Brain Tumor Detection using K – Harmonic Means, Expectation Maximization and Hierarchical Clustering Algorithms, Journal of Innovative Research in Science, Engineering and Technology , Vol. 3, no. 5, p.2347 – 6710, July 2014
Sri M, Jaikumar, HoD, Dept. of BCA		An Extensive Approach on Random Testing with Add-on Technique for Novel Test Case Generation, International Journal of Information Technology and Computer Science, Vol.6, p. 23-28, July 2014
Sri V. Dineshkumar, Asst. Professor, Dept. of CA		Finding Similarity between Search Results from Web Databases using Clustering Algorithm, International Journal of Computer Trend and Technology, Vol. 14, issue 2, p. 17-25, Aug. 2014, ISSN 2231-2803.
Sri S. Somasundaram, Sri M. Chandran, & Sri G.K. Prabhu Asst Professor, Dept. of CA	  	Discovery of Geo-Location by tracing IP address using VLSP Technique, International Journal of P2P Network Trends and Technology, Vol. 11, p. 18-24, Sep. 2014.

### Papers Presented/Attended in Seminars / Conferences/workshops:-

Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
Sri V. Dineshkumar, Asst. Professor, Dept. of CA	Faculty Development Program on "Apache Hadoop and Big Data Technologies" by Indian Society of Technical Education and Punjab Technical University at Dr NGP Institute of Technology, Coimbatore		Participated	23 to 29 June 2014

Name of the Staff	Name and place of the seminar / Symposium / Workshop/ Conference	Title of Paper	Presented / Participated	Date
Sri R. Balamurugan, Asst. Professor, Dept. of Computer Science	Workshop on "Computer Technology for Visually Impaired which are related to Impact of Accessibility and Assistive Technology in the context of Education" at Ramakrishna Mission Vivekananda University, Coimbatore.		Participated	4 to 6 July 2014
Sri G. K. Prabhu and Sri G Muhundhan, Asst Professors, Dept. of CA	National Workshop on "E-Content Development for Enhancing Pedagogical Skills for Teachers in Higher Education" at Christ University, Bangalore.		Participated	9 to 11 Sep. 2014
Sri S. Muthukumar and Sri K. Soundarraj, Asst Professor, Dept. of Computer Science	Level seminar "Smart Approaches in Computing Technologies and its Application" at RV College of Arts and Science	A Brief Survey on Different Clustering Methods	Presented	12 Sep. 2014
Sri R. Ravikumar, Asst Professor, Dept. of IT	National Conference on "E-Dealings", Sankara College of Science and Commerce, Coimbatore		Participated	19 and 20 Sep. 2014

### Staff Achievement

Sri M. Jaikumar HOD, Dept. of BCA, and also the Company Commander, Tamil Nadu Home Guards, Coimbatore, received the "Exceptional Service Medal" on Independence Day from Tmt. Archana Patnaik IAS., Collector of Coimbatore district.

### Staff other Assignment

Dr. R. Sridhar, Head, Dept. of MCA, acted as a Chairperson and Sri C. R Sakthivel, Head, Dept. of Computer Science, acted as Co-chairperson to evaluate presentation of papers in the National Level Seminar on "Smart Approaches in Computing Technologies and its Application" held at RV College of Arts and Science on 12 September 2014.

Dr. R. Sridhar, Head, Dept. of MCA, delivered a talk on "Spatial Datamining in Geospatial Technology" at JSS University, Mysore, on 10 August 2014. Twenty-six Associate Professors from different universities across India working in the field of Geospatial Technology attended the workshop sponsored by DST-NRDMs (Department of Science and Technology – Natural Resources Data Management System). The content of his speech was Datamining Algorithms and Techniques, Application of Fuzzy Logic, Bayesian Classification and so on.

Sri M. Jaikumar, Head, Dept. of BCA, delivered a talk on "Recent Trends in IT and Career Opportunities" at Nanjiah Lingammal Polytechnic College on 8 August 2014. The content of his speech was about Cloud Computing, Business Outsource Processing, Knowledge Outsource Processing, Client – Server Technology and Web Services.

Sri C. R. Sakthivel, Head, Dept. of Computer Science, delivered a talk on "Human Values" in a value education programme for NSS students on 15 August 2014.

Dr. R. Sridhar, Head, Department of MCA, delivered a talk on "Datamining Techniques and Pattern Extraction for Cognitive Science" for





PhD Research Scholars at S-VYASA (Swami Vivekananda Yoga Anusandhana Samsthana University), Bangalore, on 30 August 2014.

Sri M. K. Prakash, Asst. Professor, Dept. of Computer Applications, delivered talk on "Introduction to PHP" at Vellalar College of Engineering and Technology on 6 September 2014.

Sri M. Jaikumar, HoD, Dept. of BCA, Sri G. Muhundhan, Asst. Professor, Dept. Computer Application and 4 students of II BCA, participated in a Wall Painting event on the theme "Social Cause and Awareness Through Painting" organized at Goods Shed Road, Coimbatore, by Southern Railways and Aram Foundation as part of the "My City, Clean City" programme held on 6 September 2014.

Dr. R. Sridhar, Head, Dept. of MCA, and Sri N. Somasundaram, Network Administrator, had a meeting with Sri Saravana Kumar, Founder and CTO, BizTalk360 and Sri T. Arunkumar, Team Lead, BizTalk 360, on 8 September 2013 with regard to the 'Work Integrated Learning Programme' of MCA.

Sri M. Jaikumar, HoD, Dept. of BCA and Company Commander of Home Guards, along with his team, distributed clothes, rice and biscuit packets for tribal people at Thengumarahada of Nilgiris District as part of extension activities on 7 September 2014.

A short documentary film on "Human Brain Activities" was screened for the benefit of BCA students during association hour.

### Student Activities

V. Logeshkumar, G. Clement Bruno, S. Dino and S. Vignesh of II B.Sc. (IT), and S Bhuvaneshwaran of II BCA won 2nd prize in a Marketing Event held in the Intercollegiate Meet conducted by PKR Arts and Science College on 12 August 2014. Ten students participated in other events.

Sixteen students of BCA and 6 students of B.Sc (IT), participated in the Intercollegiate Meet at Kovai Kalaimagal College of Arts and Science on 22 August 2014.

M. Bharat, J. R. Yogesh and M. Vibin, B.Sc (CS), participated in a Short Film event conducted at Coimbatore Medical College on 12 September 2014.

The following students of BCA presented papers in the National Level seminar "Smart Approaches in Computing Technologies and its Application" held at RV College of Arts and Science on 12 Sept 2014.

Name of the student	Paper
U. Deepak & M. Sivamurgan	Android and its application
S. Rajkumar &	Prabakaran, Jodhpur National University
M. Muthujeyasakthivelan	Comparative study on static and Dynamic Routing
M Sarathkumar & M Kumaraguru	A survey on subnet technique of IPV4 address

S. Vishnu, II BCA, won the first prize in a painting competition held as part of the event titled "Agathiyam 2014" conducted by CMC, Coimbatore, on 12 September 2014.

### ACADEMIC EXTENSION ACTIVITIES

The Department of B.Com organized the Extension programme about "Online Banking Services" on 28.07.2014 at Government Hr. Sec. School, Kalapatti, Coimbatore. 122 plus two commerce students attended the programme. The introduction about banking and its basic functions were explained by Mr.N.Gopalsamy, Asst. Professor in Commerce. Mr.A.Balagurusamy, Asst. Professor and Head, Dept. of Commerce explained and demonstrated about transfer the funds (NEFT), Access account Information, Mobile Recharge, Online Reservation (Bus and Train tickets), Payment of Bills (EB Bill, LIC Premium, Online shopping), and Payment of Tax. Feedback was collected from all the students.



Social cause and Awareness Through Painting



Rice Bucket Challenge



Commerce Academic Extension Activities



Commerce Academic Extension Activities

The Department of Computer Science conducted an academic-based extension activity programme on "Internet Fundamentals" for 103 higher secondary students and 10 staff of T. Duraisamy Gowda Higher Secondary School, Seliyur, on 31 July 2014. Internet concepts were explained by Sri C. R. Sakthivel, Head, Dept. of Computer Science; and Sri K. Soundarraj, Asst. Professor, Dept. of Computer Science, through powerpoint presentation. Four laptops with datacards were provided for hands-on experience since there is no computer lab facility in the school. The students enjoyed the practical session using laptop and learnt to browse their subject content and were able to appreciate the advantages of the internet. The event ended with the distribution of prizes for the winners of a quiz programme which was conducted by our staff members.



Computer Science Academic Extension Activities



Computer Science Academic Extension Activities

The Department of BCA organized an academic extension program on "Current Technologies in Computer World and Career Opportunities" on 23 August 2014 at Government Higher Secondary School, Sirumugai. Sixty students and eight staff members participated. Sri M. Jaikumar, Head, Dept. of BCA, Sri V. Dineshkumar, Sri M. K. Prakash, Sri G. Muhundhan, Asst. Professors, Dept. of BCA, enlightened the students about the usage of internet, On-line Transactions, Net Banking, Video Conferencing using Skype, Multimedia and its applications, Google Apps, etc. A quiz was conducted and prizes were distributed to the winners. Feedback from students and school teachers revealed that programme was extremely useful, purposeful and practical. Requests were received to conduct similar programmes every year.



Computer Applications Academic Extension Activities



Computer Applications Academic Extension Activities



## CAREER GUIDANCE AND PLACEMENT CELL

The Career Guidance and Placement Cell of the College, in collaboration with Indian Institute of Logistics, Chennai, conducted an awareness programme on 'Career Opportunities in Logistics and Shipping' at GKD Auditorium on 18 August 2014. A team led by Sri Ragvel Eebinezer, Regional Manager, Pan India, Dubai region, explained about the career opportunities available in the logistics Industry. All the final year UG students of both Aided and unaided wings attended the programme.

The Career Guidance and Placement (CGP) cell conducted a "Motivational Camp to Joint Indian Air Force" on 10 September 2014 at GKD Auditorium. Sri K.P. Singh, Indian Air Force Station, Thambaram, Chennai, Mrs. Jothimani, Additional Director, Employment and Training Department, Coimbatore Division, and Sri S. Sureshkumar, Deputy Director, Ex-service men Welfare Department, Coimbatore, served as resource persons and explained the methods of preparation for recruitment in Indian Air Force and the facilities available after joining the Air Force. All final year students of aided and unaided wings participated in the programme.

## PHYSICAL EDUCATION

The shuttle badminton and football teams of the College secured the second place in the Inter-Vidyalaya Tournament 2014 held from 30 July 2014 to 4 August 2014.

The Annual Athletic Meet was conducted in RKMVU GAPEY grounds on 8 August 2014.

The Bharathiar University Inter-collegiate "A" Zone cricket tournament was held in the College campus from 12 to 23 August 2014. Seventeen colleges participated in the programme. SNR Sons College, Coimbatore, emerged winners and Dr. S. N. S. College, Coimbatore, as the runners-up.

The Department of Physical Education organized the Inter Vidyalaya Mini Marathon on 23 August 2014. Three categories, namely, 6th & 7th Stds., 8th & 9th Stds., and College-level with respective distances of 4km, 8km and 12km were organized. Swami Garishthananda inaugurated the event. Around 1000 students participated. Swami Nirmaleshananda, Dr. C. Jayabalakrishnan, Principal, Dr. R. Sridhar, Director, Unaided Wing, Dr. S. Alagesan, Professor and Head, GAPEY, RKMVU, distributed the prizes. The list of top ten winners in each category is given below:

The Inter-Vidyalaya Staff Shuttle tournament was held at our college Indoor stadium from 25 to 27 August 2014

The College Football team secured the second place in the Bharathiar University Inter-Collegiate "A" Zone Football Tournament held at Sankara College, Coimbatore, from 25 to 27 August 2014.

Nine students of the College participated in the Bharathiar University Inter-collegiate cross country competition (12 km) held at Gobi Arts College, Gobichettipalayam, on 28 August 2014.

R. Sakthivel, III BSc (IT), secured the second place in the Bharathiar University Inter-Collegiate Weight-Lifting Competition held at Rathinam College of Arts and Science, Coimbatore, on 3 September 2014.

P. Hariharan, III BCom (CA), secured the third place in the Bharathiar University Inter-Collegiate Power Lifting Competition held at Rathinam College of Arts and Science, Coimbatore, on 4 September 2014.

The College organized the Bharathiar University Inter-Collegiate Handball Tournament from 11 to 13 September 2014 in the College campus and the College team secured the fourth place.



Career Guidance and Placement Cell



Career Guidance and Placement Cell



Mini Marathon



Mini Marathon

The College Football team participated in the Bharathiar University Inter- Collegiate Football (Inter Zone) Tournament held at Sankara College of Science and Commerce, Coimbatore, from 11 to 13 September 2014 and secured the fourth place.

The following students participated in the South Zone Inter-University Handball Tournament which was held at Periyar University, Salem, from 29 September 2014 to 3 October 2014.

1. Sri V. Panner Selvam – I BSc IT
2. Sri B. Arunvel – II B.Com
3. Sri V. Sanjeev – II B.Com (Coop)



Sri V.Panner Selvam



Sri B.Arunvel



Sri V.Sanjeev

The College Softball team participated in the Bharathiar University Inter-Collegiate Softball Tournament held at CMS College of Arts and Science, Coimbatore, on 25 & 26 September 2014 and secured the third place.

## FINE ARTS AND LITERARY CLUB

Twenty two students participated in the first round of Swami Vivekananda's Chicago Address Competition (Tamil) held on 26 August 2014. Nine students were shortlisted for the final round which was held on 27 August 2014.

The list of prize winners of the Tamil and English Oratorical Competition held in the aided college is given below:

Prizes	Tamil	English
First	Sri S. Kathiresan, III B.Sc (CS)	Sri D. Ramprakash, I B.A.(Eng Lit)
Second	Sri S. Rajkumar, III B.Sc (CS)	Sri R. Parthiban, III B.Sc (CS)
Third	Sri S. Ragul, I B.A (Eng Lit)	Sri N. Gopinath, I B.Sc (CS)

S. Kathiresan, III B.Sc (CS) and D. Ramprakash, I B.A. (Eng Lit), represented the College in the Tamil and English categories respectively of the Inter-Vidyalaya College-level Oratorical Competition held on 11 September 2014 at the indoor stadium.

Swami Vivekananda Chicago Address Oratorical Competition was conducted on 26 August 2014. Three students out of 9 were selected for final round in the English category and 9 students out of 33 were selected for second round in Tamil category. The Final round was conducted on 1 September 2014. The results at the College-level are given below:

Prize	Tamil Elocution	English Elocution
First	S Ramanathan – III B.Com(CA)-B	M.K Ramachandran -II B.Com(CA)- B
Second	C Vinothkumar-I B.Sc(CS)	B.S.Saravanan – I B.Sc(IT)
Third	A Kajahussain-II B.Com(CA) –B	K.Vineeth – II B.Sc(CS)

Second-year B.Com(CA) and B.Com students attended the "Swami Vivekananda Chicago Address Recitation" function at Indoor Stadium on 11 September 2014.

The Literary Club organized a programme on 21 August 2014. Swami Garishthananda, Secretary of the College, presided over the function. Dr. N. Shunmugom, Associate Professor, Dept. of Tamil, delivered a talk on "பழமொழிகள் வெளிப்படுத்தும் வாழ்வியல் பண்பாடு". A total of 60 staff members participated in the programme.

Literary club organized a programme on 11 September 2014. Dr. T. Balamurugan, Assistant Professor, Dept. of Tamil, delivered a talk on "ஆசாரகோவை கூறும் வாழ்வியல் நெறிகள்". Seventy staff members participated in the programme.

The Literary Club organized a programme on 25 September 2014. Dr. R. Gokul, Assistant Professor, Dept. of Tamil, delivered a talk on "சுவாமி விவேகானந்தரின் கடிதங்களில் வரலாற்றுப் பதிவுகள்". Sixty staff members participated in the programme.



Literary club



Literary club



## RESEARCH AND FACULTY ENRICHMENT COUNCIL (RFE)

The Research and Faculty Enrichment council (RFE) of our college organized a programme on 16 July 2014 at GKD Auditorium to enlighten students about the Union Government Budget 2014-15. Sri K. Annamalai, Capital Service Private Limited, Coimbatore, delivered a talk on 'Highlights of the Budget 2014-15 and Tax Saving Instruments'. All the teaching and non teaching staff members from aided and unaided wings and about 100 BCom students attended the meeting.

## SOCIAL AND ENVIRONMENTAL SENSITIZATION CLUB (SESC)

The club planted four Netlinga tree saplings (Ashoka tree), 2 tree saplings of Flame of the Forest and one sapling of Bahunia (Kokku Mandarai). All the planted saplings are being watered by our student-volunteers regularly.

In an effort to create environmental awareness, 116 plants were planted around the playground of the College by staff members of the College and monastic members of the Vidyalaya on 28 July 2014.

## NSS

The Inaugural function of the NSS Regular Activities for the academic year 2014-15 was held on 3 July 2014 at the GKD Auditorium. A total of 260 first-year NSS volunteers and three NSS programme officers participated. Swami Garishthananda, Secretary of the College, gave a benedictory address. Dr. C. Jayabalakrishnan, Principal, presided over the function. The Chief guest, Dr. K. Kandappan, former Principal of the College, shared his experiences of NSS activities.

Twenty NSS volunteers served in crowd and traffic control duty during a function at Arulmigu Mariamman Temple at Gudalur Koundampalayam on 5 July 2014. The trustees of the temple appreciated the services.

The NSS unit conducted a personality development programme on 10 July 2014 at GKD auditorium. A total of 360 volunteers from first and second years and three NSS programme officers participated. Dr. K. Sathyanathan welcomed the gathering. Dr. C. Jayabalakrishnan, Principal, presided over the function. The chief guest Dr. J. Paranjothi Ramalingam, former HOD, Dept. of Social Work of the College, delivered a special address.

The NSS unit organized a function on the occasion of Education Development Day on 15 July 2014. Dr. G. Amirthaganesan, Associate Professor, Dept. of Chemistry, delivered a special address on the topic 'Role of Kamarajar in Education'.

## NCC

The NCC Unit organized the observance of 'International Day against Drug Abuse and Illicit Trafficking' on 2 June 2014. Swami Garishthananda, Secretary, presided over the function. Dr. K. Kandappan, former Principal of the College, delivered a special address on "Drug Abuse".

Twenty nine cadets attended the CATC, RD selection and Sports Camps at Chikkanna Govt. Arts College, Tiruppur, from 2 to 11 August 2014.

NCC parades were conducted on 13, 14 and 15 August 2014.

Five cadets attended a sports camp at Govt. Arts College, Udumalpet,



Research and Faculty Enrichment Council



Research and Faculty Enrichment Council



Social and Environmental Sensitization Club



NSS Meeting



Educational Development Day

from 2 August 2014 to 3 September 2014.

Five cadets took part in an Army Attachment camp in Secunderabad from 1 to 18 September 2014.

SCUO P. V. Mohammed Shiyas and SCUO R. Rajesekar attended an RD selection camp at Karpagam University, Coimbatore, from 4 to 13 September 2014.

Three cadets participated in the Independence Day celebrations at Dr. R. V. College of Arts and Science, Karamadai, on 15 August 2014.

Forty five cadets took active participation in the discipline maintenance and traffic regulation duty during the puppet show organized at the indoor stadium on 26, 27 and 28 August 2014.

## INDUSTRIAL VISIT

A batch of twenty second-year MSc (Chemistry) students accompanied by two staff members, Dr. M. Sekar Sri V. Mohanraj went on an industrial visit to CFTRI (Central Food Technology and Institute), Mysore, on 27 September 2014.

Students of III B.Com, along with Sri A. Balagurusamy and P. Sundaramurthy, visited "The Coimbatore Co-operative Milk Producers Unit Limited", Perur, Coimbatore on 26 July 2014 as part of their Industrial Visit.

Students of II B.Com, along with staff members, visited "Hatsun Agro Products Ltd", Salem, on 13 September 2014 as part of their Industrial Visit.



International Day against Drug Abuse



Industrial Visit



Industrial Visit



Industrial Visit



Industrial Visit



Industrial Visit



## ALUMNI MEETING

Twenty five alumni members attended the Silver Jubilee Alumni Meet on 3 August 2014.

Alumni meeting was conducted on 21 September 2014. In all, 233 members participated. Swami Abhiramananda, Secretary, Ramakrishna Mission Vidyalaya, delivered the benedictory address. Other highlight were participation by the members in indoor games and interaction with the present students.



Alumni Meet



Alumni Meet



Alumni Meet



Alumni Meet



Alumni Meet



Alumni Meet

For more details contact :

**Swami Garishthananda**

Secretary, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore - 641 020

Phone : (0422) 2692461 | Fax : 0422 - 2693812 | e-mail : [srmvcascbe@gmail.com](mailto:srmvcascbe@gmail.com) | Website : [www.srmvcas.org](http://www.srmvcas.org)