

PAAVAI POLYTECHNIC COLLEGE, PACHAL

ANNUAL REPORT 2014 - 2015

I am very much pleased to present the 17th Annual Report of Paavai Polytechnic College.

- The Classes for II & III year commenced on 2rd June 2014, in a traditional manner with a lot of enthusiasm.
- **Microsoft Training Program** was conducted from 23.06.14 to 25.06.14 for the third year students under the guidance of Placement Director to update the knowledge in software field.
- **The Inauguration of First year classess** was held on 23.06.14. The function started with Ganesa and Saraswathi Pooja. Thiru CA N.V. Natarajan, Chairman, Paavai Institutions presided over the function. The First year students performed patha pooja to their parents on this occasion.
- **Bridge Course** was conducted from 24th to 29th June for the General Engineering students about Subject Awareness, Paavai Culture and Behaviour Pattern.
- **The Placement Training Program** was organized from 16.06.14 to 25.06.14 for all the third year students by Placement Training Officers, Paavai Institutions.
- An Orientation Programme was organised for the First year students from 2.07.14 to 4.07.14 by Mr. J.Karthick, International Jaycee Trainer on the topic **“Time Management and Goal Setting.”**
- **67th Independence Day** was celebrated on 15th August 2014 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 67th Independence Day.
- Guruvanakam and Padha Pooja were performed on the occasion of **The Teachers Day Celebration** on 5th September 2014.
- Microsoft Innovation Centre organised **"Hour of Code"** for one hour during Computer Science Education Week Celebration during December 8th to 14th to get an impact about simplicity of programming language. Individual certificates were awarded to the participants.

- A Workshop on "**Education with Values**" was conducted on 20.12.14 in Ananda Arangam. ShriCA N.V.Natarajan, Chairman of Paavai Institutions, presided over the function. Thiru.Krishna Chaitanya Das was the guest speaker. In his speech, he explained about spirituality, moral values and ethics.
- **Youth Week festival** was celebrated on 2.1.15,3.1.15 and 12.1.15 . The inaugural function was held on 2.1.15 on the theme of Health and Hygiene. Former President of Tamil Nadu Medical Council and also Former President of Indian Medical Association of Tamil Nadu Dr.K. Prakasam was the Chief Guest. Blood Donation Camp and Eye Screening Camp were organised. Various events were conducted and many students participated and got appreciation certificates.
- **Republic Day** was celebrated on 26th January 2015, in a grand manner. The Chairman of Paavai Institutions hoisted the National Flag and took the March Past Salute.
- An Orientation Programme was conducted from 2.2.15 to 7.02.15 for the Final year students by Mr.J.Karthick,International Jaycee Trainer and his team on the title "**உள்ளங்கைகளில் நட்சத்திரங்கள்**"
- **State Level Technical Symposium "Technosium 2K15"** was organised on 3rd February 2014. Shri R.Narendran, President, Aquasub, Coimbatore. was the Chief Guest. Students from various colleges participated and presented papers. The best papers were awarded with cash prizes.
- Our Polytechnic Students have involved themselves in the Organic farming activity "**Making Paavai Green Leaf Garden**" to make Paavai's field Green.
- Our Polytechnic College provides an opportunity for budding students to speak in Science and Technology "**Innovations every day**" at 1.20 p.m.
- On completion of every Unit, Subject-wise Quiz programmes were conducted for the benefit of the students aiming at indepth knowledge in the curriculum of study.
- "**Hour of Miracle**" has been conducted weekly two hours for the Polytechnic students to identify their hidden talents beyond the curriculum.

GUEST LECTURE

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

- Final year Civil Engineering students got benefited by a guest lecture entitled "**Abatement of Pollution to protect Earth.**" It was delivered by Mr. M. Nallathambi M.E.,M.B.A.,Assistant Professor,Paavai College of Engineering.

- On 31st July, The Computer Engineering Department arranged a Guest Lecture program for the third year students on "**Cloud Computing.**" The lecture was delivered by Mr.R. Sakthipriyan and Mr.M.Pravin,IT Gateway Solutions, Erode.
- Electrical & Electronics Engineering Department conducted a seminar on "**Energy Conservation & Electrical Safety**" for the third year students on 23.08.14. The lecture was delivered by Mr. Ravirajan, Senior Manager-Training, TTDC, Mettur Dam.
- The Second year students of Electrical & Electronics Engineering Department got benefited by a winding class entitled "**Transformation winding**" on 19.12.14. It was conducted by Mr.C. Mohan, Proprietor, Sri Sowdambiga Electricals, Salem
- On 3rd January 2015, the Civil Engineering Department conducted a guest lecture for the third year students on "**Vastu for Residential Building.**" A lecture was delivered by Ms. Narmada, HOD/Civil, Paavai College of Technology.
- The Department of Mechanical Engineering had conducted a Guest Lecture Programme on 3rd January for the second year students in the topic "**Non-Destructive Testing Metals.**" Mr.R.Vaikundanathan, Section engineer, Salem Railway Division, Salem, delivered the lecture.
- The Civil Engineering Department arranged a guest lecture for the second year students on 7th January. The Lecture was delivered about "**Self Compacting Concrete**" by Mr. M. Nallathambi, M.E., M.B.A., Assistant Professor, Paavai College of Technology.
- **Motor Winding Class** has been conducted in the Department of Electrical & Electronics Engineering for the second year students on 8.1.15. It was delivered by Mr. Mohan, Proprietor, Sri Sowdambiga Electricals, Salem.
- A Guest Lecture Program was conducted by Electrical & Electronics Engineering Department on 22.01.15 for the third year students on the topic "**Earthing Practice**". The Lecture was delivered by Thiru.P.S. Subramaniam, Dean Polytechnic Colleges.
- On 24th January, The Electrical & Electronics Engineering Department arranged a guest lecture program for the Final year students. The topic was "**Circuit Breakers and Maintenance**". The Lecture was delivered by Mr. Andiappan, Assistant Engineer, TNEB, Salem.
- A Guest Lecture program was conducted for the final year Mechanical Engineering students on 16.1.15. The topic was "**The Field of Latest Trends in Automobile Engineering**" and it was delivered by Mr. Arivazhagan M.E., HOD/Mechanical Engineering, Paavai College of Engineering.

SPORTS & GAMES

Besides Academic activities, our students had participated in various tournaments in Divisional and State Level competitions and won the prizes.

- Our College Men Ball Badminton Team won the first place in The TaminNadu State Chief Minister Trophy held on 02.08.14 at Paavai Polytechnic College.
- IPAA Salem Divisional Men Ball Badminton Tournament was held on 11th August at Sri Balakrishna Polytechnic College, Omalur. Our College Team was the Divisional Winner.
- On 5th & 6th January, IPAA State Level Men Ball Badminton was held at Sri Ragavendra Polytechnic College, Komarapalayam. Our College students have participated and came out as State runners.
- IPAA Divisional Level Basketball Men Tournament was held on 09.01.15 at Paavai Polytechnic College. Our College Team was the Divisional winners. They have won the match Consecutively for the fifth time.
- On 12th January, Tamilnadu State Chief Minister Trophy in Men Basketball Tournament was held at Paavai Polytechnic College. Our College Team was the District Winner.
- On 23rd & 24th January, IPAA State Level Men Basket Ball was held at PSG Polytechnic College. Our College students have participated and came out as State winners. They have won the match consecutively for the fifth time.
- IPAA Salem Divisional Women Volleyball Tournament was held at Excel Polytechnic College, Komarapalayam. Our College Team participated and came out as the Divisional winner.
- On 4th February, IPAA Salem Division Handball Tournament was held at Dhirajlal Engineering College, Omalur. Our College have participated and won the 3rd Prize.
- IPAA State Level Women Volleyball Tournament was held on 11th & 12th Febraury at Kongu Polytechnic College, Perundurai. Our College Team Participated and won the 4th Place.
- Selvan A. Sakthivel of Second year Electronics & Communication Engineering was selected for Tamilnadu Ball Badminton Team and participated in National Ball Badminton Championship Tournament held at Hariyana from 11th to 15th December 2014 and won the gold medal.
- On 14th & 15th Febraury, State Level Basketball Men Tournament was held at Paavai Polytechnic College. Our College Team participated and came out as runner.

- Our Polytechnic sports team won the First place in Salem Divisional Level tournaments during the year 2014 – 2015.

INDUSTRIAL VISIT

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

- On 2nd January, 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, Mettur.
- Final year Computer Engineering students visited **Crisp System**, Coimbatore, on 09.02.15.

PARENTS MEETING

In order to discuss the academic performance of the students, Parents Meeting has been conducted frequently.

- To discuss the academic performance of second and third year students. A Parents' Meeting was organized on 18.08.15. About 100 parents had attended the meeting.
- On 16.08.14 Parents' Meeting was organised for the first year students and discussed their academic performance. About 150 parents attended the meeting.
- Parents Meeting was organised on 03.01.15 to discuss the odd semester results and necessary actions were taken for further improvement.

NSS ACTIVITIES

- **A Trekking Program** was organised to Kariyaperumal Karadu on 07.06.14 under NSS activity. Nearly 200 students participated and planted tree saplings.
- Under NSS Activity, training program on "**Life Skills**" was conducted from 11th to 14th June for the Second year students and the Resource person was Mr. Loganathan, HOD/Audio Visuals, Paavai Institutions.
- On 29th November, **Road Safety Awareness** was organised by Paavai Polytechnic College under NSS activity. Thiru.P.S.Subramaniam Dean, Polytechnic Colleges presided over the program. Shri N.K. Ravikumar, Safety and Training Officer, M/S.Ashok Leyland, Namakka, I was the Chief Guest.
- **A Trekking Program** to Yercaud was organised on 6.12.14 as a part of NSS activity. Nearly 300 students participated.

- **A Blood Donation Camp** was organised on 02.01.15 jointly with Lions Clubs, Salem Airport at Paavai Polytechnic College. Nearly 100 students donated their blood.
- **Free Eye Screening Camp** was conducted on 02.01.2015 by Lotus Eye Care, Salem, at Paavai Polytechnic College. All the students were benefitted.
- On 29th December, **Aids Awareness Program** was organised at Paavai Polytechnic College. Our NSS Volunteers participated and got benefitted.
- **Free Blood Group Checking Camp** was conducted on 05.01.15 by our NSS Unit at Paavai Polytechnic College. The blood groups of all students were tested.
- A one day programme "**Employability and Soft Skill Training Programme**" at Inter Polytechnic College Level was organised on 28.01.15 at Muthayammal Polytechnic College for NSS Volunteers and Programme Officers. Our College NSS Programme Officer Participated with 5 NSS Volunteers.
- On 30th January, **Election Voting Awareness Programme** was conducted at Paavai Polytechnic College. Our NSS Volunteers Participated and got benefitted.
- As a part of NSS Activity, Our Paavai Polytechnic Students gladly started "**Clean India Movement**" to enable the young minds for a cleaner and greener Indian tomorrow. Our NSS Volunteers have joined in clean India movement.
- As a part of **Red Ribbon Club**, Mr.A.Bharathi Lecturer/Mechanical Department participated in the one day Training Programme for RRC Programmed officers of Polytechnic Colleges on celebrating Life Module conducted at C.S.I Polytechnic College, Salem in association with the Tamil State AIDS Control Society on 20th February 2015.

PAPER PRESENTATION

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

- Selvan. K.Salaisagasthiran and Selvan C.Sriharinarayanan of final year Automobile Engineering presented a paper on "**The Process Moulding and Simulation**" organised by Muthayammal Polytechnic College on 18.12.14 and won Second Prize with a cash award of Rs.2000/-
- Final year Automobile Engineering students Selvan K.Salaisagasthiran and Selvan S.P.Gokul Priyan presented a paper on "**Latest Technology in Propeller Shaft**" at Kongu nadu Polytechnic College on 05.01.15 and won third prize with a cash award Rs.1,000/-

- On 5th January, Selvan P. Praveen Kumar and Selvan S. Ashok kumar of Final year Electrical & Electronics Engineering presented a paper on **“Broad Band Over Power Lines”** at Kongu Nadu Polytechnic College and won third prize with a cash award Rs.1,000/-
- Selvi T. Manisha and Selvi. K. Jayasinduja of final year Electronics & Communication Engineering presented a technical paper on **“Data Communication”** at Nachimuthu Polytechnic College on 8th January and won second prize with a cash award Rs.1,500/-
- Final year Automobile Engineering students Selvan P.Muruganantham and Selvan B. Gowthamkumar presented a paper on **“Autonomous Vehicle”** at Vetri Vinayaha Polytechnic College on 24th January and won first prize with a cash award Rs.2,000/-
- Selvi T. Manisha and Selvi. K. Jayasinduja of Final Year Electronics & Communication Engineering presented a technical paper on **“Humanoid Robotics”** at Vetri Vinayaha Polytechnic College on 24th January and won second Prize with a cash award Rs.1,500/-
- Selvan. K.Salaisagasthiran and Selvan S.Dinesh of final year Automobile Engineering presented a paper on **“Advance Propulsion Methods”** and won Second Prize with a cash award of Rs.2000/- at Vetri Vinayaha Polytechnic College on 24th January.
- Final year Electrical & Electronics Engineering students Selvan. D.obuliraj and Selvan D.Vignesh presented a paper on **“Hybrid Electric Vehicles”** and won Third Prize with a cash award Rs.1,000/- on 23rd January at Arulmurugan Polytechnic College, Karur.
- Selvi. K. Jayasinduja of final year Electronics & Communication Engineering presented a technical paper on **“Home Networking”** at Perumal Manimegalai Polytechnic College on 5th February and have won second prize with a cash award Rs.1,500/-
- Final year Computer Engineering students Selvan S.Prabhudeva and Selvan P.Thisohar presented a paper on **“Wearable Computer”** at PSG Polytechnic College on 05.02.15 and won first prize with a cash award Rs.1,000/-
- Selvan G.Gokul and G.Vinothkanna of final year Computer Engineering presented a paper on **“E-Ball Technology”** at PSG Polytechnic College on 05.02.15 and won second prize with a cash award Rs.750/-
- On 7th Febraury, Selvan P.Thisoharr and Selvan S.Sriram of Final year Computer Engineering presented a paper on **“Social Websites”** and won second prize with a cash award Rs.1,000/- at Karpagam Polytechnic College,Coimbatore.

- On 14th February, Final Year Computer Engineering students Selvan. S.Prabhudeva and Selvan. S.Sriram presented a Paper on **“4G Technology”** at Vignesh Polytechnic College, Thiruvannamalai and won second prize with a cash award Rs.1,000/-

BOARD EXAMINATION RESULTS

The following are the results achieved by our students.

S.No	Dept	Year/Sem	April'14	Year/Sem	Oct'14
1.	D.Civil	II/IV	83.6%	II/III	77.3%
		III/VI	86.9%	III/V	80%
2.	DME	II/IV	81.15%	II/III	78.15%
		III/VI	88.18%	III/V	88.40%
3.	DAE	II/IV	84.12%	II/III	78%
		III/VI	95%	III/V	96%
4.	DEEE	II/IV	84%	II/III	69%
		III/VI	97%	III/V	95%
5.	DECE	II/IV	95.83%	II/III	96%
		III/VI	100%	III/V	95.4%
6.	DCSE	II/IV	97.95%	II/III	93.5%
		III/VI	93.33%	III/V	100%
7.	I YEAR	I ISEM	79%	I SEM	59%

- Selvan. T.Muruganatham of Sem V Automobile Engineering has secured 700/700 in the Oct'14 Board Examination.
- Our Polytechnic Students got 88 centums in various subjects in the April 2014 Board Examination.
- Our Polytechnic Students got 94 centums in various subjects in the October 2014 Board Examination.

CAMPUS INTERVIEW / PLACEMENT

- On 29th January , Campus Interview was conducted by LG Balakrishnan & Brothers Limited, Coimbatore at Paavai Polytechnic College. 9 students of Mechanical Engineering, 25 students of Automobile Engineering and 7 students of Electrical & Electronics Engineering got selected.
- A Campus Recruitment Drive was conducted by Brakes India Limited, Chennai on 21.01.15 at Paavai Polytechnic College. 11 students of Mechanical Engineering and 5 students of Automobile Engineering were recruited.
- A Campus Recruitment Drive was conducted on 3rd January by Aquasub Engineering, Coimbatore at Paavai Polytechnic College. 33 students were shortlisted in this recruitment drive.
- On 4th February, an Off Campus Drive was conducted by HCL, Chennai at Thiyagaraja Polytechnic College. 11 students of Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Engineering students were shortlisted for final selection.
- An Off Campus Recruitment was conducted on 27th February by Axels India Limited, Chennai and Asahi India Glass Limited, Chennai at Pavendar Polytechnic College. 4 students of Automobile Engineering were recruited.

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 2009 for implementation. The Project has been focussed on 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 development.

- The revised plan was developed for the year 2014 -2015 and approved for implementation.
- A Review Meeting was held on 05.07.14 to discuss the new courses proposed. Budget and Remuneration to the staff members who handle the Continuing Education Classes.
- In Continuing Education three courses such as Auto CAD, Software Testing, Computer Hardware & Net Working were conducted and 90 students have participated and benefited. The Courses were started during the month of July 2014 and August 2014.
- A Workshop on **“Effective use of NMEICT productd for Teaching”** was organised on 7th and 8th July by National Institute of Technical Teachers Training and Research. Mr.P.Rameshkumar HOD/ECE and Mr. N. Tamilselvan HOD/CSE participated.
- A Programme on **“Problem based Learning”** was conducted at PAC Ramasamy Raja Polytechnic College, Rajapalayam on 17.12.14 and 18.12.14 and Mr.M. Sasikumar had attended the training.
- On 13.12.14 & 14.12.14 **“A workshop on Green Environment”** was organised by State Project Co-ordination Unit, CIICP at PSG Polytechnic College, Coimbatore. Mr. N. Tamilselvan HOD/CSE participated.
- The successful development of this Strategic Plan is the 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 the plan will certainly act towards the growth of the Polytechnic College.

A NOTE OF CONCLUSION

The Academic year 2014 – 2015 sailed by with varied being imprinted in its achievements. It is an ongoing process and each staff has contributed towards the achievement of goals. We march with a great vision and are truly optimistic in achieving it.

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