

**K A P**
Kumari Arivial Peravai

YOUNG SCIENTIST PROGRAM 2014-2015
AWARD PRESENTATION CEREMONY
AT
GOVT. MEDICAL COLLEGE, ASARIPALLAM
ON
23/05/2015



REPORTS BY,
GBY ATEE
RESHMA
DANI ROVAS



REPORTED BY,
GBY ATEE,
GREEN TEAM LEADER.

The first meet for the chosen young scientists was held at LMS Boys Hr. Sec. School Marthandam on 26/10/14. Then was the scientific awareness camp at CSI College of Technology, Thovalai. We were made aware of the need for a sustainable environment in this program. The next meet at MACET on 22/11/14 which was the Management Concept in Thirukkural, made us aware of the heroic role that Thirukkural plays in our life. The fourth meet was held at Govt. Medical College,

Asaripallam on 29/11/2014. Here we received vast ideas about the medical field and we realized the role that a doctor plays in our life. The next camp was a Study on Sustainable Environment on 6th and 7th of December. It was on this camp that we contributed to the Swach Bharat Mission which was instigated by our Prime Minister Narendra Modi. Then was the Coastal Environmental Study Camp and it was one of the best. We were made aware of the coasts around our district and we learnt the significance of them.

As planned a common team meet was organized on 04/01/2015 at Hindu Vidhyalaya School, Marthandam through which we realized the true caliber of our team members. The next meet was at Government Library, Pienkulam on the 17th of January. It was the Arivial Tamil Muzhakam Program and this meet emphasized the importance of Mother tongue Tamil. The next program was a bizarre one at IIST and it was indeed a great experience for us. Then was the Technical Presentation on Science & Technological Innovations held at Maria College of Engineering and Technology, Attoor on 14th of February. To make us realize the role of science in our life and its development in India the National Science Day Celebration on Scientific Development in India was celebrated by KAP on 28th of February at SIGMA College of Architecture, Moododu. Then was the most awaited program, the Biodiversity camp on 7th and 8th of March. It was a unique and exclusive program which made us aware of the prosperous biodiversity of our nation and the need for protection of our affluent biodiversity. To extent our skills in presentation part a common team meet was organized at NVKS School, Attoor on 15th of March, which gave all the students an opportunity to present on their team research topic.

After the parents meet held at SIGMA College on 22nd of March a team meet was organized at Vpro Technologies on 28th March. The next program was organized on the very day, which is the Earth Hour Program at Rotary Community Center, Nagercoil. We now have the pride of creating awareness on energy conservation on Earth Hour Program. Then we the members of Green Team planned for a team meet at the residence of the team leader, Gby on 2nd of April. This team meet was followed by another team meet at Vpro Technologies on 12th of April. After all that team meet we were trained and almost ready for the university presentation. So to give us more hope and make us completely ready for the university presentation a Scientific Talent Evaluation Program was organized at Annammal College of Nursing, Kuzhuthurai on 18th of April. As a final practice we the green team members organized a team at the residence of Srinidi on 23rd of April. Then came the final and the paramount program of ours the university presentation the Study Report Presentation at Central University of Tamil Nadu, Thiruvarur on 26th of April. Our hardwork brought great victory to us and our joy was endless. Finally came the good bye time for us, the Award Presentation Ceremony. It was scheduled on 23rd of May 2015.

Awards can give you a tremendous amount of encouragement to keep getting better, no matter how young or old you are”- Alan Alda

“You were born to win, but to be a winner, you must plan to win, prepare to win, and expect to win”- Zig Ziglar

The final and the most anticipated moment arrived, the **Award Presentation Ceremony**. We the students who were trained the whole year will be crowned as the Young Scientists. We would be marked as the gems of KAP. My heart was craving for that very moment and finally it was there in front of me on 23rd of May. With the assistance of KAP I was transformed into a new person who is born to win and all the tribute that I achieve will indisputably get to KAP my guide. There is one thing that makes my heart sink. I have to leave KAP and I would be having no more wonderful trainings and camps like those I had with KAP. I wish to continue with KAP which would train me even more.

I arrived at the destination and was amazed to see the arrangements. The stage was s big, enough to hold all the 56 young scientists and their entire family. The crowd was increasing each moment and the auditorium was overflowing with viewers who were craving to watch the program. Their interest attached them to their seats that they didn't miss any part of the program. This made me feel more excited and I was getting delighted. Before the formal meet commenced we had a small discussion. Lekshmi, former young scientist raised various questions to us the young scientists. We shared our experience with KAP, the transformation within us and we expressed our gratitude to KAP with our words. At around 9:00am the formal session began. The dais was filling with dignitaries who were welcomed with roses from the young scientists. The dignitaries include; **Dr. Vadivel Murugan**, Dean, Kanyakumari Govt. Medical College, **Er. Karthikesan**, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri, **Mr. Mullanchery M. Velaian**, organizer of KAP, **Dr. T. James Wilson**, Chairman, Sigma College of Architecture, Moododu, **Er. S. Ingersol**, Group Director, ISRO Propulsion Complex Mahendragiri, **Dr. Y. Arul Prakash**, Associate Prof. Govt. Medical College, **Dr. Jayalal**, Associate Prof. Govt. Medical College, **Er. Ramaseshan**, Chief General Manager, (rtd) ISRO Propulsion Complex Mahendragiri and **Dr. Radhakrishian**, Medical Superintendent, Govt. Medical College. Lekshmi and Fathima the former young scientists compeered the session.

After an invocation was sung to goddess Tamil by the young scientists the lamp lighting ceremony took place as a tribute to mother Saraswathi so that the darkness of ignorance would be swept away. Followed by it was the welcome dance and then was the introductory address by Mr. Velaian. He asserted that this would be the best program ever and our heart will be filled with joy. He appreciated the effort that the medical college has taken to organize this program. Dr. Arul Prakash and Dr. Jayalal are the members of KAP and the medical college. It is their presence that is providing us with such great opportunities he mentioned. Their conversation to Dr. Vadivel Murugan has inspired him to organize this meet. Er. Karthikesan is an outstanding scientists and his presence with us is something really great. Dr. James Wilson is a kind hearted person who is very supportive to all the activities of KAP. Er. Ingersol is another great personality who has been working with KAP from the start and his presence has made KAP flourish. Er. Ramaseshan and Dr. Joprakash can be considered as great inspirations and they are very loyal to us. Dr. Radhakrishnan has also offered us several training throughout this year. The MC's, Lekshmi and Fathima are continuing their journey with KAP even after their training and he also wished that we would also be like them.

He cited that the book that we have published is a book of particulars, facts and is of great value. It consists of our research work, summary of our 1 year journey and the highlighting Tamil reports of star programs of KAP. We have already started our association with KAP by helping it select

topics for the next year. He added that this would be our best vacation as it would be only this year that we have used it the most fruitfully. He then halted and then the program continued. Jereshea of Maroon Team then spoke on KAP and students development. The main thing that she emphasized was that KAP taught us to think, innovate and research. It has trained us to face anything to come in future. She received a momentum from the hands of Dr. Vadivel Murugan, Dean, Kanyakumari Govt. Medical College for her outstanding words.

Then the book entitled Sustainable Environment was released by Dr. Vadivel Murugan, Dean, Kanyakumari Govt. Medical College, and it was received by Dr. James Wilson. It was also issued to all the dignitaries on the dais like Er. Karthikesan, Er. S. Ingersol, Dr. Y. Arul Prakash, Dr. Jayalal, Er. Ramaseshan, Dr. Radhakrishian and Dr. Joprakash. Mr. Velaian issued the book to Dr. Vadivel Murugan. Then the book was revived by Dani Rovas of Maroon Team. She stated that the first part is written by the organizer Mr. Mullanchery M. Velaian titled Sustainable Growth. His words clearly describe how to train the young minds to create awareness of our unsustainable condition. Then is the message by eminent professors from IIT, CUTN, doctors and scientists. Then is the work of Jereshea and Mereshiya on the topic Youth the Voice of Future. They have summarized the one year journey with KAP and they have clearly mentioned how it has changed them. "If you are young and talented it is like you have wings". By providing practical knowledge in all the fields the wings are outstretched and KAP is helping the students fly around the world and explore the concealed ones.

The next five chapters are the works of Red Team on Land & Forest, Yellow Team on Water, Maroon Team on Agriculture, Green Team on Energy and the Blue Team on Technology. Chapter VI is the work of Gby Atee entitled 'In pursuit of Sustainability with KAP'. It concisely describes about every program that KAP organized in developing us and its initiatives towards creating a sustainable environment. Chapter VII consist of reports of Management Concept in Thirukkural by Reshma, Arivial Tamil Muzhakam by Dani Rovas, Coastal Environmental Study Tour by myself Gby Atee and the report of Nature camp- Biodiversity Study by Sabrina in our mother tongue Tamil. She concluded by saying that this book is a collection of knowledge and can't be beaten by anything else. Her words provoked all of us to read the book of great details. She was given a prize by Sister Fathima, the principal, St. Josephs School. Sister Fathima was given a momentum by the dignitaries on the dais.

Then Dr. Vadivel Murugan, Dean, Kanyakumari Govt. Medical College, was welcomed to give the inaugural address. He in his talk stated that our country India is developing in all spheres. Most citizens are working with a fire to change the future by developing the youth. KAP is one such organization and it adorns great respect. Many more work on it but most are not recognized. All our technologies are upgrading day by day while the quality of our environment is degrading at an even faster rate. It is scientifically proved that most of the diseases that have become affluent those days are rooted to the unsustainable condition of our environment. Israel being a very small country owes the pride of having many Nobel Prize winners. He wished each and every one of us to come out with flying colours in the future. He was honored with a shawl by Mr. Satish Kumar.

Dr. Radhakrishian, Medical Superintendent, Govt. Medical College felicitated the gathering. He expressed his happiness in standing in front of us the young scientists and cited it to be an august

platform. The topic that we have researched is the need of today. He appreciated KAP for crafting us and transforming us into a fearless person who has no hesitation or fear. Science and Research are considered as our two eyes. Our one year journey has trained us to use both the eyes of us and has added knowledge to us. Dr. APJ Abdul Kalam concentrates on the young minds and interacts with them a lot. The ultimate reason to it is that he has found that the universal power rests in the young minds. Similarly KAP has also realized this and is training us for the future of India. Questioning and searching are the best aspects that a young scientists like us should have and he concluded by saying that we have to develop it. He was honored with a shawl by Mr. Gopalan.

Dr. Jayalal, Associate Prof. Govt. Medical College, stated that there is no one who can match us as we have become potential of doing all great things. A man with vision and devotion is Mr. Velaian. A thought sprang up my mind that if at all there were 100 people like Mr. Velaian in India then our advancement will reach great extent and most likely there would also be a Space Camp organized by KAP. He then narrated a story which touched all our hearts. A sculptor went around in search of a stone to sculpt it and to transform it into a statue that is worshiped. He sorted out two stones and then asked them are you ready to be sculpted into a statue. One of the stone said no as it knew that it have to undergo sever pain. The other accepted to undergo the suffering. Each and every corner of the stone was sculpted and it was made the finest statue. The people started worshiping the stone and they wanted a stone to break coconuts. It is the traditional practice of some to break coconuts for the lord. When the sculptor went again in search of an apt stone for it he found the stone who first hesitated to be sculpted. From then on it underwent throbbing all throughout its life and then it understood the lesson of life. He concluded by saying that our time with KAP was really hard as we had to work really hard on it. And as we have suffered we will really achieve a great benefit for this. As an act of honoring him for his wonderful words Capt. Bennet Singh gifted him with a shawl.

Then the CD entitled Young Scientist Activities was released by Er. Karthikesan, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri and was recieved by Dr. Y. Arul Prakash, Associate Prof. Govt. Medical College. Er. S. Ingersol, Group Director, ISRO Propulsion Complex Mahendragiri presented the CD to Dr. Joprakash and Dr. James Wilson. The entire team leaders also were issued with the CD. The CD was then played and it was recorded by myself Gby Atee and Jereshea. The words made all understand the service that is done by KAP for transforming India into a better one. Myself Gby Atee and Jereshea received prizes from the hands of Fr. Solomon, Correspondent, St. Josephs School. Mrs. Stella, mother of Jereshea was also honored for working hard to record the CD.

Then the awards were issued to all the young scientists. I was feeling nervous but still contented in receiving the prize from the hands of Er. Karthikesan, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri. Along with us were devoted members of our team like our Guide Teacher: Mrs. Krishnakumari, Scientist: Er. Ramaseshan, Resource Person: Mr. Sahajan, Team Coordinator: Mr. Thiruvengadam and our General Consultant: Capt. Bennet Singh.



It was something great to have received awards and taken snaps with selfless and great personalities. After awards were distributed to the members of all teams by Er. Karthikesan, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri, along with their Guide Teacher, Scientist, Resource Person, Team Coordinator, General Consultant, Talent Motivator, Team supporter and Doctor Consultants the session continued with the talks by the guest of honors.

We then tuned our ears to listen to the words of Er. Karthikesan, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri. He asserted that Kanyakumari district has got more educated people who are aware of the present scenario. Since we are aware of it we have to take effort in spreading awareness about the unsustainable condition of ours to the unaware. He then narrated another story about 2 airhostesses. A person who is flying for the first time came. The airhostess got his ticket and took him to his seat. Another man came and another airhostess taught him to find his seat. He asked us whom do you feel is the right person. The ultimate answer to it is the second airhostess. Similarly KAP is training us for everything. Robert the inventor of Steam boat was discouraged saying that the invention won't work. Once it worked they stated that we can start it but can never stop it. He overcame all those words and finally became a successful inventor of the steam boat. This must be a lesson for us as well. We should overcome all the failures and be successful. He ended by saying that KAP has laid a foundation for this. He was appreciated and honored with a shawl by Mr. Edwin Sam.

His talk was followed with another talk by Dr. James Wilson. He stressed on the point that we have been transformed completely. Our transformation can be seen in all our activities. All that a plant needs to grow is a suitable environment, similarly all that people need for bringing out their talent and developing it is a right atmosphere. KAP has provided us with the right atmosphere and has found our hidden talents and has also put it to action. KAP can guide us in all the way but it is we who make use of it. So he requested us to make use of all the opportunities that will still be provided to us and also said us to show our gratefulness to KAP all throughout our life. All that we achieve will have a small support from the training that we got from KAP. He was then honored with a shawl by Mr. Ramesh Raj, father of Raksha.

Er. Ramaseshan, Chief General Manager, (rtd) ISRO Propulsion Complex Mahendragiri, then said that he is very proud to be associated with KAP. One of the very good aspects that we have learned from KAP is the way to request humbly. Each time when he misses a meet of KAP he feels sorry for missing those extraordinary programs. He concluded by saying that we have to be in unremitting relation with KAP. Then we lent our ear to the valuable words of Er. S. Ingersol, Group Director, ISRO Propulsion Complex Mahendragiri. His words inspired all of us to continue our hard work and be successful in life. Then was the cultural programs. He was presented a shawl by Mr. Sathiyanesam, father of Dani for his outstanding words.

Skits, Mime and songs were performed by various teams and they mainly focused on the sustainability of the environment and KAP and its activities. Firstly the members of Red team presented a mime on the conservation of environment. Their mime proved that ***Actions Speaks louder than words***. Their performance was really appreciable and they received gifts as well. Then was the drama by the members of Yellow Team on our Present Education System. The message they conveyed

was that schools should avoid extra classes and parents should avoid sending students to special classes over a limit. They performed really well and they too received a gift. Then it was another Drama by the members of my team, Green Team. We enacted a drama based on avoiding soft drinks and packed food. The message that we wished to convey reached all through an informative and humorous way. We received gifts from the hands of Dr. Joprakash.

Then was a different performance by Maroon Team named Villu Pattu. They used a different instrument and sang a song in a different interesting tone. The song they sang was authored by them and it was completely based on the activities of KAP. They received gifts for their performance. Then the members of Blue Team enacted a drama based on how teachers are now and how they must be. They presented it in a completely comical way that all enjoyed and it was implausible that no one fell off the chairs by giggling and enjoying their drama. They too were gifted. Then the members of Red Team performed a dance in a bright way. It was really great and they were prized again by Mr. Robert Kumar. Then was the dance by my team again in a classy colour of black and white. The theme of the dance was based on the power of Indians and our fearless heart to face any troubles. We were presented with gifts and then was another traditional dance by the members of Yellow Team. It was vibrant and they too received prizes for it.

Mr. Velaian cited the hard working mindset of Mr. Sam Raj. He is retired though very devoted to KAP and all the activities involved. He was honored with a shawl by Dr. Vijayakumar, Past National President, Indian Medical Association. Then certificates were issued in the presence of Dr. Vijayakumar, Past National President, Indian Medical Association. Along with the issue of certificates comments about each and every student was conveyed by Mr. Velaian. He not only commented on us but most imperatively he blessed us and he said our weakness so that we could sharpen us. Then Mr. John Rabi Kumar gave a short address. He mentioned that our long journey has come to a closure. He added that they had a very good time with us. To teach us they had to work harder than they usually did. Though they don't expect anything from us they want us to share our happiness with them. Each time when we were appreciated they were rejoicing more than us he stated. Finally he gave an important piece of advice to all of us that whatever extent we reach we should never fail to respect our parents and teacher.

Mr. Gopalan then gave a short and rouse talk. Training is everything in life. Cauliflower is the cabbage that went to the college. It means that after cabbage was trained it became more nutritious and flavoring and was enjoyed by all. Dr. Vijayakumar, Past National President, Indian Medical Association felicitated us. He through his talk cited that KAP is the best organization that is creating leader for the future of India. He shared an experience with us. First when he asked the Lions Club of Thanjavur members to organize a meet for us they with no life said OK which was not pleasing. Then the program list was sent and calls were made and finally after the presentation of ours, they were so annoyed for hesitating to accept us at the beginning. They were extremely happy to see talented students like us and many took initiative of training students like us. This is what KAP has made all feel. He was so happy to see young scientist and future leaders of India.

To entertain us the Maroon Team members performed a folk dance in a very attractive manner. They received awards and then was another dance by Blue Team members which was traditional and western as well. It was enjoyable and after receiving gifts the culturals halted. The MS's Fathima and Lekshmi also received prizes for their continuous touch with KAP.



Then was the most anticipate part of the program. It was the distribution of Special Award to the young scientists who were very devote to KAP and its activities by Dr. Vijayakumar. Mr. Velaian announced the awards and he cited their interest and effort. Firstly **Mereshea** the Yellow Team Co- Leader, **Reshma** the Maroon Team Leader and **Abina** the Red Team Leader received the **Young Talented Performance Award**. It was for their keen interest and involvement in all the works. Then **Dani Rovas** the Maroon Team Co-Leader received the **Young Efficient Intellectual Award** for her hard work and best researching skill. Finally I **Gby Atee** the leader of Green Team was awarded the **Young Outstanding Performance Award** for my courage and tireless works. This moment made me and all the 5 of us feel the most happiest. That very instance all my sleepless nights and hard work came into lights of my heart and my joy was unexplainable. I was in cloud nine and I felt that I was in a wonderland. After the vote of thanks by Mr. Johnson the meet terminated with the National Anthem. Each beat of the Anthem made me feel proud to be an Indian and to be with KAP. After a while the crowd was meting away. I was in joy in one side but sadness was overweening my joy as I have to leave my friends and KAP which has been everything for me.

This meet had been my expectation for long and I have no words to thank KAP for this. It was KAP that made me win this Young Outstanding Performance Award. It is KAP that trained me to work tirelessly and be courageous. KAP has now made me completely ready to renovate the world. Now I can feel the power in me that was locked by inside me for years together. Now the lock was cracked open and every single talent of me is out, waiting with fire to show my real power. The only word I can speak out now is

***KAP You Have Been Everything for Me and I Wish to Be Under Your Guidance
Forever and Ever. Thank You KAP. Hats Off to You.***

**REPORTED BY,
R.J. RESHMA,
MAROON TEAM LEADER.**

“The scientific man does not aim at an immediate result. He does not expect that his advanced ideas will be readily taken up. His work is like that of the planter - for the future. His duty is to lay the foundation for those who are to come, and point the way.”

-Nikola Tesla

The most awaited day for all the young scientists was held on 23rd May, 2015. Yes, the Award Presentation Ceremony for the Young Scientists 2014-15 was conducted at the Asaripallam

Government Medical College. We assembled in the auditorium of the college sharply at 8:00 am. The auditorium was perfectly set and arranged for the function. The projector and flex were fixed. The audio settings were made clear. The Nila TV recorded the ceremony. Firstly, we had a short tea break. And then we all were seated with roses in our hands for welcoming the guests. Before the beginning of the programme, **A. S. Lekshmi**, the former young scientist raised few questions to us. First question was asked to Gby regarding her leadership quality. She replied that being a leader gives us more talents. Coordinating all the team members and bringing them forward is a great task. She has led all the group members in this one year. S. Dani Rovas was asked a question about the KAP book correction. She and Gby worked for almost three days continuously to correct all the pages in the book. They went through various topics and vocabulary while correcting. Correcting a book is really a great job. Then S.Abina, J.S.Edin Jijo and few other students were asked questions. The questions were related to spot topics and leadership.

A volunteer was invited and I, R.J.Reshma came forward. She asked me a question about the camps. I answered that the camps taught me how to adapt to different environment. We used to travel to school and then back again to home. But staying at different places gives us different experiences. My team members respond to me in a good manner whenever I reach them to collect newspaper documentation during the camps. I thanked my team members and their parents for cooperating with me to such an extent. Then a question was shot up to the principal of N.V.K.S. higher secondary school, Attoor. The question was related to his daughter's performance after joining KAP. He replied that his daughter was first very lazy but after joining KAP, she had to write reports and do various things. So she would spend her time in doing those things and there is a great change in her.

Then the session was compeered by **A.S.Lekshmi** and **Fathima Hashima**, the former young scientists. The chief guests were welcomed with rose flowers to the auditorium. Then the dignitaries were invited to the Dias. Each team handed over the rose to each dignitary. They include; **Shri. Karthikesan**, Outstanding scientist, Director, ISRO Propulsion Complex Mahendragiri, **Dr.S.Vadivel Murugan**, Dean, Kanyakumari Govt. Medical College, **Dr.T.James Wilson**, Chairman, Sigma College of Architecture, Moododu, **Shri.L.Muthu**, Dy.Director ISRO Valiamala Rtd, **Dr.K.Vijaya Kumar**, Past National President, Indian Medical Association, **Er.S.Ingersol**, Group Director, ISRO Propulsion Complex Mahendragiri, **Dr.Y.Arul Prakash**, Associate Prof. Govt. Medical College, **Er.K.Ramaseshan**, Chief General Manager,(rtd) ISRO Propulsion Complex Mahendragiri and **Dr.M.Radhakrishnan**, Medical Superintendent, Govt. Medical College.

The welcoming session was followed by the lamp lighting ceremony. All the dignitaries lighted the lamp as a renowned Tamil tradition. The introductory address was given by the organizer of KAP, **Shri.Mullanchery M.Velaian**. He felt glad that we have successfully completed our one year KAP journey. He specially thanked the Dean of the college for offering space and facilities to conduct the ceremony. He said that he responded in a very good manner when he approached him to get the permission. He welcomed all the dignitaries, KAP faculties, parents and the young scientists. Then he concluded his talk. Dr. Jayalal, Associate Prof. Govt. Medical College joined us later.

A talk on **KAP and students development** was given by J.M.Jereshea from maroon team. Kanyakumari district students are very providential to have KAP. The students were trained how to think, how to be creative and how to be active in all aspects. After undergoing a chain of selection processes, meritorious students were selected and then categorised into five teams namely blue, green, maroon, red and yellow. Various researches were done on different venues in fields like aerospace, medicine, agriculture etc. The biodiversity camp conducted by KAP gave us a golden opportunity to visit wildlife sanctuaries and Kodayar power station. We walked through the garden of medicinal plants and were taught about its medicinal values to. Topics were assigned to each student to know more about the biodiversity in Kanyakumari district. One of the most important camps was the coastal awareness camp from Neerodi to Vattakottai. We had a study over the coastal areas and distributed pamphlets to spread awareness among the coastal people. We had a visit to the ice plant and came to know the procedure of making ice and preserving fish. The visit to Asaripallam medical college granted us a chance to observe the dissection hall, forensic lab and also operation theatre. We saw many surgical instruments used during the surgery and also the shadow less lamps. Human parts were dissected by the medical students and preserved in chemicals. We came to know that this lab would not be shown for any people but we students were really lucky.

A visit to IIST at Valiamala was another spot where we gathered more information about the satellite technology. We had useful interactions with the scientists. Space technology has brought the world into a global village. In our lower grades, we learnt that the Pluto is one of the planets in our Solar System and then we learnt that it is considered as a dwarf planet. The reason of this was made clear to us during the seminar there. Pluto has been regarded as a dwarf planet due to some of its characteristics and cannot be considered as a planet as a new definition has been given to the term 'planet'. The National Science Day was celebrated in the remembrance of C.V.Raman for Raman Effect. Various topics on latest innovations in science and technology were given to us and we did presentations on those topics. A programme conducted by KAP which invited all the students and parents was the Earth Hour Programme. Few young scientist students spoke on topics related to our environment. Newspaper documentation was a very useful work done by us to know about the daily news and current affairs. KAP developed our personality in different ways. We learnt how to write fine reports and say feedback and this is only because of KAP. Sending thanks letters also were done by us to express our sense of gratitude to the people who offered us space and facilities to conduct KAP's various camps and meetings. She conveyed her sincere thanks to KAP and the faculties and then ended her talk.

Then the book entitled Sustainable Environment was released by Dr.S.Vadivel Murugan, Dean, Kanyakumari Govt. Medical College, and was received by Dr. James Wilson. Dani Rovas, the co-leader of maroon team reviewed the KAP book 2014-15 **Sustainable Environment**. A note on sustainable growth has been written by Shri.Velaian, KAP organizer. The messages about KAP and the topic of this year are written by eminent personalities. The next page contains an article named 'Youth, the voice of Future' abstracted by J.M.Jereshea and J.M.Mereshiya. The research materials on land and forest are contained in Chapter I and are done by the red team. Our land provides the primary needs of all organisms. Forests are the green lungs and water factories. They help to mitigate the climate change. They provide us food, fuel and fodder. Chapter II contains details about water prepared by the yellow

team members. Water is a liquid gold and is a renewable resource. Information about global water crisis and innovative technologies to overcome it are listed.

The study report on sustainable agriculture of maroon team is described in Chapter III. Food is one of the basic needs of a man. Agriculture plays an important role to feed the whole population. This chapter contains organic farming method as its heart. The team suggestions which can make agriculture a sustainable one are mentioned. The research work of the green team on the topic energy is the Chapter IV. It begins with a volume of questions like how do you play? How do you walk? And so on. They have specified alternate ways to produce energy. Chapter V contains the study report of blue team under the topic technology. Green technology paves way to the sustainable growth of the nation. All the activities of KAP which has been done in one year are listed in Chapter VI which was compiled by Gby. In the final chapter, reports on various meetings and camps are included. It contains Tamil reports of young scientists. The Management Concept In Thirukkural was written by me, R.J.Reshma. The Arivial Tamil Muzhakkam was written by S.Dani Rovas. Gby wrote the Coastal Awareness Camp Report. The Biodiversity Camp Report was written by M.Sabrina. The last page of the book conveys thanks to the schools, institutions and families who hosted and helped to conduct KAP meets. She then ended her talk.

Her talk was followed by the talk of **Dr.S.Vadivel Murugan**, Dean, Kanyakumari Govt. Medical College. He felt glad in hosting the programme. Normally, the college wouldn't accept to conduct any functions for other people. But since the ceremony conducted was that of KAP, he granted permission, he said. Opportunities were not provided for the children in olden days. But we eighth grade students have got KAP and have got various platforms to express our talents. Although he is a very busy person, he spent his precious time to exchange a few words with us.

Subsequently, **Dr.M.Radhakrishnan**, Medical Superintendent, Govt. Medical College was invited to felicitate the gathering. His talk mainly focussed on the selection process. First we did our poster presentation. Then we had our report presentation and then finally we did the model demonstration. After a chain of selection processes, we 56 gems of KAP have been selected and that day we are going to be crowned as the young scientists. Dr.A.P.J.Abdul Kalam had the habit of visiting various colleges and institutions. Usually great people visit colleges and teach about communication, interpersonal skills and self- discipline. Now the students are losing the physical activities. They are fully engaged in using computers and mobile phones, he added. He warned us to avoid eating junk foods. Health is wealth. Thus, leading a healthy life can make a person successful in his future, he concluded.

Next **Dr. Jayalal**, Associate Prof. Govt. Medical College felicitated the gathering. He appreciated KAP for its wonderful task in moulding the young children. He said that he was excited to see our presentations. Even a final year medical student wouldn't be able to give a presentation like us, he said. He narrated a story. A sculptor was searching for an eligible stones for sculpting a statue of God. He found two able stones. He asked the stones "Are you willing to be sculpted as a statue of God?" One stone thought for a while. He thought that every day he would sculpt him, shape him and drill him until he became a perfect statue. So he refused to become a statue. The other stone accepted

and so the sculptor chose the stone and began shaping it. He shaped it every day and finally it became a statue of God. The statue was placed in the temple and people began worshipping it. Throwing coconuts in temples is a traditional way of worshipping. For this purpose, a stone was required. So the sculptor thought for a while and used the stone which refused to become the statue. Thus, the stone which went through painful moments in his life was worshipped by others and the stone which refused the words of sculptor became a platform where the coconuts were thrown. 'The greatest power in the world is knowledge', he added. KAP students would definitely achieve in future because KAP has moulded them like the stone which became the statue. By saying this, he ended his talk.

The next session was releasing the KAP CD 2014-15. It was released by **Shri.Karthikesan** and received by **Dr.Arul Prakash**. The CD was presented to all the team leaders and we were requested to share the CD with all our team members. After that, the CD was played and we watched it. Service to humanity is service to god. KAP is a voluntary organization with service oriented people who trains children to make India a better one. The CD displayed all the events conducted by Kumari Arivial Peravai. The planning meet was held at Scott Christian Higher Secondary School, Nagercoil. Sustainable Environment was chose as the topic of the year. The inaugural meet was held at MACET. The training programmes were conducted before each selection process. Then we had the poster presentation followed by the report presentation and finally the model demonstration. The first meeting before the selected students was the introductory meet at L.M.S. Boys Higher Secondary School, Marthandam. We were split into five teams namely blue, red, maroon, yellow and green. The scientific awareness camp was conducted at C.S.I. College of Technology, Thovalai. We did our presentations on management concepts in Thirukkural at MACET. We were trained in medicine in Government medical college, Asaripallam. Another camp which promoted clean India was the camp in which we were taken to Thirukkurankudi, Nambikovil, PSN College and finally at an organic farm at Puliyankudi.

Next the coastal environmental study tour was conducted in which we visited the coastal areas from Neerodi to Vattakottai. To highlight the significance of our mother tongue Tamil, Arivial Tamil Muzhakkam was held at Painkulam Government library. We visited IIST, Valiamala and knew more about satellite technology. The technical presentation on scientific innovations was held at the Maria College of Engineering, Attoor. The National Science Day was celebrated at February 28th for honouring Sir C.V.Raman for his Raman Effect. The biodiversity camp began at Excel Central School and then we went to the wildlife sanctuary and Kodayar power station. The research topic presentation programme was organised at N.V.K.S. Hr.Sec. School, Attoor. The parents meet was held at Sigma College of Architecture, Moododu. Followed by it, the Earth Hour programme 2015 was organised in the Rotary Community Centre, Nagercoil. A mock up presentation was held at Annammal College of Nursing, Kuzhithurai. We were grilled with questions here. The KAP book was released by Prof.Dr.Ravindran, Registrar, CUTN. The final presentation of our research topics was done at Central University of Tamil Nadu at Thiruvavur. Next a conference was held and we were honoured by Thanjavur Lions club. Then several team meets were conducted. Thus, KAP has moulded the students and has crowned them as the young scientists after one year training. The CD was recorded by Gby Atee and Jereshea. The mementos were given to them.



Then the cultural programmes began. First the red team members performed a mime related to sustainable environment. The yellow team performed a skit. It described a teacher's situation if he becomes a student. We, the maroon team members performed a villu paatu about KAP and its activities. It was followed by the green team members. They performed a skit. It was then followed by the drama of the blue team members. It describes a story of a strict teacher turning good. We then had a lunch break. After the break, the red team danced for a mixed song. It was followed by the dance of yellow team and green team.

After those performances, each student was given their mementoes. Then the certificates and KAP book were given to the students. Shri.Velaian, KAP organizer called upon each student to the stage and described the works he/ she did and then blessed him/her. First the red team members received the certificates. It was followed by the yellow team, maroon team, green and then blue. The dignitaries were present on the stage. We, the maroon team members performed our dance. After receiving our memento, the blue team members performed their dance.

Shri.P.Gopalan, administrative officer, Excel Group of Schools gave a talk. He mentioned few children from Excel Group of schools who have scored high marks in their board examinations. The proudest thing is that those students are the former young scientists who were trained by KAP. Comparing to other children, extra talents and outstanding performance can be found with the KAP trained students, he said. KAP has dedicated a lot to create scientific thinking in young minds. He wished good luck for our future and concluded the talk.



It was the time for the special awards to be distributed. The **Young Talented Performance Award** was given to **J.M. Mereshiya, R.J. Reshma** and **S. Abina. S. Dani Rovas** received the **Young Efficient and Intellectual Award**. The **Young Outstanding Performance Award** was received by **Gby Atee**. The mementos were also given to the KAP guides and faculties. The vote of thanks was proposed by **Shri. S. Johnson**. He first thanked the medical college for providing chance to conduct the ceremony. Then he thanked KAP and its faculties and also the chief guests. Then the thanks was said to the parents, teachers and finally to the students. The programme got over with national anthem.

KAP journey made me to see many places and to interact with many eminent personalities. The experience from KAP can't be put in words because I've learnt numerous things. Even though KAP journey has been completed, my mind would always think about KAP family and the adventures I had with it. I thank KAP whole heartedly and wish it to continue this journey. The word 'KAP' would never fade away from my mind. I thank Shri. Mullanchery M.Velaian and other KAP faculties for training me to such a great extent.

HATS OF TO KAP!!!!!!!!!!!!!!!!!!!!

REPORTED BY,
S. DANI ROVAS,
MAROON TEAM CO-LEADER

After the hard scrutinizing selection process based on the innovations under the theme Sustainable Environment and the one-year training given by Kumari Arivial Peravai to develop our scientific temper, stimulate thought to sustain our environment and shape our skills and talents through different programs held at various places, the journey of KAP has reached its destination of certifying the students as Young Scientists. It was the most awaited ceremony that we all were avidly waiting for. It was the day we are going to be crowned as Young Scientists. It was the day that all our skills are going to be staged. My excitement knew no bounds, and the day arrived.

The Award Presentation Ceremony was held at Kanyakumari Government Medical College on 23rd of May. The presence of the ceremony in Kanyakumari Government Medical College, Asaripallam is a highlight to the program. Kanyakumari Government Medical College is a very prestigious and reputed medical education institution that offers courses in Bachelor of Medicine, Bachelor of Surgery and diploma in Medical Lab Technology. The ceremony took place in the attendance of doyens in the field of Medical Science, the mentor of our talents and the brain of KAP Mr.Mullanchery M.Velaian, the noble and selfless souls of KAP who have nurtured, taught, trained and motivated us to greater height and the parents who were the backbone of the entire program.

The fiesta began with an invocation to Goddess Tamil. Then the presence of the dignitaries was acknowledged by Miss.Lekshmi and Miss.Fathima Hashima, who compeered the session. The dignitaries on the Dias were: **Dr. S. Vadivel Murugan**, Dean, Kanyakumari Govt. Medical College, **Shri. D. Karthikesan**, Outstanding Scientist, Director, ISRO Propulsion Complex Mahendragiri, **Dr. M. Radhakrishnan**, Medical Superintendent, Govt. Medical College, **Mr. Mullanchery M.Velaian**, Organizer, Kumari Arivial Peravai, **Dr. J.A. Jayalal**, Associate Prof. Govt. Medical College, **Er. K. Ramaseshan**, Chief General Manager (Rtd), ISRO Propulsion Complex Mahendragiri, **Dr. T. James Wilson**, Chairman, Sigma College Of Architecture, Moododu and **Shri. J. Joeprakash**, Headmaster Rtd. The dignitaries are welcomed to the ceremony. Then the kuthuvilakku was lighted as a tribute to Goddess Saraswati, for the darkness of ignorance to be swept away as per the Indian Culture.

To put a start to the grand fete of Award Presentation Ceremony, the Introductory Address was given by the organizer of KAP, Mr. Mullanchery M.Velaian. He gave a brief introduction about the ceremony. He also said that the students have developed their scientific thought, behavior and attitude for safeguarding our environment. He also expressed that it was an amazing opportunity for him to see and witness the young ones who have been trained, nurtured and guided are growing in the right direction. A sense of fulfillment and satisfaction. He once again welcomed the gathering and concluded his address.

Following that was the talk by J.M. Jereshea on KAP & Students Development. She said that all the students were given chance to develop their skills, especially in report writing, public speaking, poster making, creative innovative projects etc. The students get fine exposure to the outside world by

visiting institutions, farms in several places like IIST, Puliankudi, Thiruvarur, Kodayar, Asaripallam, Thovalai and many more. The nation-building endeavor of KAP is quite laudable. She finally concluded saying, **‘If you are young and talented, it is like you have wings’**. By providing practical education to students, KAP stretched out the wings of the students helping them to fly throughout the world with varied skills. Jereshea was awarded with last year’s book.

Next the book under the theme **‘Sustainable Environment’** was released by Dr. S. Vadivel Murugan and received by Dr. T. James Wilson. Copies of the book were given to other dignitaries too. Then I reviewed the book. The theme we have chosen for the year, Sustainable Environment, is the need of the hour and each one of us must take responsibility to sustain our environment for the coming generation. All the information on Sustainable Environment is included in this 414 paged book. This book is not only showing the work of KAP team but also it is the guiding light for all the people for creating a sustainable environment by reorganizing the land and forests, reappraising sustainable agriculture, using science to develop new technologies, using energy efficiently and conserving water resource. Then I concluded by requesting all to read the book. I was awarded with last year’s book by the principal of St. Joseph Metric School.

Then Dr. S. Vadivel Murugan gave the Inaugural Address. He was glad to have all eminent personalities in the college. He appreciated KAP for their noble and dignified venture to uplift the students of Kanyakumari District. The theme Sustainable Environment is the need of the hour. We have advanced in technology but we are equally destroying the environment. At present there are many incurable diseases caused due to high temperature and lack of cleanliness. Therefore, it is an urgent need to protect our environment through sustainable development and sustainable concepts. KAP is enabling the students to enhance their scientific thought and letting them do research under environment and their sustainability. In India, there are more thoughts but lack of encouragement. Another major thing lacking is research skill. However, KAP is enhancing them. He said that he is feeling a better India in the hands of the Young Scientists. With this, he terminated his talk. Mr. Sathish Kumar honored Dr. S. Vadivel Murugan with shall. Mr. Velaian honored Mr. Sathish Kumar with the book published by the young scientists 2014 – 2015.

Then Dr. Radhakrishnan addressed the gathering. He expressed that it was a great pleasure for him to stand before this intellectual congregation. The young scientists have excelled in many extracurricular activities. All the young scientists were guided throughout the year by several guides, team coordinators, team supporters, talent motivators, scientists, resource persons and general and doctor consultants. They have developed all their skills. Science and Research are the two eyes of the nation. If a nation wants to be developed, then it should focus on Science and Research. Children of today are the leaders of tomorrow. Keeping his in mind, KAP has given all sorts of trainings to the children and concentrated on the younger generation as per the wish of Dr. A.P.J. Abdul Kalam. He also said one should develop their inter-personal skills and communication skill. One should also lead a disciplined life with self-control.

Today’s generation is losing their physical fitness especially due to stress and depression. They are getting addicted to television and computers. This way they are losing their health. They are

also not maintaining their relationships with their families. If we want to remain healthy, we should first stop the consumption of Junk food. Nowadays we are only focusing on our studies and marks. Nevertheless, it is true that only if we remain healthy we can learn peacefully. Therefore, knowledge is equal to health. Shri. P. Gopalan honored Dr. Radhakrishnan with shall.

Then Dr. J.A. Jayalal felicitated the gathering. He said that KAP is giving an excellent opportunity to all the students to develop their talents. . He appreciated Mr. Velaian who is a man with vision and mission. He said that all the students have a drastic change within themselves. We should accept struggle for the betterment. He said a story for this. Once a sculptor was searching a stone, to sculpt it into a God. He searched, searched, and finally saw two stones. He asked the first stone, 'Would you permit me to sculpt you into a God?' It thought for a while. If I agree then the sculptor would come daily and engrave me. I will have to face so much of pain. So, he said 'no' to the sculptor. The sculptor then asked the second stone. It agreed to accept pain. The sculptor came each day to the stone and engraved it. After so many years, he finally finished sculpting the stone into a God. He then placed it in a temple. Millions of people worshipped the stone in the form of God. Then the sculptor was asked for a stone to place aside the sculpt of the statue for throwing coconuts. The stone that refused to accept pain was placed for it. It had to go through struggle life long. Similarly, we too should accept pain for success. The greatest power in the world is knowledge. The success formula: dedication out of own interest + hard work out of own interest = SUCCESS. Capt. Bennet Singh honored Dr. Jayalal with shall.

Next Shri D. Karthikesan released the KAP activity CD. It was issued to the team leaders too. The CD was shown to the audiences too. Jereshea and Gby prepared the CD. They were awarded for their work with the book of last year. Shri D. Karthikesan distributed awards and medals to the Young Scientists. Shri. D. Karthikesan gave the Presidential Address. He said that the Young Scientists programme is a boon to the students of Kanyakumari District. Mr. Velaian and his men of vision are doing a silent revolution in Kanyakumari District. Let their service continue for many more years he said. He finally congratulated Kumari Arivial Peravai team for igniting the young minds and shaping them up for the betterment of the society. Next Dr. James Wilson addressed the ceremony. He said that improvement is there nowadays and that is being realized. KAP provides opportunity to rural children for their improvement. In addition, we must improve our personality. There is no end to learning and so we must learn more by asking doubts. The short time crash course given by KAP has ended and saying thus, he concluded his talk.

Then Er. K. Ramaseshan gave a short but motivational talk. He expressed that he was amazed to see the young buds emerging into flowers spreading out their fragrance. He congratulated KAP for their service- oriented mind. Then Er. Ingersol too gave a talk. His talk was very inspirational and stimulating. Then Mr. Velaian honored Mr. Samraj with shall. Shri. John Rabi Kumar then gave a talk. He said that the respect for our teachers and parents should last for long. We should show them their respect whenever we see them too. Shri. P. Gopalan conveyed the message that we should always have a positive attitude and should improve our skills though various ways. Moreover, Kumari Arivial Peravai has given the basement for it.

Dr. Vijayakumar stated that the Young Scientists are always putting forward their name wherever they go with their talents. They always create a positive impression about them not only in Kanyakumari District but also in various institutions in far off places like Thanjavur, IIST and so on. He also said that the mission of KAP is successful this time too as he could see and feel the all round development in general knowledge and in the field of research in Science form all students. Thus, he finished his talk.

Then we had our cultural. All the teams did their cultural with full of gusto. Everyone present was amazed by it. We then had our certificate distribution. This time Mr. Velaian gave a short feedback about each and every Young Scientists. Then we again had our cultural. Then was the distribution of Special Award. Mereshiya, Reshma and Abina were awarded with Young Talent Award. I was awarded with Young Efficient and Intellectual Award. My happiness knew bounds when I was awarded with it. Gby was awarded with Young Outstanding Performance Award.



Finally Shri. S. Johnson gave the Vote of Thanks. The ceremony ended with National Anthem. Next, we took photos with the organizer of KAP Mr. Velaian and dismissed from the Auditorium.

The one-year training given by KAP brought radical changes within me by letting me excel in public speaking, come out of stage fear and so on. Without KAP I would have not even understood the real me. It is all because of KAP that has sculpted me into a new being filled with confidence. No doubt, KAP is my sculptor. My heartfelt thanks to KAP.

