

# **PAAVAI POLYTECHNIC COLLEGE**

## **ANNUAL REPORT 2013 – 2014**

**I am very much pleased to present the 16<sup>th</sup> annual report of Paavai Polytechnic College.**

- The Classes for II & III year commenced on 3<sup>rd</sup> June 2013, in a traditional manner with a lot of enthusiasm.
- A One Day Training Program for the third year Automobile Engineering students was conducted on 29<sup>th</sup> June by Ashok Leyland Driver Training Centre at Namakkal.
- A Placement Training Programme was organized from 9<sup>th</sup> to 16<sup>th</sup> July for the all final year students by Placement Officers of Paavai Institutions.
- The inaugural function for the I year classes was held on 3<sup>rd</sup> July. The function started with Ganesa and Saraswathi Pooja. Thiru.CA N.V. Natarajan, Chairman, Paavai Institutions, delivered the presidential address.
- Bridge Course was conducted from 4<sup>th</sup> to 9<sup>th</sup> July for the first year engineering students.
- 66<sup>th</sup> Independence Day was celebrated on 15<sup>th</sup> August, 2013, in a grand manner. The Chairman of Paavai Institutions hoisted the National Flag and distributed the prizes to the winners of various competitions conducted in connection with 65<sup>th</sup> Independence Day.
- A Special Motivation programme was organized on the title “Goal Setting & Time Management” on 26.08.13 for the first year students.
- An Excellent Motivation programme was held from 2.09.13 to 11.09.13 for the second year students to develop their inter personal skills, attitude and memory power by K.R. Ashok & Team[Proprietor Able Training Centre]
- On 11.12.13 & 12.12.13, a two day workshop was organized at Paavai Polytechnic College by T.K.C. Hemalatha, International Jaycee Trainer for the Third year students.
- A Motivation programme was organized at Paavai Polytechnic College under the title “Kaiyalavu Karpom” on 31.12.13 for the First year students.
- Republic Day was celebrated on 26<sup>th</sup> January 2014, in a grand manner. The Chairman of Paavai Institutions hoisted the National Flag and took March Past Salute.
- Our Polytechnic College provides an opportunity for the budding students to speak on “Science and Technology” innovations everyday during the lunch interval.
- On Completion of every Unit, Subject-wise Quiz programmes are conducted for the benefit of the students to gain an in depth knowledge in the curriculum of study.

## **GUEST LECTURES**

**To improve the subject knowledge of the students, industrial experts from different fields were invited to deliver Guest Lecture.**

- The Civil Engineering Department arranged a Guest Lecture on 26<sup>th</sup> July 2013 for the Third year students. The Lecture was delivered on “Recent Trends in Reinforced Cement Concrete” by Mr. R. Muruganatham, Assistant Engineer, PWD.
- The Department of Computer Engineering Association has conducted a Guest Lecture on 29<sup>th</sup> July 2013 for the final year students on “Advanced Data Base”. The Guest Lecture was delivered by Mr. V. Krishnakumar and Mr. R. Mahendran, Crisp System, Salem.
- A Guest Lecture programme was conducted by the Electrical & Electronics Engineering Department on 30<sup>th</sup> July, 2013 for the second year students. The topic was “Circuit Breakers and their Maintenance” Mr. Andiappan, Assistant Engineer, TNEB, Salem delivered the lecture.
- The Electrical & Electronics Engineering students got benefited by a Guest Lecture entitled “General Electrical Safety and Earthing” held on 13.08.13 for the second year students. It was delivered by Prof. P.S. Subramanian, Dean of Paavai Polytechnic Colleges.
- On 14<sup>th</sup> August, the Mechanical Engineering Department conducted a Guest Lecture on “Non-Destructive Testing of Metals “for the second year students. The Lecture was delivered by Mr. Er.R.Vaigunthanathan, Section Engineer, Salem Railway Division, Salem.
- The Third Year Students of Electrical & Electronics Engineering Department got benefited by the Guest Lecture entitled how “Power Factor and its Improvement.” It was delivered by Prof.P.S. Subramanian, Dean of Paavai Polytechnic Colleges.
- The Department of Mechanical Engineering conducted a Guest Lecture on 11<sup>th</sup> January for the third year students on the topic “Railway Coach and Wagon Maintenance.” Mr. D. Radhakrishnan, Senoir Section Engineer, Southern Railway, Salem delivered the Guest Lecture.
- On 27.1.14, the Civil Engineering Department conducted a Guest Lecture programme on “Modern Surveying” for the second year. The Lecture was delivered by Mr.R.Nagarajan B.E., Vice Principal/HOD of Civil Engineering, Bharath Polytechnic College.

## **SPORTS & GAMES**

**Besides Academic activities our students have participated in various tournaments in divisional and State Level competitions and won the prizes.**

- Selvi.M.B.Althaf Jan of Second year Electronics & Communication Engineering won Silver medal in the State Senior Power lifting Championship on 8.6.13 held at Udagamandalam.
- Selvi M.B.Althaf Jan of Second year Electronics & Communication Engineering won Bronze Medal in National Power Lifting Championship from 28.6.13 to 30.6.13 held at Udagamandalam.
- On 26<sup>th</sup> and 27<sup>th</sup> August IPAA Salem Division Hand ball Tournament was held at Surabi Polytechnic College, Namakkal. Our College Men Hand ball Team won Fourth place.
- Our College Men Hockey Team won Third place in IPAA Salem Division Hockey Tournament held at Little Flower Matriculation Higher Secondary School, Salem on 22.12.13.
- District Men Ball badminton Team was held on 28.12.2013 & 29.12.2013 at Salem. Our College Men Ball badminton Team won Fourth place.
- Selvi A. Tamilarasi of Third Year Computer Engineering student won Bronze Medal in IPAA Salem Division Women's Athletics Tournament held at Thiagarajar Polytechnic College from 5.1.14 to 7.1.14.
- Our College Women Volley Ball Sports has won the First place in IPAA Salem Divisional Basketball Tournament held at Thiagarajar Polytechnic College, Salem from 5.1.14 to 7.1.14.
- IPAA Salem Divisional Basketball Tournament was held on 11.01.2014 at Paavai Polytechnic College. Our College team was the Divisional winner.
- On 14<sup>th</sup> & 15<sup>th</sup> December Namakkal District Basketball Championship was held at Trichengode. Our College Basketball team participated and won First place.
- On 1.12.13 Namakkal District Ball Badminton Championship held at Udayarpalayam. Our College men Ball badminton Team won First place.
- Our College Men Ball Badminton Team won the First place in Namakkal District Chief Minister Championship Trophy held on 27.10.13.
- On 3.11.13 Our College Men Basketball Team won the First place in Namakkal District Chief Minster Championship. Trophy.

- IPAA State Basketball Men Tournament was held on 20.1.14 & 21.1.14 at Excel Polytechnic College, Komarapalayam. Our College Basketball Team won the First place. They have won the match consecutively for the fourth time.

## **INDUSTRIAL VISIT**

**To gain practical knowledge, Industrial visits have been organized for the students.**

- Our final Automobile Engineering students visited Maruthi Coach, Karur, on 6.7.13.
- On 6.08.13, Our Third year Computer Engineering students visited Poras Technologies India Private Limited, Chennai.
- Our Final year Electrical & Electronics Engineering students visited 400KV Substation on 23<sup>rd</sup> December at K.R.Thoppur, Salem
- On 24<sup>th</sup> December our final year Civil Engineering students visited Pre Stressed Concrete Pole casting Yard at Mettur and also visited Salem Municipal water Treatment plant at Nangavalli.
- Electronics and communication engineering final year students visited the signals & Telecommunication works Southern Railways at Podhanur on 24<sup>th</sup> December.

## **Parents Meeting**

**In order to discuss the academic performance of the students, parents meet has been conducted frequently.**

- To discuss the academic performance of second and third year students, a Parents' meeting was organized on 17.8.13. About 100 parents have attended the meeting.
- On 13.09.13 A Parents' meet was organized for the first year students and discussed the academic performance. About 200 parents have attended the meeting.
- A Parents' meet was organized on 31.12.13 to discuss the odd semester activities and action to be taken on further improvement.

## **NSS Activities**

- Under NSS Activity, training Program on 'Life Skills' was conducted on 9<sup>th</sup> and 10<sup>th</sup> July for the First year students and the Resource person was Mr. Loganathan, HOD/Audio Visuals, Paavai Institutions.
- A Trekking program was organized to Kariyaperumal Karadu on 28.06.13 and 29.06.13 under NSS Activity. Nearly 600 students participated.
- Yoga Training classes were conducted for the Second and Third year students from 24.06.13 to 04.07.13 by Physical Department, Paavai Institutions.
- Under NSS Activity, a Trekking program was organized for the First year students on 26.08.13 to Kariyaperumal Karadu. Nearly 200 students participated.
- On 11<sup>th</sup> September Vivekanandar 150<sup>th</sup> Birthday Celebration Awareness Rally was conducted for the First year students. Nearly 300 students participated.
- A One Day Inter Polytechnic Level "Career Guidance Program" was organized on 12.12.13 at Muthayammal Polytechnic College by the State NSS Unit for NSS Volunteers and Programme Officer. 5 NSS Volunteers participated.
- On 13.12.13 Free Eye Screening Camp was conducted by our NSS Unit at Paavai Polytechnic College. All students got tested.
- Road Safety Awareness Cycle Rally was conducted on 11.01.14. Our NSS program officer with 400 NSS Volunteers participated in the rally held at Namakkal.
- A Trekking program was organized to Yercard on 4.1.14 under NSS activity. Nearly 450 students participated.

## **PAPER PRESENTATION**

**Our Students have actively participated in many Symposium and presented Technical papers on various Topics.**

- Final year Automobile Engineering students M. Aravinth and K. Kaviprakash presented a paper on “Micro Machining” at Muthayammal Polytechnic College on 18.12.13 and won First prize with a cash award of Rs.3,000/-
- On 18.12.13 D.Karthy and T. Gopinath of Final year Electrical & Electronics Engineering students presented a paper on “Energy Saving and Management” at Muthayammal Polytechnic College and won Second Prize with a cash award of Rs.2,000/-
- Third year Mechanical Engineering students K. Ramvignesh and V. Narayanaswamy presented a paper on “Fiction Welding” at Kongu Nadu Polytechnic College and won Second Prize with a cash award of Rs.2,000/-
- K. Prasanth and M. Tamilzhagan of third year Computer science Engineering students presented a paper on “Light and Fidelity” at Kongu Nadu Polytechnic College and got Third Prize with a cash award of Rs.1,000/-
- On 10.01.14 K. Ramvignesh and S. Venkatesh of Third year Mechanical Engineering students presented a paper on “Renewable Energy in Sustainable Development” at Thiagarajar Polytechnic College and won Third Prize with a cash award of Rs. 1,000/-
- Final year Computer Engineering students M.Muniayappan and R.Balamuralikrishnan presented a paper on “Ethical Hacking” at Arulmurugan Polytechnic College on 10.01.14 and got First Prize with a cash award of Rs.3,000/-
- Final year Mechanical Engineering students T.Karthick and S.Santhosh presented a paper on “New Techniques of Erosion Control on Hill Roads” at Virudhunagar S.Vellaichamy Nadar Polytechnic College on 24.1.14 and won first prize with a cash award of Rs.2000/-
- M. Srinivasan and .G. Vigneshwaran of Third Year Computer Engineering presented a paper on “5G Wireless System” and have won Third Prize with a cash award of Rs.1000/- organized by Vetri Vinayaha Polytechnic College on 25<sup>th</sup> January, 2014.
- M.Harikrishnan ,S.Aravinth ,P.Mohanasilambarasan, M. Tamilzhagan, R. Balamuralikrishnan of final Computer Engineering students have won First Prize in Zonal Level Robotics Competition of NRC 2013 -2014 conducted by Department of Energy Science and Engineering IIT Bombay at CSI Polytechnic College, Salem on

24.1.14 and 25.1.14. They have been selected to participate in National Robotics Championship to be held at Bombay during March, 2014.

- Selvan. M.Azharudeen and Selvan. V. Narayanasamy of Third Year Mechanical Engineering presented a paper on “Recent Trends in Auto Mobile Technology” has won First Prize with a cash award Rs.2000/- at Er.Perumal Manimekalai Polytechnic College, Hosur on 30.12.13.

## **BOARD EXAMINATION RESULTS**

**The following are the results achieved by our students.**

S.No	Dept	Year/Sem	April'13	Year/Sem	Oct'13
1.	D.Civil	II/IV	70%	II/III	76%
		III/VI	76%	III/V	88.5%
2	DME	II/IV	86.2%	II/III	92.19%
		III/VI	97.76%	III/V	94.2%
3.	DAE	II/IV	82.6%	II/III	88%
		III/VI	97%	III/V	89%
4.	DEEE	II/IV	93.9%	II/III	90.3%
		III/VI	95.2%	III/V	97.1%
5.	DECE	II/IV	98%	II/III	56.25%
		III/VI	98%	III/V	100%
6.	DCSE	II/IV	85%	II/III	71.4%
		III/VI	100%	III/V	91.3%
7.	Ist Year		72%		62.5%

## **CAMPUS INTERVIEW / PLACEMENT**

- A Campus Recruitment Drive was conducted by Tractor And Farm Equipment Limited, Dindigul on 21.12.13 at Paavai Polytechnic College.
- An OFF Campus Recruitment Drive was conducted by Hundai Motor India Ltd., Chennai at Murugesan Polytechnic College, Karipatti on 27.12.13. Our College students have participated.

## **CANADA INDIA INSTITUTIONAL COOPERATION PROJECT**

Canada India Institutional Cooperation Project is a Human Resource Development Project. It was launched by an MoU between Canadian Government and Indian Government. Our Polytechnic College has been selected under phase XI replication from the 2009 for implementation. The project has been focused in developing the following Thrust areas.

1. Strategic Planning
2. Continuing Education
3. Student Services
4. Staff Development
5. Women in Development
6. Facility Development

- A Strategic Planning group has been formed to prepare the strategy for the effective functioning of CIICP thrust areas and to achieve the developments.
- The revised Plan was developed for the year 2013 – 2014 and approved for implementation.
- A review Meeting was held on 21.6.13 to discuss the new courses proposed. Budget and Remuneration to the Staff members who handle the Continuing Education Classes.
- In Continuing Education four courses such as Computer Hardware Maintenance & Servicing, Graphics and Animation, Computer Hardware & Networking, Software Testing and C – Programming were conducted and 160 students have participated and benefited. The Courses were started during the month of July 2013 and in August 2013.
- A review Meeting was held on 12.12.13 to discuss the Continuing Education Fund for using institutional development from Continuing Education.
- In Continuing Education two courses such as AutoCAD and Mobile Servicing were conducted and 70 students have participated and benefited. The Course was started during the month of December 2013 and in January 2014.
- Mr.N.Tamilselvan has attended Open Source Software Training program offered by Spoken Tutorial Project, IIT Bombay at PSG Polytechnic College, Coimbatore on 17.09.13.
- Mr.C.Prabhu Lecturer/ECE has participated in Training on “Embedded Systems” at Karpagam Polytechnic College, Coimbatore from 16.12.14 to 20.12.13.



- A Seven day workshop on CNC Programming at Rane Polytechnic College, Trichy, was organized from 4<sup>th</sup> to 11<sup>th</sup> December. Mr. A.Arunkumar Lecturer/Automobile has participated.
- The successful development of this Strategic Plan is a result of encouragement and support given by our management and all our stakeholders. The step by step process of this plan has been followed systematically and in such a manner that on implementation of the plan will certainly act towards the growth of the Polytechnic.

### **A NOTE OF CONCLUSION**

The academic year 2013 -2014 sailed by with varied activities being imprinted in its achievements. It is an ongoing process and each staff has contributed towards achieving the goals. We march with a great vision and are truly optimistic in achieving it.

My sincere thanks goes to our management who lent their helping hand at all moments. I thank all the staff members for their cooperation and service rendered to the students' community.