



KUMARI ARIVAL PERAVAI

YOUNG SCIENTIST PROGRAMME 2015 – 2016

CONSUME WITH CARE

On

November 1, 2015

At

*LMS Boys Higher Secondary School
Marthandam*

Introductory Meet

REPORTS

**Vishnu Shankar .J.R
Red Team**

The first meeting for the 56 selected students for the Young Scientist Programme 2015 – 2016, KAP was conducted in the large and greenish campus of LMS Boys Higher Secondary School, Marthandam. The meeting started sharply at 1:55 pm in the afternoon. The students reached around 1:30 pm. Miss. Lekshmi, the Former young scientist of KAP welcomed us. She said about the day's programme – Theme talks by the members of KAP. She conveyed that she was happy to see the selected students for the young scientist programme 2015 – 2016. She assured that she along with other members of KAP will help the students to develop in all aspects. Later she invited the former young scientist Miss. Gby to give the introductory speech.

First of all Miss. Gby congratulated all the students who have been selected to become a part of Kumari Arival Peravai. She promised us that she will help in developing our hidden talents. "KAP is your guide. It will help you in developing a very good attitude and also in having a good coordination and communication skill. Use the opportunities that we get. An opportunity lost is lost forever. Be full of energy and ready to accept any challenge. Report writing will help us to developing our writing skill. Never postpone any work. Be punctual and prompt. The best quality of a leader is to be on time. Never demotivate our self. Think always that we can succeed in any work that we do" – she gave a wonderful speech.

Mr. John Rabikumar (ISRO) conveyed his best wishes to all the selected students. He then gave one of the most valuable speech. He advised us to utilize the opportunities given by KAP. He also insisted us to work harder and never have any complex to others. "Do every work on time. Work extra to get more. Report writing can even affect our attitude. Note hints from a person's speech. Listen, observe, understand and then write. Correct the reports by our own and then with the help of the elders. Reports must have sufficient quality and quantity. Write the reports with a very good handwriting without any mistakes. Try to use standard vocabulary with a good sentence structure. Read a lot to gain beautiful sentence. Try to insert quotations of the speaker. Following these will help in presenting a very good report of the best quality" – he counseled us.

C. Sajeev_ made us aware of the benefits of documentation which will improve our writing skill. "Writing makes us develop more. In this present world children are using only 30% of the brain power. This denotes that they are not benefitted from their life. Jot down a lot of points when a person speaks. Write little, gain more – this is how a document must be written" – he expressed his opinion. Later he halted his speech by saying a joke, which helped us in understanding more about the meaning of documentation.

One of the important topic that was covered on that day was Scientific Approach by Mr. Edwin Sam (Environmental Scientist). "When we hear the word scientist, we realize the importance of science. Science is the way of thinking for finding a good result. It is a tool or way to gain knowledge. "Past supplies the key to the future". Knowledge, skill, attitude are the three parts of humans. During the early periods, the people saw, listened, observed, generalized and came to a conclusion based on the traditional beliefs and superstitions. Later during renaissance period, scientific approach to a problem was born. People started to ask questions to gain a lot of knowledge. Reasoning, logical approach and observation played a key role in their life. In this present world too some scientific discoveries depend on traditional way and from the knowledge we gained from experience. Today, people try to find a conclusion to the problem even before observation. This demonstrates the weakening of the society. Search, Search, Research and try to find an effective solution to the problems" – he directed us with his tongue.

Mr. P. Gopalan (Administrative Officer – Excel Group of Schools)_ in his address gave a remarkable speech on importance of English. He described four main points during his lecture.

- a. Understanding skill
- b. Reading skill
- c. Writing skill
- d. Speaking skill

“English is a global language. It plays a great role in every man’s life. Try to use very good languages and expressions while writing. Speaking is another important factor. Read a lot to develop a very good language. Reading newspaper helps us to come across a lot of different words. Never have a pessimistic mentality. Think in a positive manner. If you have the mentality to learn, English could be studied within a matter of days”.

“Ambition without effort is like a bird without wings”. Develop simple and plain English language” – he put his words into our minds. Before coming to a conclusion, he gave a small pattern in the use of English in the reports.

Next we had Miss. Jereshiya, the former young scientist on the dais to give a brief explanation on the activities of a leader. According to her,

“Leadership is an action or an example”. She explained some important points about a leader’s responsibility.

- i. A leader must be kind hearted towards his team members.
- ii. He/She must be a role model to others.
- iii. He/She must be active and try to use their opportunities.
- iv. He/She must have a proper communication with others.
- v. He must inform the important piece of information to his co – members and also to the general consultants.
- vi. Show more involvement.
- vii. Treat all the people equally
- viii. Check the emails daily.

“A leader is the person who is ready to accept any challenge without excuses” – her valuable words stroked our hearts.

Following Jereshiya, Miss. Mereshiya (Former Young Scientist) came forward to talk on Punctuality.

Punctuality can reveal a person’s true character. Time management is the most important part of punctuality. She explained the meaning of a Tamil proverb which helped us to understand about the value of time. “If we aren’t following a proper time management it can cause tension and affect our health. KAP follows time management strictly. Evaluate our self and find the areas where we are lacking behind. We must set our own marks for punctuality, hard work, skill etc” – she mentioned. Before finishing, she raised an interesting question which indicated the value of time.

The last person who talked on the programme was Mr. Velaian(Organizer of KAP). He emphasized the need for good communication skill and instructed us to develop the same. He also advised us to improve the way we present our views. Sir discussed about the next meeting which will be conducted on November 7, at VPRO technologies, Marthandam. He also mentioned the work for the next meeting, in which every student has to read newspaper and make a document with newspaper cuttings. He also instructed us to write a 1 page report on Water resources – an overview.

Later the students were instructed to take a picture for ID card. Then the members of KAP, explained about the dress code for the young scientist programme. Team meeting was then arranged for all the team members.

The members of the team A introduced themselves.

- i. Miss. Mereshiya – Team Supporter
- ii. Mr. John Rabi Kumar – General Consultant
- iii. Mrs. Babitha – Team Coordinator.

Mr. John Rabi Kumar sir gave us some useful advice. He encouraged us to communicate more. He guided us in writing our report. He suggested a brief pattern for writing a short introduction on Water resources – an overview and for making the document. He also instructed us to keep a separate notebook for general knowledge.

Then, a general meeting was announced. Mr. Velaian introduced a new personality Mr. Joe Prakash to us. He too was a part of KAP. He handed over a beautiful bag to all the students of KAP. After singing the national anthem, the meeting came to a wonderful end at 4:30 pm.

The entire programme was informative and gave a understanding that the coming days will be a challenging one where we have to excel in all our activities and do hard work to achieve more.

Jasim Farvin Fize Mohamed
Yellow team

After the third level of screening process / model demonstration on Consume With Care, the selected Young Scientist members were asked to report at LMS Boys Hr .Sec. School Marthandam for the introductory team meet on 1st of November 2015. Being this wonderful day, we remember during 1956 in India, Kanyakumari district joined to Tamil Nadu state from Kerala.

As instructed I reached the school campus at 13:30 hrs. Being a rainy day I was happy to see all my team mates present. Exactly sharp at 14:00 hrs, the programme started with Tamil Thai Vazhthu and the session was anchored by Ms. Lekshmi (Former Young Scientist) followed by Ms. Gby Atee (Former Yong Scientist) who gave an introductory address to submit the reports as early as possible without any delay and the importance of being punctual at KAP, as time is more precious in our life to be better our self.

After her speech, Shri. John Rabi Kumar (IPRC/ISRO Mahendragiri) was on the dais welcoming the selected members of Young Scientists with a charm that how to write a report professionally without any repeated words focus on vocabulary with grammatically framed sentences and advised, we shall use dictionary / quotes for our reference will upgrade our report. This was very informative for me that was noted.

Subsequently comes Prof.Sajeev (Associate Professor, PSN College) and his talk was on Documentation , explaining that, History is very important for mankind to know the past, the research of humans done on various fields was kept documented for the coming generations to refer / study and knowledge with a proof as the importance of documentation is very much required.

Next, Shri. Edwin Sam (Social Scientist)with his gained experience delivered a speech to focus on scientific needs and importance of Scientific Approach. Which has difference in normal thinking of human? As we all understand, shall build a scientific approach in each of us. It's true that the Science is a way of thinking. 'Past and present supplies The Key To The Future'. Knowledge, skill, attitude is the necessary things for a man to build a Scientific attitude. If we observe, generalize and classify we shall achieve our goal. The point, even though old beliefs were full of superstitions and traditions their experience is really informative. If we understand the foundation of a fact and think in a different angle it is very easy to develop scientific approach within us.

Followed by Shri. Gopalan (Administrator , Excel Group of Schools)was expressing an effective way of writing and speaking is also important to develop the skill of effective writing, we will be able to make our language fluent. He explained that Ambition without efforts is like a bird without wings. If we practice more writing skills, it will be easy to develop effective writing.

The duties of the leader was explained by Miss. Merishiya (Former Young Scientist) as of how a leadership qualities are to be maintained with good heart and clear communication between the team mates and the involvement in his duty is furthermore important with time management maintained.

As we all eagerly waiting for our KAP organizer Shri. M. Velaian to address his speeches which normally use to be the first dose of tonic for all of young scientist. He briefed on the next

meeting on 7th of November 2015, which will be held at Vpro Tech Marthandam and also to carry paper cuttings along with introduction subject prepared about Water Resources – an overview. To collect family details of group members. Then the photo shoot was held for the ID Cards and the measurement was taken for uniforms. Finally Bags printed on it saying to less use of plastics were distributed to the entire young Scientist.

As we all asked to Dream high by Dr .A .P .J .Abdul Kalam .We are looking forward that the Dreams will come true one-day as we are under the Safe Hands of Kumari Arivial Peravai and the Guidance shall make it possible.

Today we also got a clear view on how to write a quality report, documentation, being punctual, develop effective way of writing and speaking. I am sure that this meeting was very informative and I shall follow it in my future. THANK YOU.

Derisha,J.R,
Team Leader,
Maroon Team

I was happy that my name was among the list of students who were selected for the young scientists programme for the year 2015-2016. Since then, I was eagerly waiting for the first meeting of the selected students. At last it was convened at L.M.S. Boys' HSS, Martandam on 1-10-2015. The school is located at the heart of the growing town and so it is very convenient for the to and fro journey.

The meeting commenced at 2 pm. Selvi Lekshmi, the former young scientist, congratulated us for having got through the preliminary tests successfully. She advised us to follow the instructions and guidelines given time to time by Thiru Velaian, Organizer, KAP, the resource persons and the guide teachers. Selvi Gby Atee, another former young scientist, gave the welcome speech. She told us to interact with other young scientists and develop good relationships with them. She suggested us to send letters to the Headmaster of the school expressing our gratitude for permitting us to conduct the Introductory Meet in his school. This good habit of sending thanks letters should continue throughout the year.

Next Thiru John Rabikumar from ISRO, Propulsion Complex, Mahendra Giri, talked about report writing. He warned us not to be overconfident on our success in the selection process, for many us got selected with a narrow margin. He impressed us with the importance of doing all the assignments, especially report writing, with care and sincerity. He insisted that we should all develop the habit of reading newspapers and books. He requested us to take notes of

the speeches of the resource persons regularly without missing any point and write the reports meaningfully, bringing in all the points. He gave the equivalents of the word 'said' – stated, told, advised, suggested etc- and exhorted us not to overwork words (ie. not to use the same words often, as far as possible). He recommended us to read the revised edition of the grammar book written by Wren and Martin and also to refer to a good dictionary, preferably, The Advanced Learner's English Dictionary of Current English (Oxford). Such an effort will help us a lot in avoiding grammatical and spelling errors.

Then Dr. Sajiv, the Associate Professor of PSN college, was called upon to speak on the topic 'Documentation'. According to him many of our nation's great achievements were lost because our forefathers showed very little interest in documenting them; in young scientists programme we should record and document each and every event, especially our findings.

Followed by him came Thiru Edwin Sam, the social scientist. He gave an informative talk on scientific approach. He insisted that we should not accept anything blindly; we should ask questions like, 'When? Where? How?', and find the answers. Reasoning and logical thinking are given predominant importance in science. If anything is not proved, it will not be considered scientific. As young scientists, we should submit all our findings with evidence.

After him, Thiru P. Gopalan, AO., Excel Group of Schools, Thiruvattar, came to speak about 'Effective Writing in English'. He posed the question, 'When can we say that we know or learned a particular language'? We can say so only if we have the four skills – understanding, reading, writing and speaking. All the four skills are interconnected. The first requisite is the interest and determination to learn a language. Learning a language is no cake walk. One has to hear, read and talk the language continuously. The more we read newspapers, story books, journals and subject books, the more will be our knowledge in that language. This way our knowledge is enriched. But in order to write or speak effectively this is not enough. Constant practice alone will enable us to write or speak well. As for writing, one need not go for hard or high sounding words. In fact, simple, plain English is enough. The sentences need not be long. Short meaningful sentences, free from spelling and grammatical errors, will suffice. He directed us to use idioms and phrases only if we know the correct meaning. He cited an example of a boy who wrote, 'The hand that rocked the cradle kicked the bucket'. He said the idiom 'kicked the bucket' should be used to refer to the death of bad people; it should not be used for someone respectable or close ones.

Next came Jereshya, the former young scientist, to tell us the duties of leaders of each team. She said every team leader should have the address of the team members. They should communicate with them often. Details such as the date, venue, conveyance and the boarding point should be informed to them correctly in advance. There is no restriction for the team leaders to talk to the resource persons, even though they hold high positions.

The next turn went to the former young scientist J.M. Mereshiya. She stressed the importance of punctuality. KAP used to start the programme sharply on time. No one waits for any VIP. At the stroke of the bell, Thiru Velain would give the call to start the meeting. She advised the new batch of students to stick to the time schedule.

Thereafter, the team meet was held at various classrooms. The team coordinators conducted the meeting. There, the team members acquainted themselves with each other. In the mean, time a photo session (mainly for ID proof) was held. The measurements of the uniform were also taken by the tailors.

The students were asked to gather once again in the meeting hall. Thiru Velaian informed us that the next meeting would be held at Vipro Technologies at Martandam on 7-11-2015 (Saturday) in the afternoon. He gave us an assignment. We were asked to bring newspaper cuttings of all the seven days. Each one of us has to give a talk about the news items in the meeting.

The meeting was in many ways useful to me. It was an occasion to meet my team-mates. We gained many important information and facts from the coordinators. It has inspired us to keep punctuality in my day-to-day life. I have learned to be positive in my outlook. I am grateful to Thiru Velain, the Organizer and all the coordinators for giving me this rare opportunity.

Thank you.

KEGISHA MOL J (LEADER)
BLUE TEAM

The KAP started its first meeting for the selected students of young scientists programme of this year on 1-11-2015 at LMS HSS, Martandam at 1.30 pm. Out of 250 students only 56 students were selected for this young scientist program. Fortunately, I was also selected for this program. I owe thanks to Thiru.Velaian for selecting me as the team leader of the Blue Team which consists of 11 members.

At the outset Lekshmi, former young scientist, welcomed all the guests and the gathering. She congratulated us on being selected for this year's programme.

Gby, former young, came forward to talk about the various programmes conducted after the selection. She explained briefly about report writing and she pointed out present important points in the report and she also advised everyone to write the report immediately after the program. She encouraged all of us that one can achieve anything if one is determined. No one should think negative oneself; this is the secrets of success.

Next session was handled by Sir John Rabi kumar. He wish all the selected students. Then he explained about the program report presentation.He said selected

students are lucky to continue this program and every student in the program should observe the lecture of the chief guests and make sure the student should note down the important points.

He also explained about some important things one should follow while one is writing the report. It should be free from grammatical mistakes. The same word should not be repeated again and again in the report. The report should have some meaning and it should be easily understood by the reader, if we find any new words we should learn the meaning very well.

Then Lekshmi, former young scientist invited Sajive sir and handed over the session to him. He explained briefly about documentation. He put forward the question, what is history? Then he explained us history is nothing but today's incident and tomorrow's history.

. He also explained what is documentation. if we write any meaningful word which makes a meaningful sentence is called documentation then he handed over to Edwin sir. He explained about scientific approach, science is not only studying about animals, birds etc.. It is the only way to improve our knowledge. Every human being should have attitude and skills. In olden days our ancestors observed and analyzed the problem very deeply and find the solution to that problem, if they fail to find the solution to that problem according to their myth, dreams and experiences they find the solution. Thus the session ended

Next Gopalan sir chose an amazing topic to explain to the young scientists. The topic was Effective writing skill; he explained that the students should have four important skills: they are understanding, reading, Writing and Speaking. Among all writing skill is very important; the writing should be effective once we are good in reading skill. He advised that we should read newspapers daily and also we should repeatedly read our subject books. Thus one can improve one's reading skill; once we improve our reading skill it is easy to communicate with others.

Next Jerrishea, former young scientist, explained about leader's activities. This topic is very useful for me because I am also the leader of the blue team. The leader should have four important qualities. The leader should be a kind-hearted person, the leader should treat the group members without any partiality, the leader should divide the topic to the group members according to their abilities, experiences, next point is very important we

should inform our team members about the venue, date and time of the meeting ,once you informed ,we should report to Velaian sir.

Next Mereshiya, former young scientist explained about punctuality ,she said that punctuality defines a the least Lekshmi, former young scientist invited Velaian sir .He inform about next meeting. Next we all gathered in our group, In group Gopalan sir and Bala Krishnan sir distributed the sub topics to everyone; after that we all assembled in the meeting hall, there they distributed bags to each young scientist.

I really want to thank Thiru Velaian, who gave these wonderful opportunities to me. and also I want to thank KAP members, they only guided all the students and edhe 56 students. This helps to improve our knowledge, and also it is useful for all the students including me.