Dear Parents,

I take pride and pleasure to be with you once again through this news letter 2004.

Technical manpower development in India is rapidly progressing. Considerable attempts have been made to quantify the supply and demand of technical manpower, less is known about qualitative aspects which are now considered for important in the context of globalisation.

In the past, Engineering graduates are produced mainly to meet the needs of basic and traditional industries such as irrigation, power, public works, railways and roads. The scenario is changed at present and more improvements in the qualitative aspects of an Engineer towards positive side is very much warranted.

Global competition combined with the information technology revolution has led to a shift in paradigm in engineering practice. It demands new technical skills, communication skills, ability to create, lead and work effectively as a member of a team. Engineering divisions have to be made with an understanding of socio-economic facts. The emerging engineering graduates have to prepare themselves with regards to the change in demands both quantitatively and qualitatively.

As technical manpower is the key to country's prosperity high technology jobs are the need of the future and hence a highly skilled work force is required. The skills that employers look for are called employability skills which are developed in the prospective engineers in engineering colleges. These employability skills must be known to students, teachers and employees.

The requirements for employability from the point of view of employers reveal that they look for two kinds of skills in the candidates. Hard skills refer to technical knowledge and practical skills whereas Soft skills are logical thinking problem solving, handling of information, development of attitudes such as flexibility and willingness to work co-operatively with others. An 'Employability Skills Profile' of engineers is based on the expectations of employers in the performance of technical jobs.

These skills are essentially characterized by an interdisciplinary approach to knowledge and by ability to work in terms of real life, time bound, goal oriented tasks of production, design and development, of research and ultimately of social action.

Life-long learning requires development of ability of learning-to-learn. This is very important because of explosion of knowledge and its high rate of obsolescence. To keep one's market value high, one has to continuously update knowledge and skills through continuous training and self study; 'Ability to work in team' is yet another no-less-important requirement at the place of employment.

We, in PAAVAI, channel all our efforts to mould our students not only mere Engineers but value based engineers and in particular as said above, employable engineers.

We shall continue to follow our MOTTO of imparting updated technical competence to our students. We shall also strive inculcate in our students the importance of Team work, Goal setting, Time Management, Communication skills, Leadership qualities, Negotiation skills, Emotional resistance and motivation which are some of the aspects that the students to be aware of to tide over the difficulties in life, to pluck the fruits of success.

While sincerely extending our heartfelt gratitude for the continuous and constant support rendered by the parents, let me please highlight some of the important events which were taken place during the academic year in the following pages...

From the Desk of Chairman

Events 2003 - 2004

PAAVAI
ENGINEERING COLLEGE
PACHAL, NAMAKKAL - 637 018.
The First program of our college was a 'Career Guidance Workshop'. In Association with Rasiapuram Rotary Club, We organized a Career Guidance Programme for +2 students on 27.04.2003 at Rasiapuram. Nearly 1000 students, in and around Rasiapuram participated in the programme. Mr. Jayaprakash A. Gandhi Turning point India, Salem spoke on, opportunities for +2 students in various courses & colleges. Mr. V. Natarajan, Chairman Paavai Engineering College spoke on choosing 'Chartered Accountant' as a career and Mr. Elamurugan gave a lecture on Yoga & Meditation.

The Academic year of our college started with an orientation programme for our staff members on 28th and 29th of May. Reputed International Jaycees trainers Mr. T.K. Chandrasekar, Mrs. Mangaiarkarasi and Mrs. Nalinini conducted a two days training programme to 'train the trained lecturers' of our college to improve further their skills and talents.

Inaugural function of the 3rd year classes along with a career guidance programme was held on 2nd of June. Mr. Jayaprakash A. Gandhi, Turning Point India, gave a lecture on opportunities for Engineers, interview techniques, group discussion, preparation for competitive exams etc. This programme was very helpful for the students to have an initial idea over their career choices.
A Workshop on Effective Communication was arranged for the third year students to improve their communicative skills on 6th, 7th and 8th of June. It was conducted by Mr. Ashok and Mrs. Brindha Ashok, directors, Akshardam for Women Assistance Rural and Entrepreneurial Development, Erode. This was useful for the students to open up their mind and to communicate.

The second year student of EEE Department had an Industrial Visit on 28th June 2003 to Salem Steel Plant for one day.

On the 5th of July 2003 Dr. A.P. Ramasamy, Professor of Mohankumaramangalam Medical College, Salem gave a lecture on 'Health and Hygiene'. In this programme suitable food habits were suggested to the students. Topics like Balanced Diet and Food Hygiene were discussed in detail.

A One day Industrial visit was arranged for the second year students of EEE on 10.07.2003 to Power Grid Corporation, Salem.

On 19.07.2003 a 'Seminar on Opportunities in IT field' was held. The host was Mr. Ajit Karunagaran, WIPRO Limited, Coimbatore. In this programme, the speaker emphasized that the students must improve their communication skills and must be thorough in basic knowledge.
To drive the students on their practical knowledge about the industries, we often encourage industrial visits and as such, they had a visit on 24.07.2003 to 26.07.2003 (III Year CSE & IT Students) and visited Syscon Instrument Private Limited, Bangalore & Hindustan Photo Films Limited, Ooty.

On 26th July, a guest lecture was arranged for the students of Electronics and Communication Engineering on Digital Signal Processing. The lecture was given by Dr. Madheswaran HOD, Electronics and Communication Engineering Department, PSNA Engineering College, Dindugal.

To help our students to choose their right career, a career guidance programme was conducted on 8th August 2003 by Mr. Vignesh and Ms. Rajeswari, of KSR Infotech, Chennai.

On the 2nd of August a special Lecture on Electrical Machines was arranged, Prof. Sivaprakasan, Electrical and Electronics Engineering Department, Government College of Engineering, Salem conducted the Programme. This Lecture was very useful for the students of Electrical and Electronics branches.

An Industrial visit was arranged for the III Year ECE & II Year CSE & IT students on 7th, 8th & 9th August and they visited Radio Astronomy centre, Hindustan Photo films Limited, Ooty, WIPRO Limited Pondicherry and Autolib Limited, Chennai. On the same day, III Year ECE Students visited Syscon Instruments Private Limited, Tricom Technologies, Bangalore.
On 11th August, our third Batch Classes with Science Exhibition were inaugurated by 'Agada Vigadar' Dr. Abdul Kadhar, Professor & HOD Tamil Department, Islamic College at Vaniyampadi. In the Science Exhibition nearly fifty models were exhibited by students of all branches. Impressive and motivating speech by the Chief Guest gave a good start to the first year students.

Independence Day was celebrated on August 15th. Chairman of the institutions hoisted the flag. The Vice Chairman participated in the function and the students presented variety programmes.

The Second year students of Electrical and Electronics Engineering had an industrial Visit from 21.08.2003 to 23.08.2003. They visited industries like Hindustan Photo Films, Radio Astronomy Centre, Railis India Limited, COTY and Arul Mariyanam Textile Limited (Wind Mill Division) Udumalpet.

"INFOSPURT 2003" Intra College Technical Symposium was conducted on 23rd August 2003 by the students of Computer Science & Information Technology Departments. The Papers were presented in the following topics voice over data, Neural networks, 3G networks, Bio informatics, Natural language processing Apart from paper presentation, we had Technical Quiz, Software Presentation, etc. Students actively participated in all the events with cheer and enthusiasm.
'Teacher Day' was celebrated on 5th September, there was lot of activities for the teachers by the students.

The senior students welcomed their juniors in the fresher’s party on 04.09.2003. In this function students got introduced and the juniors exhibited their talents in the form of various activities.

On 30th September a Special Seminar was conducted on Remote Sensing. Mr. Sathish Kumar, Indian Institute of Geo information, Coimbatore gave a special lecture and explained the concept, development and application of remote sensing techniques.

In order to encourage the sports talents of the Youth, our College along with Salem District Athletic Championship event on 21.10.2003 both for boys and girls at Salem. Students from all over the District participated and the response was appreciable.

A one day Programme on the topic 'Feel Great' was organized on 21.11.03 for the first year students. The co-ordinators were Mr. Ashok & Brindha Ashok from Erode. The whole Programme was a grand success and every aspect to feel great was discussed and the students were highly benefited by it.

To help the students of Electronics and Communication Engineering know about the latest techniques, a special lecture was by Mr. D. K. Ghosh Assistant General Manager SAIL, Salem on the topic “Electronics and Industrial Applications” on 20th December.
Our Institution, in association with the Rotary Club of Rasipuram conducted RYLEA 2003 in our College on 26th, 27th and 28th December. It was a Youth Leadership Awareness Programme and nearly students from 25 colleges all over TamilNadu participated. The special speakers were Mr. Venkatesh and Mrs. Jayanthi Venkatesh, Mr. Ashok and Mrs. Brindha Ashok, Mr. Suryanarayanan and Mr. Pugalendhi. Topics like Success Unlimited, Maratha Manitha Neyam, Time Management, Self Esteem, Self Discipline, Communication Skills, Body Language were analysed in detail.

The year 2004 started with a special lecture by Elakkya Chemmal Silamboli Chellapan. The Celebration started with his outstanding lecture and blessings.

Personality Development Programme was conducted for all the 3rd year students and PG Students. The Chief Trainers were Mr. S.S. Venkatesan and Mrs. Jayanthi Venkatesan of Coimbatore
A. For Electronics and Communication Engineering students it was on 3rd & 4th January on the topic 'Experience the Expertise'
B. For Computer Science Engineering & Master of Computer Application Department students it was on 19th & 20th January on the topic 'Aim Higher to Achieve'
C. For Information Technology Students on 29th & 30th January on the topic Reach the Zenith.
Self discovery, Interview Techniques, Group discussion are some of the topics discussed in these sessions. This programme was well received by one and all.
The Lecturers of the Paaval Institutions had a Faculty Orientation Programme in Kolli Hills on 11th, 12th and 13th January. International Trainers, Mr.T.K.Chandrasekaran, Mr.Shanmuga Sundaram, Mr. Suresh, and Mr.Siva Kumar conducted the programme. Various topics like goal setting, IT, Teamwork etc were dealt with. It was well accepted by all the staff members and they actively involved themselves in all the three days.

The latest development in Computer Science like Artificial Intelligence and Robotics were discussed in a special lecture by Prof. Dr. R.S.D. Wahidabalu, Salem on 24th January 2004.

On 26th January the Republic Day Celebration was held and the students and staff members actively participated in the celebration. The Secretary hoisted the National flag and the chairman presided over the function and the students gave their special Republic day performances.

On 24th January & 31st January an Industrial Visit to T.V. Relay Station Yercaud was arranged for II Year Electronics and Communication Engineering & Electrical and Electronics Engineering Students.

On 02.02.2004 a special lecture was given by Ulavan Thangavel, President, Manavala kalai Mandram, Namakkal on the Topic ‘Sindhanai, Seyal & Sadhanai’ related to Yoga & Meditation.
A Guest Lecture was arranged for Electronics and Communication Engineering & Electrical and Electronics Engineering Students on 10.02.2004 about Protection of Electrical Systems. The lecture was delivered by Mr. S. Mohankumar, Executive Engineer, Mettur Thermal Power Station.


A ten days Yoga programme was conducted in our college from 11.02.2004 to 20.02.2004 for boys and girls. Nearly 150 students participated in this training programme. It was lead by Mr. Uzavan Thangavel, President Mana Valakalai Mandram. He with his trainers, trained our students in various fields of yoga like kayakalpam training, exercise for the body & soul, Meditation, Eye exercise & many more.

11.02.2004 மற்றும் 20.02.2004 வரை, நம்பிக்கை பெற்றோரின் கருத்துக்குரிய பார்வைகள் உள்ளது. எனவே இந்த 150 பார்வையாளர் பார்வையாளர்களுடன் பார்வையாளர்கள். இந்த பார்வையாளர் பார்வையாளர்களுடன் பார்வையாளர்கள். பார்வையாளர் பார்வையாளர்கள் பார்வையாளர்கள். பார்வையாளர் பார்வையாளர்கள் பார்வையாளர்கள். பார்வையாளர் பார்வையாளர்கள். பார்வையாளர் பார்வையாளர்கள்.

On 21st February 2004, Mr. G. Sekar, Additional Chief Manager - Electrical, Neyveli Lignite Corporation, Neyveli spoke on Power System Planning & Operation. Students of Electronics and Communication Engineering & Electrical and Electronics Engineering branches participated in this programme.

Our III Year Computer Science and Engineering & Information Technology students visited Turtle Software Limited, Pondicherry on 28th February 2004.

On 8th of March 2004, Women’s Day was celebrated in a grand manner. Our Correspondent presided over the function. Staff and students actively participated. Chairman and Principal of the Institution felicitated.
**WORKSHOP/SEMINARS ATTENDED BY OUR FACULTY MEMBERS**

1. Mr. M. Premkumar, Lecturer / Mechanical Department attended a two days YRC training programme at P.G.P. College of Engineering & Technology, on 26th & 29th of September 2003.

2. Mr. V. Rajadurai, Lecturer / Mathematics Department attended AICTE Sponsored Staff Training Programme on Mathematical Modeling in Engineering at Mahendra Engineering College on 17th to 30th November.

3. Mr. M. Premkumar, Lecturer / Mechanical Department attended a Seminar on Simulation and Modeling in Kongu Engineering College on 21st and 22nd December 2003.

4. Mr. M. Prem Kumar also attended a Workshop on Youth friendly Counseling Service conducted by P.G.P. Arts and Science College on 23rd of December.

5. Mr. V. KamalaKannan, Lecturer / Computer Science Department attended a workshop on Advanced Dot Net conducted by Aptech at Chennai on 02.01.2004.

6. Mr. V. Rajadurai, Lecturer / Mathematics Department attended a two days National Seminar on Recent Trends and Applications of Mathematics in Engineering held on 5th & 6th of March 2004 conducted by Meppo Schlenk Engineering College, Sivakasi.

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**OUR COLLEGE STUDENTS ACTIVELY PARTICIPATED IN MANY INTER AND INTRA COLLEGIATE COMPETITIONS AND WON MANY PRIZES. MORE THAN HUNDRED STUDENTS PARTICIPATED IN TECHNICAL SYMPOSIAUS CONDUCTED BY VARIOUS COLLEGES. THE LIST OF THE STUDENTS WHO WON THE PRIZES IS GIVEN BELOW.**

<table>
<thead>
<tr>
<th>Name of the Student</th>
<th>Name of the College</th>
<th>Prizes won</th>
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<tr>
<td>R. Kannan &amp; M. Elango III Year IT</td>
<td>Hindusthan College of Arts &amp; Science, Coimbatore</td>
<td>FIRST</td>
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<tr>
<td>R. Kannan &amp; G. Gopalakrishnan III Year IT</td>
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<td>Anna University College of Engineering, Guindy</td>
<td>THIRD</td>
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<tr>
<td>G. Keerthana &amp; V. Jayashree III Year ECE</td>
<td>Jayam Engineering College Dharmapur</td>
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<td>R. Sudha &amp; S. Srividhya II Year IT</td>
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<td>P. Kavitha &amp; S. Asmadbegam III Year IT</td>
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<td>S. Nithya Rani &amp; G. Umadevi III Year CSE</td>
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<td>V. Ramya &amp; S. Deepa Priya III Year CSE</td>
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<td>P. Dinesh &amp; A.C. Umesh Kumar III Year CSE</td>
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Our students actively participated in NSS programme at Pachal Namakkal Dist.

Our students actively participated and performed a cultural programme in the BUILD EXPO 2003 conducted by Salem Civil Engineers Association, at Ratinavel Gounder Kaliyana Mandapam, Salem.
Our Students won the first prize in the National level Software contest held by Thiruvalluvar College of Engineering. They were distributed the Certificate by the Chief Manager, State Bank of India Rasipuram.

Our aim is always “To continue to be different and exclusive from others” with your support motivation and guidance, we will march towards our aim with full of confidence and determination.

With Regards

N. V. Natarajan
Chairman