

## **REPORT OF THE COLLEGE ACTIVITIES - 2015 – 2016**

**O Lord, How majestic is your name in all the Earth!**

**You have set your glory above the heavens**

**PSALM: 8 : 1**

### **Introduction”**

Wonderful are his gifts; here I am to proclaim His Glory. With immense pride and boundless joy, I appeal to the dignitaries on and off the stage to lend their ears to my presentation of Annual Report for 2015-2016. It is a blissful Day with his gracious presence of His Excellency, the Most Rev. Eugene Joseph, Bishop of Varanasi, to partake in the happiness of our achievements. The day is made memorable with the first visit of Dr. Mrs. G. Valli, Vice-Chancellor, Mother Teresa Women's University, Kodaikanal. I consider Rev. Sr. Dr. A. Maria Alphonsal, Mother Superior, Rev. Sr. Dr. P. Helen Chandra, Secretary, Rev. Sr. Dr. B.J. Queensly Jeyanthi & Dr. Mrs. G. Michael Rosario, Vice-Principals, Rev. Sr. Dr. S. Jesu Rani, Controller of Examinations and Dr. Mrs. J. Delphine Prema Dhanaseeli, Dean, my bedrock of steadfast support. It's my pleasure to acknowledge the presence of the benevolent members of the Donors' family, Rev. Fathers, Sisters of our own and other Congregations, Esteemed Guests, Press Reporters, the Teaching and the Non-teaching staff, the parents of our students and our beloved students.

The monumental achievements of 2015 – 16 are the fruits of systematic design and strenuous toil of the Management, the Staff and the Students. The relentless march towards academic and administrative excellence has culminated in success through the motto **Serve with Love**. The empowered Rural Women through personalized quality education has proved themselves the manifestation of the Vision of the College. The fruitful events of the College are the hall mark of the Mission of JAC.

Spiritual nourishment is the mainstay of the Management, the staff and the students who have basked in spiritual values throughout the academic year. Daily intercom prayer, every day prayer meeting for the volunteers of Campus Ministry, Lord's prayer in the beginning of each class, monthly prayer meeting in

the Departments and regular prayer before the commencement of any activity anywhere in and out of the college permeate spiritual aura around the campus.

The blessings of the Lord were fervently sought with the Holy Spirit Mass professed by Rev. Fr. Maria Michael, Parish Priest, V.F., Madurai on 24<sup>th</sup> July, 2015;

St. Anne's Feast was celebrated with all gaiety on 25<sup>th</sup> July, 2015;

Campus Ministry, Xavier Board of Higher Education in India and AIACHE organized Holistic Development Programme rendered separately for the students by Rev. Fr. Sagaya Raj, Anugraha, Dindigul on 26<sup>th</sup> August and Br. Johnson, Divine Retreat Centre, Kovai on 27<sup>th</sup> and 28<sup>th</sup> August, 2016. Rev. Fr. David, Br. Jude and Br. Heman, Redemptorist, Bangalore, from 26<sup>th</sup> to 28<sup>th</sup> August, for the staff.

The **Bible Day was celebrated** with religious fervour on 11<sup>th</sup> September, 2015:

The Celebration of X'mas radiated the blissful grace of the Baby Christ Who has renewed hope for the fruitful year ahead with the enlightening Christmas message spelt by Rev. Fr. John Martin, V.F., and Parish Priest of Theni, on 22<sup>nd</sup> December, 2015.

### **Introduction of New Courses:**

JAC caters to the demands of the students as well as the society by introducing new courses like **Diploma in Beauty Culture and Skin Care** sponsored by the UGC for JAC Community College and Ph. D., Programme in the Department of Physics;

The number of permanent seats has been increased from 32 to 38 for U.G. Science Courses and 40 to 50 for U.G. Arts and Management Courses; the strength of the students shot up to 2679 in 2015-'16.

### **Awards Bagged**

The College won II Prize for the '**Best Performance in Consumer Club for 2014-'15**' and received a Shield, Certificate and Cash Award of Rs. 1,000/- from the District Collector, Theni.

We were honoured with the **Best College Award 2015-16** by **Thenee Kalai Ilakia Mayyam**, Theni, on 10<sup>th</sup> October, 2015;

Fynn Software, Bengaluru, Commended ours with the **Best College Award in 2015 – '16**.

Status conferment of **DST-FIST College** is a remarkable achievement of the College.

**IAB Blind Empowerment Champions, 2016, GOLD ZONE** was awarded to the College on 19<sup>th</sup> February, 2016, by Indian Association for The Blind in Madurai, in recognition of voluntary contribution for the empowerment of visual challenges.

Achievements are the accolades to be cherished forever. Rev. Sr. Dr. P. Helen Chandra, Secretary & Associate Professor of Mathematics, received **Dr. Abdul Kalam Gold Medal Award for Excellence** in her respective field by Global Economic Progress & Research Association (GEPR), New Delhi.

Dr. (Mrs.) C. Sagaya Rani, Associate Professor of Zoology, received **Bharat Shiksha Ratan Award** for Excellent Performance and Outstanding Contribution by Global Society for Health & Educational Growth, New Delhi.

Dr. (Mrs.) C. Francis Catherin, Assistant Professor of Tamil, has been recognized with **Kathai Aaivu Sudar Award** from Thiruvaiyaru Kalvi Kazhagam.

### **Membership in Statutory Bodies & Board of Studies**

The expertise of the faculty is sought after as Members on the Statutory Bodies, Subject Experts and Examiners towards the enrichment of other institutions.

Rev. Sr. Dr. T. Nirmala, Principal, participated in the **64<sup>th</sup> Annual Board Meeting** from 22<sup>nd</sup> to 24<sup>th</sup> October, 2015 at the Social Development Center, Dr. Camil Bulcke Path, Ranchi.

She attended the **Governing Body Meeting** at Holy Cross College (Autonomous), Nagercoil, on 13<sup>th</sup> November, 2015.

4 staff members served as **Subject Experts** on Boards of Studies at other colleges; Rev. Sr. Dr. T. Nirmala, Principal, at Scot Christian College, Nagercoil

and National College, Trichy; Mrs. P. Vanitha, Head & Associate Professor of History, at Fatima College, Madurai, Dr. (Mrs.) Delphin Prema Dhanaseeli of History, at Thiagi Dharmakkan Amirtham College of Arts and Science, Kannirajapuram and Dr. (Mrs.) A. Mary Imelda Jayaseeli, of Chemistry, at Hajee Karutha Rawther Howdia College, Uthamapalayam. Dr. (Mrs.) G Michael Rosario, of Mathematics, served as **Chairman for M.Phil. Viva-Voce Examination**, at Madurai Kamaraj University Evening College, Periyakulam and Dr. (Mrs.) C. Mary Anbarasi, of Chemistry, **M.Phil., Viva-Voce Examiner** at Sakthi College of Arts and Science for Women, Oddanchatram.

### **Financial Assistance**

Liberal grants promote feasibility in academic and administrative services at JAC in 2015-2016. Rs. 75,00,000/- is sanctioned towards the Diploma Course on Beauty Culture and Skin Care; by UGC Rs. 70,00,000/-, for FIST by the Department of Science and Technology;

Rajiv Gandhi National Institute of Youth Development, Chennai granted Rs. 2,00,000/- for the National Seminar on Environmental Issues and Challenges for Sustainable Development from 15<sup>th</sup> to 17<sup>th</sup> February, 2016.

Indian Academy of Sciences, Bengaluru, Indian National Science Academy New Delhi., National Academic of Sciences, Allahabad, sanctioned Rs. 1,68,000/- to conduct Science Academies' Lecture Workshop on **Frontier Lectures in Biology** on 21<sup>st</sup> and 22<sup>nd</sup> March, 2016.

### **Endowments**

Endowment creation is a noble gesture to recognize the academic proficiency of the outstanding students. The Management commends the magnanimous contribution of Rs. 25,000/- by each of Mrs. I. Vetharani, Associate Professor of History and Mr. M. Xavier, Special Grade Assistant. Rs. 70,000/- by Mrs. Angeline Sorna, Assistant Professor of English, Rs. 25,000/- by Mrs. Chandravadana for M.Phil. Chemistry and Rs. 15,000/- by Mrs. Joansly Prema for M.Phil. Physics.

## Conferences and Seminars

Conferences and Seminars have been organized by the Departments to enable the staff and the students to delve deep in Research to unearth new findings. 12 National, 1, State Level and 3, Regional Level & 3, Collegiate Conferences / Seminars have been organized.

1. Mrs. J. Lilly Jeba Karunya, Assistant Professor of History, conducted a Collegiate Level two day Workshop on 8<sup>th</sup> and 9<sup>th</sup> July, 2015.
2. A National Level Workshop on “**Research Practices in Mathematics and Computer Science**” (RPMCS-2015) by PG & Research Centre of Mathematics on 3<sup>rd</sup> & 4<sup>th</sup> August, 2015.
3. A Work Shop on “**Techniques of Teaching Mathematics for Visually Impaired**” by PG & Research Centre of Mathematics on 4<sup>th</sup> August, 2015.
4. A UGC sponsored National Workshop on **Review, Evaluation and Action Plan for UGC Community Colleges and B.Voc. Centres in Tamilnadu and Kerala** by JAC Community College on 20<sup>th</sup> and 21<sup>st</sup> August, 2015.
5. A Regional Level Workshop on **Statistical Packages for Social Sciences** by the PG & Research Centre of Zoology from 24<sup>th</sup> to 28<sup>th</sup> August, 2015.
6. A Regional Level Workshop on the **Polymerase Chain Reaction Techniques** by the PG & Research Centre of Zoology in collaboration with Eppendorf India Ltd., Chennai on 2<sup>nd</sup> September, 2015.
7. Two College Level Workshops on **Socio Religious Reform Movements in Tamilnadu & Human Rights** by PG & Research Centre of History on 12<sup>th</sup> and 22<sup>nd</sup> September, 2015.
8. A National Seminar on **Innovative Marketing Strategies for Sustainable Growth** by PG & Research Centre of Commerce on 15<sup>th</sup> and 16<sup>th</sup> December, 2015;

9. A National Seminar on **Changing Scenario of Global Business Management** was organized by the Department of Business Administration on 16<sup>th</sup> December, 2015;
10. A two day National Level Workshop on **Advanced Dot Net Application Development** by Department of Computer Science on 8<sup>th</sup> & 9<sup>th</sup> January, 2016.
11. A National Seminar on **Ranking The Research Publication: Citation Analysis, Citation Databases And Anti - Plagiarism** by the Central Library on 27<sup>th</sup> & 28<sup>th</sup> January, 2016;
12. A one day State Level Workshop on **PC Perceptive Hardware and Networking** by the Department of Computer Science, on 4<sup>th</sup> February, 2016.
13. A National Conference on **Recent Trends in Physics and Materials Research** by the PG & Research Centre of Physics, on 4<sup>th</sup> & 5<sup>th</sup> February, 2016.
14. Three UGC sponsored one day National Conferences on **Health Education on Immunization & Blood Donation**, on **Photoshop & Innovative Efficacy of Internet** and on **Skin Care and Maintenance** by JAC Community College on 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup> February, 2016
15. A National Seminar on **Gender Based Violence in English Literature** by the Department of English on 10<sup>th</sup> & 11<sup>th</sup> February, 2016.
16. A National Seminar on **Socio-Political Trends in Tamilnadu in the Early 20<sup>th</sup> Century** by PG & Research Centre Centre of History on 12<sup>th</sup> February, 2016.
17. A National Seminar on **Revolution of Online Tech** by PG & Research Centre of Commerce with Computer Applications on 15<sup>th</sup> February, 2016.

### **UGC Sponsored Research Projects**

Generous grants have been bestowed on the aspiring researchers to undertake Major / Minor Research Projects. Of the seven Major Research

Projects, five are ongoing and two are completed. Of the six Minor Research projects, four are ongoing, and two, completed.

### **Completed Major Research Project**

- ✦ Dr. S. Catherine P. Alexander, Associate Professor of Zoology, completed her Major Research Project on **'Influences of the Herbal Immuno stimulant Andrographis paniculata, on the immune responses and survival of Cyprinus Carpio to Acromonas hydrophila infection'** at the estimate of Rs. 10,54,500/-.
- ✦ Rs. 9,29,800 /- to Dr. Sr. Y. Yesu Thangam, Retired faculty of Chemistry and Dr. Mrs. Sagayarani, Associate Professor in Zoology for the Major Research Project on **'Evaluation of Novel Quinones as Photo Therapeutic Agents'**.

### **Ongoing Major Research Projects**

#### **UGC sanctioned**

- ✦ Rs. 11,24,300/- to Dr. Sr. T. Nirmala, Principal & Associate Professor of Zoology and Dr. M.R. Delphine Rose, Associate Professor in Zoology for the Major Research Project on **'Composition and trophic analysis of entamofauna and endemic avifauna with special reference to physico chemical analysis of water and soil at Sothuparai reservoir, Theni District'**.
- ✦ Rs. 10,84,800/- to Dr. Mrs. Arockiam Thaddeus, Associate Professor of Zoology for the Major Research Project on **'An inventory study on available earthworm species for prospective vermin-composting and vermin-culture amidst global warming towards global worming'**.
- ✦ Rs. 12,50,800/- to Dr. Mrs. M. Arulmozhi, Associate Professor of Physics for the Major Research Project on **'Investigation on excitons in Nanostructures'**.

- ✦ Rs. 3,20,900/- to Dr. Sr. B.J. Queensly Jeyanthi, Associate Professor of Commerce for the Major Research Project on '**Comparative Analysis of Indian Stock Market with Other International Stock Market**'.
- ✦ Rs. 14,55,000/- to Dr. Sr. P. Helen Chandra, Secretary & Associate Professor of Mathematics (Principal Investigator), Dr. Mrs. A. Mary Imelda Jayaseeli, Associate Professor of Chemistry and Dr. Mrs. S.M. Saroja Theerthus Kalavathy, Associate Professor of Mathematics (Co-Investigators) for the Major Research Project on '**Mathematics Modelling and Computing Systems for simulating Interaction of Metallo drugs with Proteins (MMCSSIMP)**'.

### **Completed Minor Research Projects**

Dr. Mrs. R. Mary Mathalane, Associate Professor of Physics, completed the UGC funded Minor Research Project on '**Preparation, Chracterization and Comparative Study of silver and Aluminium Thin Films by PVD**' at the estimate of Rs. 2,00,000/-.

Mrs. V. Jemima Florence Borgia, Assistant Professor of Zoology, completed the UGC funded Minor Research Project on '**Immunotoxic Effects of Effluent from Electroplating Industry on the Common Carp, Cyprinus Carpio**' at the estimate of Rs. 1,75,000/-.

### **Ongoing Minor Research Projects**

UGC sanctioned

- ✦ Rs. 1,50,000/- to Mrs. Lilly Jeba Karunya, Assistant Professor in History for a Minor Research Project on **Medical Services Rendered by Protestant Missionaries in Tamil Nadu 1830 – 1930 A.D.**,
- ✦ Rs. 2,10,000/- to Miss B. Annapoorani, Assistant Professor in English, for a Minor Research Project on **The Socio-Political Perspectives of Multiculturalism in Khushwant Singh's 'Train to Pakistan', Anita Desai's "Bye Bye Blackbird', Amitav Ghosh's 'An Antique Land' and Jhumpa Lahiri's 'The Namesake'**.



- ✦ Rs. 2,95,000/- to Dr. V. Santhi & Dr. Anita Kannagi, Associate Professors in Zoology for a Minor Research Project on '**Isolation and Characterization of Antimicrobial Compounds from Prosobranch, Mullusc**'.
- ✦ Rs. 4,50,000/- to Dr. (Mrs.) A. Clara Dhanemozhi, Associate Professor of Physics, on **Green Synthesis of Gold nano particles with fruit extract**.

### **Guideship**

The expertise of our faculty members has been extended to guiding Ph.D. scholars. Dr. Sr. S. Jesurani, Controller of Examinations & Associate Professor of Physics, Dr. (Mrs.) J. Mary Suganthi Bai, Associate Professor & Head of Commerce Department and Dr. (Mrs.) A. Clara Dhanemozhi, Associate Professor of Physics have been recognized as **Approved Guides for Ph.D. Programme** by Mother Teresa Women's University, Kodaikanal in 2015-'16.

10 Guides have 18 Research Scholars pursuing Ph.D. in different disciplines.

### **Deputation of Staff for Ph.D. under FDP**

FDP of the UGC is a boon to the staff to upgrade their eligibility by research leading to Ph.D.

Mrs. K.F. Mary Latha & Mrs. I. Geetha Antoinette, Associate Professors of Mathematics, Mrs. A. Jacqueline Regina Mary, Associate Professor of Physics, Mrs. S. Sahaya Mary & Mrs. B. Ubahara Mary, Assistant Professors of History, Miss G. Petricia Alphine Nirmala, Assistant Professor of English, Mrs. S. Velanganni, Assistant Professor of Economics were relieved on 25<sup>th</sup> August, 2015 to pursue Ph.D. under **FDP, UGC, XII PLAN**.

### **Special Features**

An MoU was signed between the Department of Computer Science and Kalvi Institute Private Limited, Theni on 8<sup>th</sup> January, 2016 for exchange of the faculty.

Career Lab is opened to provide career options to the outgoing students.

Language Theatre is updated to enhance communication skills of the students.

### **Quality Enhancement**

Excellence through quality is the main focus of all the activities of the College.

Quality Assessment & Ranking the performance of All Departments, Offices, Clubs & Cells was carried out by the Principal, the Mother Superior, the Vice-Principals, the Dean and the Internal Quality Assurance Cell Co-ordinator through **Internal Academic Audit** from 15<sup>th</sup> to 18<sup>th</sup> June, 2015 at the College.

Development Programmes were conducted by IQAC for the Teaching Staff, Non-Teaching Staff and the Students.

10 Development Programs for the teaching faculty, 2, for the non-teaching and 1, for the students have been conducted by IQAC.

### **Faculty Development Programme**

Faculty Development Programme on **Life Skills**, on 25<sup>th</sup> June, 2015 by Mr. G. Olivannan & Mr. K. Nagendra Babu, School of Life Skills, Chennai and Mr. K.V. Muruga Barathi, MD & Chief Trainer, YOSI Media & HR, Chennai;

On **Leadership Training Programme**, for 33 Academic & Administrative Leaders of the College, on 29<sup>th</sup> & 30<sup>th</sup> June, 2015 at Centre for Education Beyond Curriculum (CEDBEC), Christ University, Bengaluru;

**Orientation for Junior Teachers**, who joined the College in 2014 – 2015 onwards, by the Secretary, the Vice-Principals, the Controller of Examinations and the Dean on 17<sup>th</sup> August, 2015.

**Orientation Programme for Junior Teachers**, by the Principal on 19<sup>th</sup> August, 2015 to initiate them into the customs and practices of the College.

**On Teaching Methodology**, on 21<sup>st</sup> August, 2015, by Prof. Albert Selvanayagam, St. Joseph's College of Arts & Science, Bengaluru.

On **Personality Development and Self Confidence** by Rev. Fr. John Kennady, Assistant Professor of English, Poondi Pudhumai Matha B.Ed College, Vengankudi, Trichy on 4<sup>th</sup> September, 2015.

**Orientation for Junior Teachers** by the Academic & Administrative Officers of the College on 1<sup>st</sup> October, 2015;

On **Be & Make** by Mr. Kavidhasan, Coimbatore on 1<sup>st</sup> October, 2015;

On ERP Training on 24<sup>th</sup> November, 2015 by Rev. Fr. Thaddaeus, Bosco Software, Elagiri.

On **Value Education** by Rev. Fr. Dr. Xavier Alphonse, S.J., Senior Advisor, (ICRDCE), Chennai on 17<sup>th</sup> & 18<sup>th</sup> August, 2015 and **Human Values Development** by Dr. Danier Ezhilarasu, General Secretary, AIACHE, Bengaluru on 16<sup>th</sup> September, 2015.

### **Non-teaching Staff Development**

A Non – Teaching Staff Development Programme on **Life Skills** on 12<sup>th</sup> July, 2015 by Dr. K. Alex, Head & Associate Professor of Commerce, St. Joseph's College, Trichy;

On **You are the Winner** by Rev. Fr. John Kennady, Assistant Professor of English, Poondi Pudhumai Matha B.Ed. College, Vengankudi, Trichy on 4<sup>th</sup> September, 2015.

### **Student Development Programme**

Student Development Programme on “**Life Skills**” was conducted on 26<sup>th</sup> June, 2015 by Mr. G. Olivannan & Mr. K. Nagendra Babu, School of Life Skills, Chennai and Mr. K.V. Muruga Barathi, MD & Chief Trainer, YOSI Media & HR, Chennai.

A three day National Seminar on Environmental Issues and Challenges for Sustainable Development sponsored by Rajiv Gandhi National Institute of Youth Development, Chennai from 15<sup>th</sup> to 17<sup>th</sup> February, 2016.

## **Documentary Film**

The College created the **Documentary Film of the College** from 12<sup>th</sup> to 14<sup>th</sup> October, 2015 which served as a monumental record to proclaim the yeomen service of the college to the womenfolk. The philanthropic members of the Donors' family, Mr. C. Jayapaul B.E., the Executive Director of J.C. Group of Companies and Mrs. Jayashree Jayapaul, released it on 22<sup>nd</sup> December, 2015.

## **Participation of Staff in Training Programme**

Training programmes whet the intellectual appetite of the staff. One staff participated in the **UGC sponsored 108<sup>th</sup> Orientation Programme** from 6<sup>th</sup> May to 2<sup>nd</sup> June, 2015 at Bharathiar University, Coimbatore and 7, in the 7 day Training Programme on **Orientation Course for NSS Programme Officers**, from 9<sup>th</sup> to 15<sup>th</sup> & from 16<sup>th</sup> to 22<sup>th</sup> December, 2015 at Avinashilingam University, Coimbatore.

The Lieutenant Dr. Mrs. L. Mary Dayana attended the N.C.C. Training Conference on 21<sup>st</sup> January, 2016 at N.C.C. Office, Madurai.

## **Staff as Resource Persons**

27 of our Staff members distinguish themselves as Resource Persons whose peerless expertise has been of great advantage to the internal and external stakeholders of the college and those of other institutions. Sr. Dr. T. Nirmala, Principal, Sr. Dr. P. Helen Chandra, Secretary, Dr. Sr. S. Jesu Rani, Associate Professor of Physics, Dr. Sr. B.J. Queensly Jeyanthi, Head & Associate Professor of B.Com. (CA.), Dr. (Mrs.) Michael Rosario, Associate Professor of Mathematics, Dr. (Mrs.) M. Francis Mercy, Associate Professor of Commerce, Dr. (Mrs.) I. Maria Jesili, Associate Professor of Commerce, Dr. (Mrs.) J. Mary Suganthi Bai, Head and Associate Professor of Commerce, Mrs. K. Southamani, Head & Associate Professor of Chemistry, Dr. (Mrs.) M. Kalanithi, Associate Professor of Chemistry, Mrs. P. Vanitha, Head & Associate Professor of History, Dr. (Mrs.) A. Jacintha Vilveena, Associate Professor of History, Miss B. Annapoorani, Assistant Professor of English, Dr. (Mrs.) S. Athisaya Ponmani, Associate Professor of Mathematics, Dr. S. Rejina, Assistant Professor of Tamil, Dr. (Mrs.) Arockiam Thaddeus, Head & Associate Professor of Zoology, Dr. (Mrs.) C. Sagaya Rani, Associate Professor of

Zoology, Dr. Mrs. R. Mary Mathalane, Head & Associate Professor of Physics, Dr.(Mrs.) M. Arulmozhi & Dr. (Mrs.) A. Clara Dhanemozhi, Associate Professors of Physics, Rev. Sr. S. Jothi, Assistant Professor of Computer Science, Mrs. Jasmine Selva Packiam & Mrs. N. Lavanyalakshmi, Assistant Professors of Business Administration, Dr. Sr. Iruthaya Kalaiselvam & Mrs. P. Pushpa, Assistant Professors of Zoology Miss. T. Nithya, Assistant Professor of Physics and Mrs. M.K. Sheela, Junior Assistant.

### **Department Study Circle**

Monthly Study Circle of Departments provides the platform for teachers to share the recent trends in their subjects and improve their presentation skills. 10 staff members from the Department of Tamil, 9, from English 5, from History, 2, from Mathematics, 10, from Physics, 3, from Chemistry, 8, from Zoology, 4, from Computer Science, 7, from Commerce, 6, from B.B.A., 2, from Commerce with C.A.

### **Achievements of the Staff**

#### **Research Publications in Journals**

The Research Publications vouchsafe the research acumen of the faculty members.

- ✦ 29 staff members participated, 82 staff members presented and 88 staff members published Research Papers in the International/ National / Regional Seminars / Conferences.
- ✦ Two issues of Biannual Journal JAC Journal of Science, Humanities and Management (JACJOSHAM) were published by Tthe Research Committee in June and December, 2015.

#### **Special Honour Abroad**

Dr. (Mrs.) Catherine Alexander, Associate Professor of Zoology has attended and presented a paper on the title **Immunotoxicity of industrial effluents in film fish: An alternative animal model for immunotoxicological Studies** at the **4<sup>th</sup> International Conference and Exhibition on Immunology** organized by OMICS International Group held on 28<sup>th</sup> to 30<sup>th</sup> September, 2015,

Houston Texas USA. A special recognition has been also extended to Dr. (Mrs.) Catherine Alexander, Associate Professor of Zoology, by Lone Star College, Cyfair Cypress, Texas, USA, by inviting her for paper presentation on **Vaccination on 7<sup>th</sup> October, 2015.**

### **Special Programmes organized by The College Union in 2015-2016**

The College Union plays the pivotal role in initiating the students into multiple programmes that could form their holistic personality. 12 Special Programmes have been offered by the College Union in addition to the regular programmes.

The democratic ideals were fostered through the College Union Election and J. Diana Antony Mary, III B.Sc. Physics was elected as the Student President and C. Prasanna, II B.A. English, the Student Secretary of the College Union.

The team spirit of the office bearers was insisted on by Dr. M. Davamani Christoher, Principal and Secretary, The American College, Madurai, in the inauguration of the College Union, the Affiliated Associations, the Clubs and the Cells on 24<sup>th</sup> July, 2015.

Befitting tribute was paid to the former President of India, Bharat Ratna, Dr. A.P.J. Abdul Kalam in the Condolence Meeting held on 29<sup>th</sup> July, 2015 after his sudden demise to commemorate his contribution to the academic community, the nation and the world.

Patriotic fervour was triggered through the celebration of **the Independence Day** on 15<sup>th</sup> August, 2015 and **the Republic Day** on 26<sup>th</sup> January, 2016.

Awareness of **Youth Day** on 11<sup>th</sup> August, 2015 and **Youth Awakening Day** on 15<sup>th</sup> October, 2015 observed in connection with the Birth Anniversary Day of Dr. A.P.J. Abdul Kalam and the display of the **Proceedings of the Global Investors Meet** on 30<sup>th</sup> September, 2015 have served as the reminder of the role of the youth in the national development.

Distribution of saplings to the teachers on the Teachers' Day celebrated on 4<sup>th</sup> September, 2015 has affirmed the environmental concern of the College through **Green Tribute**.

The flood in Chennai Cuddalore, Thiruvallur and Kancheepuram stirred the compassion in the Management, the staff and the students evinced through their generous contribution of Rs.7,00,000/- worth household provisions and other necessary things for their routine life distributed by 16 of our sisters in Cuddalore in the second week of December, 2016.

### **Parent – Teacher's Meet**

Developing students' personality is a joint venture planned in the Parent – Teacher's Meet held twice on 1<sup>st</sup> July, 2015 for the parents of the new entrants and on 9<sup>th</sup> January, 2016 for those of the senior students.

### **Graduation Day**

The memorable day of students' academic achievement was held under the Chairmanship of Dr. C. Joseph Kennady, Registrar of Karunya University Coimbatore, who awarded the Degree Certificates to 660 Graduates, Post Graduates and Diploma Holders on 19<sup>th</sup> February, 2016.

### **Communication Skill Enhancement:**

Communication Skills invest the students with the competency to attain the unattainable victories and reach the unreachable heights. A team of 2 teachers and 3 students from Liverpool Hope University, United Kingdom, exposed our students to situation based practice of Communication Skills from 19<sup>th</sup> June to 3<sup>rd</sup> July, 2015.

**Hope Club** is bent on improving the presentation skills in speaking and writing through the enactment of the One Act Plays, **Bishop's Candle Sticks** by Norman Mc Kennel and **Never Never Nest** by Cedric Mount on 18<sup>th</sup> & 22<sup>nd</sup> September, 2015;

A talk on **Day to Day Conversation**, Staging of the play **The Pie and the Tart**, **A Demo on Murder of English** & a Skit on **Nourish Your Life with**

**English** on 20<sup>th</sup> October, 2015 and a Group Discussion on **Women and Family**, on 21<sup>st</sup> December, 2015;

Conduct of a quiz on **Spell Check** in language classes from 12<sup>th</sup> to 17<sup>th</sup> October, 2015 and from 22<sup>nd</sup> February, 2016 to 1<sup>st</sup> March, 2016; and

Participation of 34 I P.G students in the Group Discussion on **Male Chauvinism in the present scenario** on 25<sup>th</sup> February, 2016.

### **Guest Lectures**

13 Guest lectures have been organized to keep the faculty and the students abreast of the modern trends in their subjects.

Mr. J. Malluri, Actor, Writer & Public Speaker, was engaged by the Department of Tamil, on 9<sup>th</sup> July, 2015.

Mr. R. Arun Kumar, Assistant Manager, NIIT, Chennai, on 13<sup>th</sup> July, 2015 and Dr. Atulya Nagar, Dean of Faculty of Science, Liverpool Hope University, United Kingdom on 5<sup>th</sup> August, 2015 by the Department of Computer Science.

Dr. Solomon Arulraj David, Assistant Professor, Faculty of Education, at United Arab Emirates, on 13<sup>th</sup> August, 2015 by Department of English.

Prof. N. Shunmuga Rajan, M.B.A, (Ph.D), M.B.A. Department, Vijay Institute of Management, Dindigul, on 25<sup>th</sup> August, 2015 by the Department of Business Administration.

Mrs. Lakshmi Mohan, Writer and Music Therapist for People with Autism, Chennai, on 5<sup>th</sup> October, 2015 by the Department of Chemistry.

Mr. S. Saravanan, Associate Professor of Physics, G.T.N. Arts College, Dindigul, on 13<sup>th</sup> October, 2015 by the Department of Physics.

Dr. M. William Baskaran, Head & Professor of Gandhian Thought & Peace Science, Gandhigram Rural Institute – Deemed University, Gandhigram, on **Gandhi as a Martyr**, on 30<sup>th</sup> January, 2016 followed by **Peace March as the Martyr's Day** by Department of History.



Dr. N. Manoharan, Associate Professor in Commerce, CPA College, Bodinayakanur, on **Statistical Tools** on 11<sup>th</sup> February, 2016 by the Department of Commerce.

Dr. Mrs. R. Mangayarkarasi, Assistant Professor of Mathematics, Yathava College for Women, Madurai, on **A New Algebraic Structure and its Applications** on 15<sup>th</sup> February, 2016 by the Department of Mathematics.

Rev. Fr. Ranjith S.J. and Rev. Fr. Ignou, S.J., on **The Science of Biological Diversity** on 17<sup>th</sup> February, 2016 by PG & Research Centre of Zoology.

Dr. C. Joseph Kennady, Registrar of Karunya University Coimbatore, on **Sustainable methods for the protection of metals** on 19<sup>th</sup> February, 2016. Dr. Sr. Y. Yesu Thangam, former Principal of the College, on **Photodynamic Therapy and its Implications**; Dr. J. Annaraj, Assistant Professor, Material Science, School of Chemistry, Madurai Kamaraj University, Madurai, on **Gel Electrophoresis and its Applications** in the Dr.Sr.Y. Yesu Thangam, Endowment Lecture Series on 25<sup>th</sup> February, 2016 by the Department of Chemistry.

Mrs. T. Veera Banu, Indian Overseas Bank, Thamaraiikulam, on **E-Banking** on 26<sup>th</sup> February, 2016 by the Department of Commerce.

### **Extra-ordinary Programmes by Departments in 2015 – 2016**

Annual Inter Collegiate and Intra and Inter Collegiate Meets gather the pupils for academic, cultural and knowledge exchange.

Journal Club, **Techno Bee**, of Department of the Computer Science, was inaugurated on 3<sup>rd</sup> September, 2015.

**JAC CHEM FEST'16**, on 12<sup>th</sup> January, 2016 by the Research Centre of Mathematics.

A one-day State Level Intercollegiate Meet, **IT Galaxy'15** was conducted on 15<sup>th</sup> September, 2015 by the Department of Computer Science.

An exhibition on **History of Tamil Nadu and Culture of Tamizhians**, on 28<sup>th</sup> September, 2015 by Tamil Department.

**College Bazaar**, on 13<sup>th</sup> October, 2015 by B.B.A. students.

**JACMAT FEST – 2016**, on 15<sup>th</sup> February, 2016 by the Research Centre of Mathematics.

Management Day **BUSI-FEST**, on 22<sup>nd</sup> February, 2016 by B.B.A. Department.

**Commerce Day**, on 22<sup>nd</sup> February, 2016.

Association Fest - JACADAS Fest, on 26<sup>th</sup> February, 2016 by the Department of Computer Science.

One day **Science Expo** for School Students was conducted by Physics Department on 29<sup>th</sup> February, 2016.

**BUSINESS EXPO'16**, on 29<sup>th</sup> February, 2016 by B.B.A. Department.

### **Achievements of the Students**

#### **Rank Holders of 2014 – 15**

Academic Proficiency of our students is recognized and rewarded with Ranks.

#### **RANK HOLDERS FOR THE YEAR – 2014 - 2015**

1.	B.A. Tamil Literature	:	M. Chandra
2.	B.A. History English Medium	:	S. Siva Gomathi
3.	B.A. History Tamil Medium	:	P. Kanimozhi
4.	B.A. English Literature	:	V.G. Deepa
5.	B.Com.	:	J. Patricia Bridget Judie
6.	B.Sc. Mathematics	:	S. Sahana
7.	B.Sc. Physics ( R )	:	K. Sashring Barveen
8.	B.Sc. Physics (S.F.)	:	B. Vasanthi
9.	B.Sc. Chemistry	:	T. Chithra Devi
10.	B.Sc. Zoology (R)	:	A. Abina
11.	B.Sc. Zoology (S.F.)	:	A. Ayeshabarveen
12.	B.Sc. Comp. Science	:	R. Anupriya

13.	BBA	:	A. Aneta
14.	B.Com.(CA)	:	K. Sivasri
15.	M.A. History	:	K. Sandhanabarathi
16.	M.A. Tamil	:	M. Nandhini
17.	M.A. English	:	K.V. Brintha
18.	M.Com.	:	T. Panchavarnan
19.	M.Sc. Mathematics	:	P. Kalaivani & R. Ramya
20.	M.Sc. Physics	:	P. Divya
21.	M.Sc. Zoology	:	K. Nithya Bharathi
22.	M.Sc. Chemistry	:	B. Sharmila
23.	M.Sc. Comp. Sci & IT	:	M. Nithya
24.	M.Phil. Mathematics	:	K. NandhiniDevi
25.	M.Phil. Physics	:	A. Manogowri
26.	M.Phil. Chemistry	:	A. Jerli Auxilia
27.	M.Phil. Zoology	:	M. Karthika
28.	M.Phil. Commerce	:	P. Rupa
29.	Part-I Tamil B.A.	:	V. Narmatha Nandhini
30.	Part-I Tamil B.Sc.	:	S. Yuvasree
31.	Part-II English B.A.	:	V.G. Deepa
32.	Part-II English B.Sc.	:	S. Badhurunnisha S. Sahana

### **Awards by Students**

The outstanding performance of the students has been duly recognized with prestigious awards.

T. Renuga Devi, III B.Sc. Maths, won **Swami Vivekanandha Award** for her Best Performance in Education and S. Thabithal, III B.Sc. Maths., for her Best Performance in Education and Drawing on 4<sup>th</sup> April, 2015 from Bharathi Yuvakendra, Madurai.

13 Best Performers in Academic and 25 in Co and Extra-curricular activities have been recognized with Awards by Thenee Kalai Maiyam, Theni.

**List of Award Winners is provided below:**

### ACADEMICS

Departments	Name	Year
Tamil	Miss. S. Sahaya Stefiya	I B.A., Tamil
English	Miss Anna Philip	I M.A., English
	Miss K. Mohana Aishwarya	II B.A., English (SF)
History	Miss B. Backia Lakshmi	III B.A., History (R)
Maths	Miss A. Nandhini	II M.Sc., Mathematics
Physics	Miss M. Dharini	III B.Sc., Physics(R)
Chemistry	Miss R. Gayathri	II M.Sc., Chemistry
Zoology	Miss A. Vinothini	II M.Sc., Zoology
Computer Science	Miss K. Sujitha	II M.Sc.,(CS & IT)
Commerce	Miss J. Shekina Methew	III B.Com.
B.B.A	Miss R. Sushma	II B.B.A.
Commerce (CA)	Miss C. Muthumenaga	Commerce (CA).
Community College	Miss R. Kalavani	Community College

### PERFORMANCES IN OTHER ACTIVITIES

Programme	Name	Department and Year
N.S.S	Miss K. Priyadharshini	II B.Sc. Physics (R)
	Miss A. Rojaramani	II B.A. History (R)
N.C.C	Miss. M. Jannathul Firthous	III B.Sc. Physics(SF)
Physical Education	Miss S. Uma Maheshwari	III B.Com.
	Miss R. Kokila	II B.A. English (R)
Extension	Miss Sabura Banu	III B.Sc. Chemistry
Fine Arts	Miss R. Deepika Devi	I M.Sc. Physics
	Miss A. Jothy	II B.Sc. Mathematics
	Miss A.M. Santheya	II B.Sc. Chemistry
Library Association	Miss S. Maria Steffi	II M.Sc. Physics
Journal Club	Miss K. Sahana Fathima	I M.Sc. (CS & IT)

JACSAFA	Miss M. Pandiselvi	III B.A. History (E.M.)
Gender Champion Club	Miss M. Karthika	III B.Sc. Physics(R)
Women Cell	Miss V. Ramya	III B.Com.
Hope Club	Miss R. Prasanthi	II B.Sc. Mathematics (SF)
Consumer Club	Miss G. Renuga Devi	II B.Sc. Mathematics (SF)
Current Events Club	Miss P. Kiruthika	I B.Sc. Chemistry
Karate	Miss S. Maria Nishanthini	M. Phil. Mathematics
Placement & Career Guidance	Miss G. Vetha Helen Mary	III B.Sc. Mathematics (R)
Avian Club	Miss R. Ramya	II B.Sc. Zoology (SF)
Eco Club	Miss A. R. Sharmila	III B.Sc. Chemistry
Entrepreneur Cell	Miss M. Asica Barveen	III B.A. Tamil
Youth Red Cross	Miss S. Uma Packeeswari	III B.Sc. Chemistry
Student President	Miss J. Diana Antony Mary	III B.Sc. Physics
Student Vice President	Miss C. Prasanna	II B.A. English

A. Vinothini, II M.Sc. Zoology, won I Prize & R. Kayalvizhi, II M.Sc. Mathematics, II Prize with Certificates at Hajee Karutha Rawther Howdia College, Uthamapalayam in the **Elaignar Ezhuchi Naal** observed on the Birth Anniversary of Bharat Rathna, Dr. A.P.J. Abdul Kalam on 15<sup>th</sup> October, 2015.

### **Study Tour**

Study Tour acquaints the students with the best practices in their respective fields. The Final Year U.G. and P.G. Students went on Study Tours to Kanyakumari and Trivandrum, Chennai, Pondicherry, Koodangulam, Velanganni, Nagercoil, Kochin etc. to expose students to various heritage of the people of our nation.

Industrial visits are made by Computer Science and Business Administration.

The staff participated in the 5 day International Package Tour to Singapore & Malaysia from 13<sup>th</sup> to 17<sup>th</sup> January, 2016 organized for the staff.

### **Training Programmes for Students**

Bridge Course was offered to the I Year Students of 2015 – 2016 from 2<sup>nd</sup> to 8<sup>th</sup> July, 2015 by the Department of English to usher them into studies through English Medium.

A. Nandhini & R. Kayalvizhi I M.Sc. Mathematics participated in the **Seventh Summer Training Programme** in Mathematics, from 13<sup>th</sup> May to 2<sup>nd</sup> June, 2015 at Ramanujan Institute for Advanced Study in Mathematics, University of Madras.

Quality Research is promoted among the students through Participation and Research Paper Presentation in Seminars / Workshops / Conferences and Publication in Journals and Proceedings.

- ✦ 470 students participated, 71 students presented papers in Seminars and 44 students published Research Papers in Journals.
- ✦ 381 students participated and 127 won prestigious prizes in subject related Inter-Collegiate Competitions held in other institutions.
- ✦ 341 students participated and 195 won coveted prizes in Competitions; in the Department Association Activities.

### **National Service Scheme (N.S.S.)**

N.S.S. creates community based programmes activities to make the volunteers **other centred**.

Numerous welfare activities heading from **Blood Grouping and Blood Donation** on 21<sup>st</sup> July, 2015 and Identification of Blood Group of 162 students in the **Blood Grouping Camp** on 23<sup>rd</sup> July 2015 to give and save life.

Oath taking on International **Youth Day** on 12<sup>th</sup> August, 2015, a Rally on **Youth Awakening Day** to the Sub-Collector Office on 15<sup>th</sup> October 2015 and the Special Camp on the theme **Involvement of Youth towards Prosperous India** from 17<sup>th</sup> to 23<sup>rd</sup> November, 2015 have emphasized the responsibilities of the youth towards family and country.

Celebration of **Independence Day** on 15<sup>th</sup> August, 2015 in the adopted villages, on 23<sup>rd</sup> September, 2015, **National Voters' Day** on 23<sup>rd</sup> January and **Republic Day** on 26<sup>th</sup> January, 2016 has instilled love for the country in the stake holders in and off the campus.

Yoga Programme on 3<sup>rd</sup> & 12<sup>th</sup> September, 2015 and talks on **World Heart Day** on 29<sup>th</sup> September, 2015, on **Mental Health Day** and **Poisonous Effects of the Partheeniyum Plants and its Eradication** and supply of **Nilavembu Kudineer** to 693 NSS volunteers on 10<sup>th</sup> December, 2015 evince the health concern of N.S.S.

Observation of **Physically Challenged Day** on 3<sup>rd</sup> December, 2015 and the visits of the volunteers to **the neglected people** in the society, **AIDS people** in the Jeevan Jothi Illam, Theni District, the **Mentally Ill** in the Anbillam, Vadaputhupatti, Theni District, the **Mentally Retarded Children** in the Daystar, J.A. College and the **Aged people** in the Nesarin Thottam, Theni District on 27<sup>th</sup> February, 2016 display their compassion towards the disadvantaged people.

Special NSS Camp on the theme **Involvement of Youth towards Prosperous India** for 200 Volunteers from 17<sup>th</sup> to 23<sup>rd</sup> November, 2015;

### **National Cadet Corps. (N.C.C.)**

Inculcation of Civic values moulds the Cadets in to responsible citizens.

6 cadets won II Prize in **Group Dance**;

M. Firthous Begam, II B.Sc. Maths (R), II Prize in **Firing**;

10 cadets emerged Runners in **Tug of War** conducted by NCC Camp, Madurai, 24<sup>th</sup> December, 2015 to 2<sup>nd</sup> January, 2016.

13 cadets emerged Runners in **Karate** conducted by Taekwondo Sports Association, Madurai, from 24<sup>th</sup> to 31<sup>st</sup> December, 2015.

**Republic Day March Past** is the special feature of N.C.C. on 26<sup>th</sup> January, 2016.

62 NCC Cadets appeared for the "**B**" **Certificate Examination** held at Lady Doak College, Madurai on 27<sup>th</sup> February, 2016.

## **Physical Education**

Sports and Games shape and strengthen not only the physique but also the mind of the students. The Players and Athletes of JAC are well known for their outstanding performance in **Kho-Kho, Basket Ball, Ball Badminton, Table Tennis, Games and Athletics.**

One Player, won II Place in Ball Badminton at Nadar Saraswathi College, Theni on 3<sup>rd</sup> & 4<sup>th</sup> September, 2015;

Four players, I Place in Basket Ball, at Thiraviyam College, Kailasapatti, on 8<sup>th</sup> & 9<sup>th</sup> September, 2015

B. Backia Lakshmi, One 1<sup>st</sup> Prize and 2 Gold Medals in Silambam at Kongunadu College of Engineering Technology, Namakkal on 18<sup>th</sup> to 20<sup>th</sup> September, 2015

Four Players, I Place in Kho-Kho at M.V.M. College of Arts & Science, Dindigul, on 29<sup>th</sup> September, 2015.

Three Players, Winners in Basket Ball; One Player, II Place in Discus Throw & Shotput; One Player, Winner in Kho-Kho and II Place in 800 mts. Dash; Four Players. Runner up in Ball Badminton; Two Players, Runner up in Table Tennis and One Player, Runner up in Ball Badminton (Shuttle) in the Ball Badminton in Inter – Collegiate Tournaments & Athletic Meet - 2015 – 2016 at Mother Teresa Women’s University, Kodaikanal on 15th October, 2015.

Four Players, Runner Up in Basket Ball; One Player, III Place in Discus Throw; One Player, III Place in 400 mts. Dash; Three Players, Winners in Ball Badminton; Two Players, Runner Up in Table Tennis (Singles) and One Player, Runner Up in Shuttle Badminton (Doubles) in District Level Competitions – Chief Minister’s Trophy 2015 – 2016 at District Stadium, Theni on 27<sup>th</sup> & 28<sup>th</sup> October, 2015

The **Annual Sports Day** was conducted on 26<sup>th</sup> January, 2016 under the Presidentship of Mr. N. Uma Maheswaran, Deputy Superintendent of Police, Periyakulam.



The **Individual Championship** was bagged by C. Anushiya, II B.Sc. Computer Science.

The **Overall Rolling Shield** for Games and Athletics was won by the Department of B.Com. with C.A. in the Annual Sports Meet.

The KHO-KHO Team emerged as Winner in the Nehru Yuva Kendra - Theni District open Competition by Ministry of Youth Affairs & Sports, Govt. of India on 17<sup>th</sup> February, 2016.

One Player, got I Prize in District Level Kho-Kho Match in Theni Stadium Theni on 24<sup>th</sup> February, 2016.

## **JACEP**

JACEP is an outreach programme designed to transform the life of both students and villagers through their community service in the adopted villages, Sakkarapatti, Savadipatti, Jetloor, Jallipatty, Jeyamangalam, Jayamangalam Colony & Meenatchipuram through the teams **Environment, Education, Health and Hygiene, Liaison, People Organization and Application of Knowledge**. Team of Environment emphasized the need for protecting the Environment through Competitions on **Pasumai Seiga, Hazard of Plastic and Green India, Benefits of Tree Plantation & Independent and Pollution Free India, Awareness about Deforestation and Global Warming;**

Education Team, on **Patriotic Songs, Dr. A.P.J. Abdul Kalam as a Scientist, Vivekanandha and Independence Day, Education & Life - Dr. A.P.J. Abdul Kalam & Kamarajar, Education Acts as a Backbone for the Development of the Country, Our Freedom Fighter, Importance of Higher Education to encourage people to pursue Higher Education, Awareness of Education, Competition on Fundamental Mathematics, Thirukkural Recitation, Puzzle Words and Quiz, 2 Documentary Films on 1<sup>st</sup> Mark & Education Methods, Female Education & Kalviyea Azhiya Selvam;**

**Health and Hygiene** Team, on **The Dengue Fever, Healthy Food & Healthy Life, Distribution of Nilavembu Decoction and Hygienic Food;**

**Application of knowledge** team, on **Self Help is the Best Help**, Display of a model of **Wall Clock and Calculator, Snap Charts for matching tables and Formulas, Use of CFC Bulbs, Preparation of Phenol, Candle and Washing Powder**, making **Ear rings, Woolen Purse and Muffler, Paper Ornaments and Jam**;

**People Organization** Team, on **Small Scale Self Employment, Motivation towards Self Employment and Government Schemes**;

**Liaison** Team, an Orientation on **Orientation Government Schemes and Policies, Pension Schemes, Government Schemes for Pregnant Ladies & Prime Ministers & Schemes** on 5<sup>th</sup> August & 17<sup>th</sup> October, 2015.

An assignment was given to the students on **Women Life-Style Awareness** related topics on 21<sup>st</sup> February, 2016.

The Exhibition on **Self-Employment for Women** was inaugurated by Mr. O.P. Ravindranath Kumar, M.B.A., President of Theni District Youth Wing, on 29<sup>th</sup> of February, 2016,

There were nine stalls of hand-made articles consisting of woolen material, wall decorative things, Mat from old sarees, things made-up of ice sticks, Ornaments, Color Flowers, Greeting Cards, Candle, Phenol and Art from Waste.

The Food Court had eleven stalls managed by the students themselves. The students demonstrated the method of cooking each item as they sold. They also explained the nutrients in natural food. The department of Extension invested Rs.10, 914 and got a profit of Rs. 2,103/-. It is resolved to use the profit for the betterment of the rural people.

### **Youth Red Cross**

Youth Red Cross inculcates the responsibilities of the volunteers to understand the plight and extend their compassionate service to alleviate the suffering of the marginalized, neglected and oppressed people.

A one day camp was conducted at **Anbillam**, a home for the old aged.

In the one day Work Shop, Mr. Ganeshkumar, NABH, Assistant Co-Ordinator and Mr. Sivaraja, Physiotherapist, Government Hospital,

Periyakulam trained the volunteers on **First AID and Disaster Management** on 23<sup>th</sup> February, 2016.

### **Consumer Club**

Consumer Club creates awareness of Consumerism that keeps the consumers alert and the suppliers, corruption free.

Lectures on **Distribution of LPG and its Usage** on 12<sup>th</sup> August, 2015;

On **Consumer Rights and Duties**, on 14<sup>th</sup> September, 2015;

On **Youth Awakening**, on 19<sup>th</sup> October, 2015.

On **Vaanigamae Koil, Vaadikkayalarae Theivam**, on 8<sup>th</sup> December, 2015.

The Competition on **Finding Adulteration in Packed Food Items** in the **National Consumer Day Celebration 2015**, by Tamil Nadu Civil Supply Office on 28<sup>th</sup> January, 2016; a lecture on தரக்கட்டுப்பாடு on 29<sup>th</sup> January, 2016.

### **Entrepreneur Cell**

Entrepreneur Cell replaces seeking job by creating job for oneself and others.

Workshop on **Cottage Industrial Goods – Candle, Phenol and Sanitary Napkin making** was conducted on 11<sup>th</sup> August, 2015.

Demonstration on **Paper Bag Making**, on 1<sup>st</sup> December, 2015.

A Training Programme, on **Quilling, Foot Mat Making, Shawl Making, Thread Making & Flower Making** on 18<sup>th</sup> January, 2016.

### **Journal Club**

Journal Club provides the platform for the C.S. students to air the advanced trends in Computer Science.

Talks on **Impacts of Television Serials on Tamil Rural Women: A Data Mining Case Study of Theni District & Mind Reading Computer**, by K. Sujitha & B. Nivetha, II M.Sc. (CS & IT) on 30<sup>th</sup> October, 2015;

**On Retrieval of Source documents using Keyword Based Clustering with Mahout and Hadoop**, by Ms. B. Nivetha of II M.Sc. (CS & IT) & on **Customers Perception about e-Banking**, by Ms. B. Nasreen Fathima, II M. Sc (CS & IT) on 25<sup>th</sup> November, 2015;

Paper on **Li-Fi Technology-Data Transfer through Light**, by T. Ramalakshmi, I M.Sc. (CS & IT) on 10<sup>th</sup> December, 2015;

**On Glaucoma Detection in Retinal Images Using Image Processing Techniques: A Survey**, by K. Sujitha & B. Nivetha of II M.Sc. (CS & IT) on 18<sup>th</sup> January. 2016;

**On Face Recognition Techniques - An Evaluation Study**, by S. Rekha & P. Nagajothi of II M.Sc. (CS & IT) on 21<sup>th</sup> January, 2016;

**On Mobile Information Delegate and Forbidding BOTNET in 3G Networks**, by R. Ashwini & M. Mareeshwari of II M.Sc. (CS & IT) on 21<sup>th</sup> January, 2016.

**On Classification of Cloud Types for Rainfall Forecasting**, by K. Sujeenthra & B. Nasreen Fathima of II M. Sc (CS&IT) on 18<sup>th</sup> January 2016.

**On Seismology and New Global Techtonics**, by S. Benitta Roselina, I M.Sc. (CS & IT), on 23<sup>rd</sup> February, 2016.

## **Fine Arts**

Skills in Fine Arts contribute largely to the development of Wholesome Personality of the students.

14 Students participated and won in 5 Competitions in the celebration of 113<sup>th</sup> Birthday of The Honorable Kamaraj, the former Chief Minister at S. Vellaichamy Nadar College (Autonomous), Madurai on 10<sup>th</sup> July, 2015;

30 Students participated and 14 of them won in 15 Competitions in the Intercollegiate Meet – ‘**SPRING – 2K15**’ on 22<sup>nd</sup> August, 2015 at Fatima College, Madurai.

**Breeze 2015** was organized from 14<sup>th</sup> to 16<sup>th</sup> and on 18<sup>th</sup> & 19<sup>th</sup> December, 2015.

381 students participated in 9 **Indoor** and 9 **Onstage Competitions'** and 50 students won in Indoor & 83 in **Onstage Competitions**.

The Department of English won I Place & the **Rolling Shield**, for the 5<sup>th</sup> consecutive year in 2015 – 2016.

### **Old Student Association**

Sweet Home coming to the Alma Mater reunites the old students with the staff and the Management.

The Alumini Association convened a meeting department wise for the out gone students on 19<sup>th</sup> February, 2016. Feedback was obtained from 477 participants.

### **Students Service, Youth Welfare and JACSFA**

Moulding the future leaders is the primary motive of Students Service, Youth Welfare and JACSFA.

Students Service League & JACSFA organized a one day Work Shop on **Financial Education** rendered by Mr. N.C. Chandrasekaran, Former Principal of Kandaswami Kandar's College, Nammakal, on 9<sup>th</sup> February, 2016.

### **Karate**

Self-defence is the prime concern of Karate.

Karate Demonstration was given on 5<sup>th</sup> August, 2015 by Mr. P. Nagarajan, Karate Master, Administrator of Atan Raj-Shito-Riju Karate School, Periyakulam.

6 students participated in the **one day training programme** on 20<sup>th</sup> December, 2015 at Kanniga Parameshwari Higher Secondary School, Kombai.

Four of our students participated and won in Katta & Kumite Competitions in **School Students Karate Championship** held at Periyakulam, on 24<sup>th</sup> January 2016.

One student got III Prize, in the Individual Kata for women above 18 years in the **School Students Karate Championship** held at Periyakulam, Theni District.

Four students won Prizes in **KATTA** for Women above 18 years **WHITE BELT Event** and four, in **KUMITE** for Women above 18 years **WHITE BELT Event** in the ALL INDIA OPEN KARATE CHAMPIONSHIP - 2016 organized by Alan-Raj Shito-Ryu Karate School, India held at Cardamom Planters Association College, Bodinayakanur, Theni Dist. on 28<sup>th</sup> February, 2016.

### **Placement and Career Guidance Cell**

The Cell devises means to provide prospective future career for the outgoing U.G. & P.G. students of the college.

A 6 day Training Programme on **Nurturing Soft Skills** was held from 8<sup>th</sup> to 13<sup>th</sup> June, 2015 by a team headed by Dr. K. Alex, Associate Professor of Commerce, St. Joseph's College, Trichy.

A **Career Development Programme**, on 8<sup>th</sup> July, 2015 by Mr. P. Ramdass, Marketing Executive and Mr. D. Daniel, Marketing Manager of Ayya Success Coaching Centre.

Mr. Raja Annamalai, Executive Director Mr. Mario Jegan, Chief Trainer & Mr. Sam Coordinator, FYNNSOFT Educational Trust provided a Career Oriented Programme on **Secret of Success** on 31<sup>st</sup> August, 2015.

Mr. J. George Fernandas, TVS Training & Services Ltd., CIN: U80302TN2010PLC075028, Vanagaram, Chennai, addressed the outgoing students on **Job Opportunities in Banking Sector** on 16<sup>th</sup> September, 2015.

**Aptitude Training** was provided by the team of Mr. A. Selvin, Executive Director, Right Choice Manpower Solutions, Chennai from 21<sup>st</sup> to 24<sup>th</sup> November, 2015.

**TCS Free Employability Training** was conducted from 21<sup>st</sup> December, 2015 to 25<sup>th</sup> February, 2016 by Mr. A. Selvin, TCS Trainer, Tata Consultancy Services, Chennai for 130 final year UG students from all disciplines except Computer Science.

Digital India Awareness Program, on 19<sup>th</sup> February, 2016 for the UG final year students by Mr. S. Jeyavel, M.E.,(Ph.D.), Director, Mr. P. Velraja, MCA,

Managing Director and Mr. M Pandeewaran, B.Com., CEO of Educational Trust, Theni.

JAC Community College succeeded in 100% Placement for the students of 2014-15 Batch.

Campus Drive, on 26<sup>th</sup> February, 2016 and 50 students were placed in Tata Consultancy Services, Chennai and 25, in Finbud Financial Services Pvt. Ltd., Nilakottai.

### **Current Events Club**

Current Events Club familiarizes the students with current affairs to equip them for competitive examinations.

A talk on '**Dr. A.P.J. Abdul Kalam – A Visionary**' was delivered on 25<sup>th</sup> August, 2015.

On account of celebrating the birth anniversary of Dr. A.P.J. Abdulkalam, 20 Current Events club members participated in the **Kelvi Thuli** Programme organized by Kodai FM 100.5 MHZ on 15<sup>th</sup> October, 2015.

50 students participated in the **Written Quiz-2** conducted on 29<sup>th</sup> October, 2015; 3 students won I Prizes and 3, II Prizes.

2 students delivered talks on **Solid Waste Management** and **New Advancements in Medicine** on 8<sup>th</sup> December, 2015.

1 student won II Prize in the Written Quiz on General Knowledge conducted on 9<sup>th</sup> February, 2016.

### **Eco Club**

**Eco Club** insists on the maintenance of ecological balance through different measures.

I & II U.G. Students participated class wise in the 3 day EVS Programme on **Education and Training Nature Conservation and Eco-Development** at Anglade Institute of Natural History, Sacred Heart College, Shenbaganur, Kodaikanal in July & August, September & October, 2015 and February, 2016.

Dr. Sr. T. Nirmala, Principal and Associate Professor of Zoology and Dr. Sr. A. Iruthaya Lourdu Gladis, Assistant Professor of Zoology, attended a meeting on **Recycling and Management of Plastic Waste** at the Collector Office, Theni on 6<sup>th</sup> August, 2015.

Dr. (Mrs.) M. Kalanithi, Associate Professor of Chemistry, attended a meeting on **Suggestions for Implementation of Solid Waste and Plastic Waste in Theni District** on 11<sup>th</sup> September, 2015 at the Collectorate, Theni.

In the **Caption Writing Competition** held on 16<sup>th</sup> September, 2015; 28 students participated and the captions of 10 students were awarded prizes.

**The World Ozone Day** was observed on 16<sup>th</sup> September, 2015.

120 students participated & 5 students won prizes in the Quiz held on account of **Wild Life Conservation Week** on 12<sup>th</sup> October, 2015.

An Exhibition on **Kadugal Ulagin Uyir Mandalam** (காடுகள் உலகின் உயிர் மண்டலம்) was organized in collaboration with Eeranilam Trust on 29<sup>th</sup> January, 2016.

### **Research Committee**

Dr. (Mr.) Solomon Arulraj David, Assistant Professor of Education, British University in Dubai, UAE spoke on Academic Writing for Journals on 13<sup>th</sup> August, 2015.

17 Research Scholars of the college made a oral presentation in the Research Forum held on 27<sup>th</sup> October, 2015.

JAC Journal of Science, Humanity and Management (JACJOSHAM) is the National Journal published by the College.

Departmental magazines are produced by Department of Computer Science and English.

### **Avian Club**

Avian Club drives home the interdependence of all the species to make the Earth a haven of joy and peace.



Demonstration on **Organic Farming and Seed Production** was by Dr. Sr. S. Iruthaya Kalai Selvam on 17<sup>th</sup> and Seed Distribution on 18<sup>th</sup> July, 2015.

Bird Watching Tips for Beginners were given by Miss P. Pushpa on 8<sup>th</sup> August, 2015; followed Bird Watching in JAC Campus on 10<sup>th</sup> August, 24<sup>th</sup> September, 2<sup>nd</sup> & 14<sup>th</sup> December, 2015 and 25<sup>th</sup> February, & 8<sup>th</sup> March, 2016 and Bird Watching at Periyakulam and Lakshmipuram Ponds on 21<sup>st</sup> January, 2016.

A talk on **Life History of Francis Assisi (Patron of Avian Club)**, was delivered by Rev. Sr. Dr. T. Nirmala, Principal, on 4<sup>th</sup> October, 2015.

A talk on **Economic Importance of Birds**, by Jannathul Firthous, & Dhanalakshmi of Department of Zoology on 12<sup>th</sup> February, 2016.

A talk on **Feather Friends of Sothuparai Reservoir**, by Mrs. Medona Mary, Research Scholar on 18<sup>th</sup> February, 2016.

Avian Club members participated in the bird watching in Periyakulam pond and identified and recorded 15 species on 21<sup>st</sup> January, 2016.

Talks on **Economic importance of birds** on 12<sup>th</sup> February, 2016; on **Feathered friends of Sothuparai Reservoir** on 18<sup>th</sup> February, 2016.

The competitions on **Model Making** on 15<sup>th</sup> February, 2016; on **Drawing**, on 16<sup>th</sup> February, 2016; on **Verse Writing** on 17<sup>th</sup> February, 2016; on **Album Making**, on 19<sup>th</sup> February, 2016; Essay Writing on **Conservation of Birds**, on 20<sup>th</sup> February, 2016; Speech on **Wet Land Birds** on 20<sup>th</sup> February, 2016 were conducted..

### **Central Library**

It is a treasure house that satiates the intellectual appetite of the staff and the students for knowledge and wisdom.

970 books have been added to the stock of, 43,845 and the total number of Journals is 151 in 2015 – 2016.

Competitions on **Verse Writing, Vocabulary Test** and **Essay Writing** on 15<sup>th</sup> February, 2016; on **Pencil Sketch** and **Story Writing** on 16<sup>th</sup> February, 2016; on **Quiz (Oral)** and **Debate** on 17<sup>th</sup> February, 2016 have been organised;

## **Women Cell**

Women Cell creates gender awareness and strives towards women empowerment.

Veeramaamunivar Tamil Literary Association invited Rev. Fr. Dr. Stephen S.J., Director, Vaikarai Publications, Dindigul for the Training Programme in **Writing Verse** on 16<sup>th</sup> September, 2015.

Talks on **Legal Awareness Programme on Laws Exclusively for Women** were briefed by Mr. Rama Doss, Theni District Munsiff, Mr. G. Vijayakumar, Sub-Judge, Periyakulam and a team of Advocates from the District Court, Periyakulam Taluk, Legal Service Committee on 26<sup>th</sup> November, 2015.

In Connection with the **National Girl Child Day, Rangoli and Poster Preparation Competitions** were conducted on 22<sup>nd</sup> January, 2016.

International Women's Day was Celebrated on 8<sup>th</sup> March, 2016 with the message by Dr. Gandhimathi, Associate Professor of Tamil, Sri Meenakshi Govt. College for Women, Madurai.

Veeramaamunivar Tamil Literary Association invited Rev. Fr. Dr. Stephen S.J., Director, Vaikarai Publications, Dindigul for the Training Programme in **Writing Verse** on 16<sup>th</sup> September, 2015.

## **Scholarship**

The college unearths all the avenues to procure Rs. 13,05,088/- towards Scholarships for 516 students to make their dream of higher education a reality.

### **Scholarship**

<b>S. No.</b>	<b>Name of the Scholarship</b>	<b>No. of Students</b>	<b>Amount Rs.</b>
1.	BC Free Education	313	5,57,182
2.	Tamilnadu Educational Trust	1	6,000
3.	Tamilnadu Farmer's Social Service Scheme	179	4,47,500

4.	Thozhilalar Nalavariyam	7	10,500
5.	Coffee Board	6	72,000
6.	Army	2	24,000
7.	Vaniyar Sangam	3	15,000
8.	PG Merit Scholarship	2	52,906
9.	PG Indra Gandhi Scholarship for Single Girl Child	3	1,20,000
	<b>TOTAL</b>	<b>516</b>	<b>13,05,088</b>

The Management compliments Mrs. I. Vetharani, Associate Professor of History, Miss B. Annapoorani, Assistant Professor of English and Mr. M. Xavier, Special Grade Assistant, on their superannuation in 2015-'16.

Mrs. I. Vetharani, Associate Professor of History has stamped her academic career with innumerable achievements during the last 35 years of dedicated service to our College in various capacities like a member of Admission Committee, the Coordinator of Harmony Club, Population Education Club, Students Youth Welfare, Fine Arts and Women Cell. It is remarkable to see the veteran academician to seek perfection in her attitude, in her thoughts, in her teaching and in her performance. She is endowed with the noble feature of enfolding her students with the motherly affection. She has excelled the professional in counseling both the staff and the students and mitigated their miseries. She has made herself trustworthy by obliterating the gap between the teacher and the taught through affectionate personal contact with them and their parents, through phone. She has been maintaining good rapport with the colleagues in and other departments. Her aesthetic sense, humorous touch and musical taste have distinguished her from others. Let her enjoy the bliss of God in abundance and radiate the same among others.

Miss B. Annapoorani, Assistant Professor of English, was a member of JACEP and N.S.S Programme Officer. She has been the IQAC Coordinator for the last two years. She is an exemplary teacher, whose remarkable contribution to the College is really commendable. Being an alumna of our institution, she had

been a meritorious student with a high academic proficiency. The College has invested her with the various responsible tasks like NAAC Core Committee Member, and her contribution to the College is really noteworthy. She works like a bee, displaying her efficiency, courage and vigour in the various responsibilities allotted to her. Her flair for English Language is admired by staff and students. Being the Coordinator of the Hope Club, she has contributed notably for the improvement of communicative skills, in and around the campus. She is a symbol of simplicity, integrity and virtuosity. She is unassuming perfect embodiment of commitment and dedication to her vision and mission. May the Almighty keep her in good health and joy in the forthcoming years.

Mr. M. Xavier, Special Grade Assistant, is a competent Administrative Staff. The industrious learner in him awakens his curiosity to grasp the advance technology to carry out his work skillfully and perfectly. His humorous sense has eased his own and others' work. Delay is unheard of, in his career. He works in advance before the G.O. reaches the College to procure for the staff of both the categories, salary grant and other emoluments on time. His skills has impressed those in other Colleges, who seek his guidance in administrative work. He is a big brother to the colleagues in the Office and directs and co-ordinates their work. He is very loyal to the management and the authorities and toils tenaciously for the welfare of the staff and the college. He is a good model to the beginners. Let the Lord protect him under His wings and showers His Grace on him in the ensuing years. Let him have blissful years ahead.

The silver bells ring vociferously the accolades heaped by the Silver Jubilarians, 3 teaching and 3 non-teaching staff .

Dr. (Mrs.) S. Anita Kannagi, Associate Professor of Zoology, has endeared herself to the staff and the students through her affability & cordiality.

Dr. (Mrs.) V. Santhi, Associate Professor of Zoology, her caring personality & smartness has carried her throughout her career with success.

Mrs. A. Jacqueline Regina Mary, Associate Professor of Physics, has carved a special niche in the hearts of the students and the fellow teachers with her personal concern and professional competency,

Rev. Sr. P. Elizabeth's, Selection Grade Typist, deep faith has fortified and nurtured her in her life and profession.

Mrs. S. Murugeswari, Special Grade Museum Keeper, has made herself indispensable with her meticulous work.

Mrs. A. Mary, Special Grade Sweeper, loves her work and keeps the allotted places spic and span.

Let the Jubilarians enjoy our Lord's nourishing bounty.

We wish them mirthful future ahead to be filled with nonstop achievements.

Abundance is our harvest of success in the manifold activities performed in this academic year. They usher us forward to look for his benevolent grace to reap only victory in future endeavours. I'm extremely happy to have laid down the activities and achievements before His Excellency, Most Rev. Eugene Joseph, Bishop of Varanashi, and the Chief Guest of the day Dr. Mrs. G. Valli, Vice-Chancellor, Mother Teresa Women's University, Kodaikanal, to partake in our joy and pride. I acknowledge honestly the kind cooperation of Rev. Sr. Dr. A. Maria Alphonsal, Mother Superior, Rev. Sr. Dr. P. Helen Chandra, Secretary, Rev. Sr. Dr. B.J. Queensly Jeyanthi & Dr. Mrs. G. Michael Rosario, Vice-Principals, Rev. Sr. Dr. S. Jesu Rani, Controller of Examinations and Dr. Mrs. J. Delphine Prema Dhanaseeli, Dean. My appreciation and best wishes are due to the empathetic members of the Donors' Family, Rev. Fathers and Sisters of our own and other Congregations, the Teaching and the Non-teaching staff, the Parents of our Students and beloved students. I congratulate the service of the Police Department in Periyakulam, Administrators. Electricians of T.N.E.B., the officials of Thamaraikulam and Kallipatty Panchayat Union and well-wishers and benefactors.

**Let the God reward the good works we do now and in future!**

Thank you!

By Rev. Sr. Dr. T. Nirmala, Principal