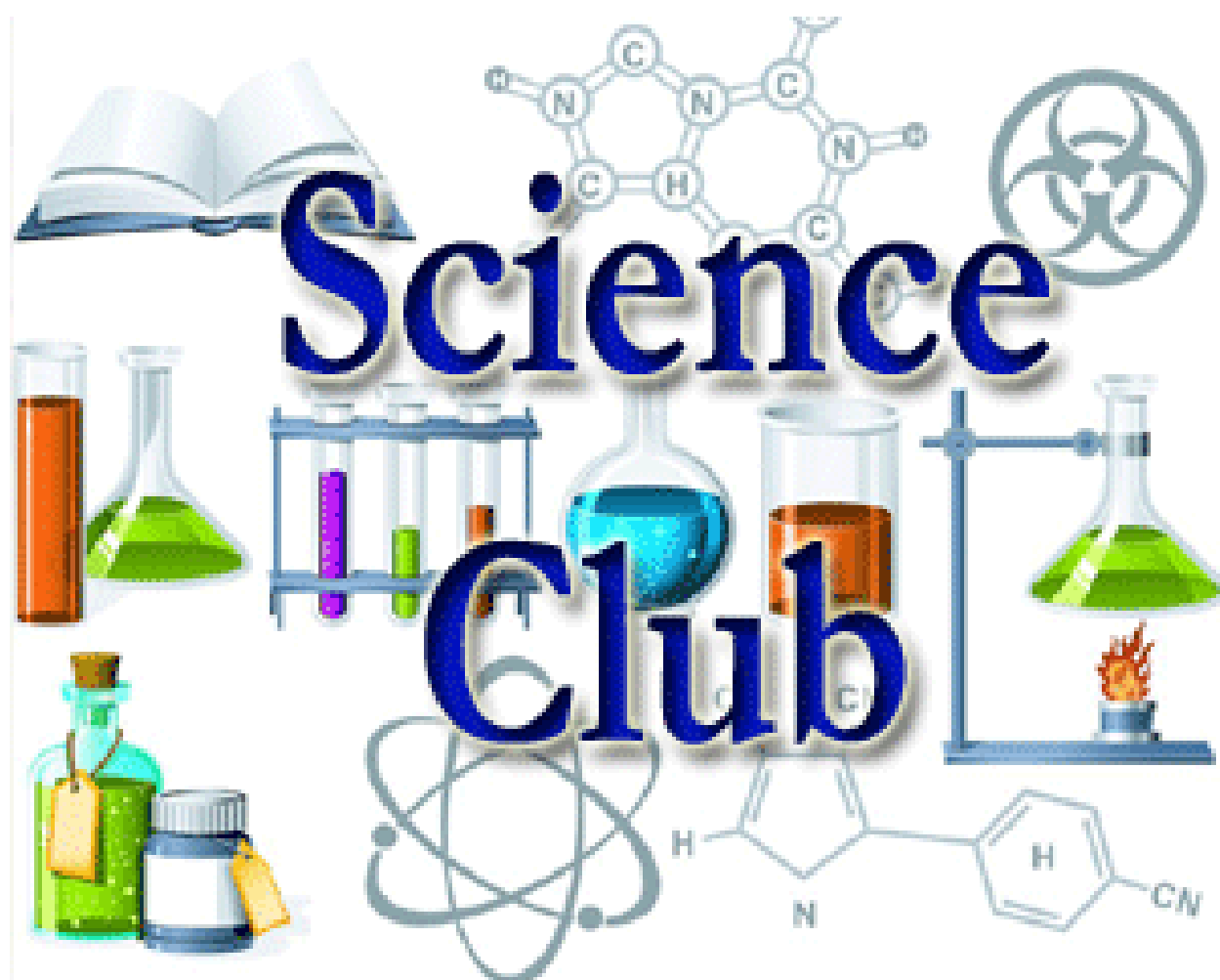




**T. K. MADHAVA MEMORIAL COLLEGE,
NANGIARKULANGARA**



Annual activity report 2019-2020



T. K. MADHAVA MEMORIAL COLLEGE, NANGIARKULANGARA

SCIENCE Club 2018-2019

1. List of members:

| Sl. No. | Name | Department | Role |
|---------|---------------------|------------------|--------------------|
| 1. | Smitha T.R. | Chemistry | Coordinator |
| 2. | Dr.M.Preeth | Statistics | Member |
| 3. | Dr.S.Sheela | Zoology | Member |
| 4. | Smt.S.Renjini | Mathematics | Member |
| 5. | Dr.T. Sreeja | Chemistry | Member |
| 6. | Sri.Saneeshkumar N. | Chemistry | Member |
| 7. | Dr.R.Ratheesh. | Physics | Member |

Objectives:

- To promote inquisitiveness among the students and inculcate scientific temper among them.
- To trigger interest among the students in Science.
- To encourage, motivate and equip the students in applications of Science and its interface with society.
- Promotes and organizes science related activities to develop scientific attitude and aptitude in students.

Action Plan

- ✓ Conduct Seminar, presentations to inculcate students' knowledge in the field of science
- ✓ Encourage students to participate in the activities organized by the Science Club.
- ✓ Help students to promote discussion on the recent invention in the field of science.
- ✓ Extension of programs for the beneficial of school students.

List of Activities

National Science Day - 2019 observation

1. **Invited Talk** on “Communicating Science for all”.
2. **Invited Talk** on “Advancement in Communication of Science and Technology”
3. **Inter Collegiate power point presentation** competition on the topic “Challenges in Science Communication”
4. **Pencil Drawing Competition** for high school students on the topic “Science and Environment”.
5. **Inter Department essay writing competition** on the topic “Importance of Science Communication”

Activity report:

In connection with [National Science Day - 2019](#) observation, the Science Club & the Department of Chemistry, T.K.M.M.College, Nangiarkulangara, had taken an active effort for communicating Science for all and celebrated the National Science Day-2019 - ‘**Communicating Science for Living Knowledge (CSLK 2019)**, a 2-day programme at the College Seminar Hall on 27th and 28th February 2019 sponsored by Kerala State Council

for Science, Technology and Environment , Thiruvananthapuram (KSCSTE) and supported by Department of Science & Technology, Govt. of India. Programme schedule is attached.

Day 1 - 27 Feb 2019

Session Name : National Science Day Inauguration

Venue : College Seminar Hall

Time : 10.00am

The programme commenced at 10.00 am with the inaugural session, presided over by Dr. Sherly P. Anand, Principal, T. K. M. M. College, Nangiarkulangara. After prayer by Chemistry Choir, Dr. M. S. Latha, Head, Department of Chemistry extended a warm welcome to all the participants and distinguished guests. In her welcome address she briefed the gathering about the objectives of celebrating National Science Day. In her presidential address, Dr. Sherly P. Anand briefly discussed how the contributions of Science and Technology made our life much easier. She also praised the efforts of faculty members for taking up various projects. The event was inaugurated by lighting of the ceremonial lamp by the Chief Guest Dr.G.Jayadevan, Treasurer, Sree Narayana Trusts, Kollam. In his inaugural address he had spoken on the emphasis of science and technology for our present generation and motivated our students for better research. He also recommended students to remain curious and become good observers of natural and scientific phenomenon. In the Keynote address, a motivational and inspirational talk was delivered by Dr.R Ravindran, UGC Emeritus Professor and Rtd.Principal, S.N.College, Varkala in the topic “Communicating Science for all”. He gave a precise idea about the importance of Science and the focal theme “Communicating science for all”. He also discussed with various examples, the revolution of daily life by the contributions of Science and Technology. The inauguration was felicitated by Sri. Asoka Panicker, Convenor, RDC, T. K. M. M. College, Nangiarkulangara, Smt.P.Indira, Head, Department of English and Dr. Arun S.Prasad, Assistant Professor, Department of Physics. Smt. Smitha T. R.,



Inaugural Function



Keynote Address by Dr.R.Ravindran

Session Name : Invited Talk

Venue : College Seminar Hall

Time : 2.00pm

The second Session was opened after lunch at 2.00pm for an invited talk by Dr.Kuruvilla Joseph, Senior Professor and Dean, Indian Institute of Space Science and Technology, on the topic “**Advancement in Communication of Science and Technology**”. In his speech he gave a brief description about IISST which was really interesting to students. He explained the advancement in Science and technology and its application in various fields. He also explained how a creative thinking and observation can lead to win a scientific outlook. By his words and interaction he promoted the students to a large extend to achieve their goal.



Invited Talk by Dr.Kuruvilla Joseph

Day 2 - 28 Feb 2019

Session Name : Power Point Presentations.
Venue : College Seminar Hall
Time : 10.00am

In the second day we organized various events in association with the National Science Day celebrations which includes an Inter Collegiate power point competition. The topic was “Challenges in Science Communication” which was based on the focal theme for the National Science Day 2019 “Communicating Science for all”. A total of nine participants which comprises both graduate and postgraduate students from several colleges participated in the competition. The competition was judged by Dr. S.Sheela, Assistant Professor, Department of Zoology, Dr.Siji Narendran N.K., Assistant Professor, Department of Physics and Dr. V.Sreeja, Assistant Professor, Department of Chemistry. The power point presentations revealed the communication skill and deep knowledge of the students in the focal theme which we really emphasized on. In the presentation Ms.Chetana Sara Chacko, St.Joseph’s College for women, Alappuzha, won the first prize, Ms.Gayathri S., T.K.M.M., College, won the second prize and Mr.Goutham A., T.K.M.M.College, won the third prize. Judges gave their valuable suggestions about the topic and presentation of all the participants. The event concluded with the distribution of cash prizes and certificates to the winners and participants. Dr. M. S. Latha, Head, Department of Chemistry, proposed vote of thanks and wished success to the all participants.



Session Name : Pencil Drawing Competition

Venue : College Zoology Lab

Time : 2.00pm

Second session of the second day was started at 2.00pm with **Pencil Drawing Competition** for high school students. The topic was “**Science and Environment**”. The competition was organized to extend our science activities to the public and to generate creative thinking in young science scholars. A total of seven students from various schools were participated in the competition. Sri.Abhilash S. Guest faculty, Department of Malayalam and Silpa S., Guest faculty, Department of Zoology were the judges of the competition. The art of students were really amazing. In the competition Aparna Devi S., S.N.T.H.S.School, Pallipad, won the first prize, Sajal Sanjay, S.N.Trusts Cental School, Nangiarkulangara, won the second prize and Jayalakshmi B., S.N.T.H.S.School, Pallipad, won the third prize. All the winners are awarded by mementos and certificates and the participants by participation certificates. The session was concluded with the valuable suggestions from the judges and vote of thanks by Sri.Saneeshkumar N., Convener, CSLK-2019.

Session Name : Essay Writing Competition

Venue : College Zoology Lab

Time : 3.00pm

In connection with CSLK-2019 programme, we organized an Inter Department essay writing competition on the topic “**Importance of Science Communication**” A total of 20 students from various departments were participated in the competition. Smt.P.Indira, Associate Professor, Department of English and Sri.Vishnu Chandran, Assistant Professor, Department of English were the judges of the competition. The competition revealed the wide knowledge of students in science and science communication and the judges commented that was really appreciable. Ms.Gayathri Shaji, S2 Chemistry won the first prize, Mr.Bovas Mathew, S2 Chemistry, won the Second prize and Mr.K.P.Ananthu, S2 Chemistry, won the third prize. All the winners are awarded mementos and certificates.

The National Science Day Celebrations- 2019 at T.K.M.M.College, Nangiarkulangara gave an opportunity for the participants to get the importance of National

Science Day observation. The various lectures organized were really related to the focal theme and gave an idea what it meant. We are really proud to get an opportunity to organize such an important programme and we would like to thank KSCSTE, Thiruvananthapuram, for the financial support of the conduct of the event. All the members of the Science Club and the Department of Chemistry, T.K.M.M.College, Nangiarkulangara wish to express our sincere gratitude to all the invitees for their presence and active interactions with the students and all the students for their participation in various events. We would like to extend our thanks to the Principal and all the departments of T. K. M. M. College, Nangiarkulangara for the support extend to us for the successful completion of the event.

SCIENCE CLUB STUDENT MEMBERS 2018-2019

| SI No | Candidate code | Name | Class |
|--------------|-----------------------|------------------------|------------------|
| 1 | 23017143016 | Aiswarya Gopu | S3 BSc Physics |
| 2 | 23017143019 | Anjana S | S3 BSc Physics |
| 3 | 23017143022 | Aswin M | S3 BSc Physics |
| 4 | 23017143025 | Hemanth V | S3 BSc Physics |
| 5 | 23017143029 | S. Akash | S3 BSc Physics |
| 6 | 23017143030 | Sreemol M | S3 BSc Physics |
| 7 | 23517143004 | ARSHA S LAL | S3 BSc Chemistry |
| 8 | 23517143006 | ATHIRA GOPAN | S3 BSc Chemistry |
| 9 | 23517143010 | DEVU JOSHI | S3 BSc Chemistry |
| 10 | 23517143011 | GOUTHAM A | S3 BSc Chemistry |
| 11 | 23517143012 | JINCY BABU | S3 BSc Chemistry |
| 12 | 23517143019 | AMAL S UDAYAN | S3 BSc Chemistry |
| 13 | 23517143023 | ARCHANA CHANDRAN | S3 BSc Chemistry |
| 14 | 23517143027 | FARSANA N | S3 BSc Chemistry |
| 15 | 23517143029 | LULU SHAJI | S3 BSc Chemistry |
| 16 | 23517143030 | MEGHA MADHUSOODANAN | S3 BSc Chemistry |
| 17 | 23517143032 | NAVAMI K M | S3 BSc Chemistry |
| 18 | 23517143039 | SRUTHI S | S3 BSc Chemistry |
| 19 | 23517143040 | SRUTHY S | S3 BSc Chemistry |
| 20 | 23517143041 | VARSHA B | S3 BSc Chemistry |

| | | | |
|----|-------------|--------------------|---|
| 21 | 24117143002 | Adithya R | S3 BSc Chemistry and Industrial Chemistry |
| 22 | 24117143003 | Adithya D | S3 BSc Chemistry and Industrial Chemistry |
| 23 | 24117143004 | Anaswara R | S3 BSc Chemistry and Industrial Chemistry |
| 24 | 24117143006 | Dhanya | S3 BSc Chemistry and Industrial Chemistry |
| 25 | 24117143010 | Lekshmi S | S3 BSc Chemistry and Industrial Chemistry |
| 26 | 24117143017 | Devika U | S3 BSc Chemistry and Industrial Chemistry |
| 27 | 24117143027 | Surya O | S3 BSc Chemistry and Industrial Chemistry |
| 28 | 25017143001 | Amrutha M.V | S3 BSc Zoology |
| 29 | 25017143002 | Anjana Sathyan | S3 BSc Zoology |
| 30 | 25017143003 | Ansila Dileep | S3 BSc Zoology |
| 31 | 25017143005 | Arya Rhampi K | S3 BSc Zoology |
| 32 | 25017143009 | Limi | S3 BSc Zoology |
| 33 | 25017143010 | Praveena Krishnan | S3 BSc Zoology |
| 34 | 25017143015 | Sruthy S | S3 BSc Zoology |
| 35 | 25017143017 | Vishnupriya R | S3 BSc Zoology |
| 36 | 25017143019 | Adithya A | S3 BSc Zoology |
| 37 | 23518143003 | Anjali G Raj | S1 BSc Chemistry |
| 38 | 23518143005 | Aparna S | S1 BSc Chemistry |
| 39 | 23518143006 | AparnaV | S1 BSc Chemistry |
| 40 | 23518143007 | Aswathy O | S1 BSc Chemistry |
| 41 | 23518143008 | Athira Gopal | S1 BSc Chemistry |
| 42 | 23518143009 | Athulya Krishnan | S1 BSc Chemistry |
| 43 | 23518143010 | Bovas Maathew | S1 BSc Chemistry |
| 44 | 23518143011 | Divya Gopakumar | S1 BSc Chemistry |
| 45 | 23518143020 | Vidhyamol R | S1 BSc Chemistry |
| 46 | 23518143021 | Abhishek Vijayan | S1 BSc Chemistry |
| 47 | 23518143023 | Aiswaryaraj T | S1 BSc Chemistry |
| 48 | 23518143025 | Akshaya A | S1 BSc Chemistry |
| 49 | 23518143026 | Anusree S | S1 BSc Chemistry |
| 50 | 23518143028 | Aravind M | S1 BSc Chemistry |
| 51 | 23518143034 | K.P.Ananthu | S1 BSc Chemistry |
| 52 | 23518143037 | Reshmi Ramesh | S1 BSc Chemistry |
| 53 | 23518143038 | Rohini S Pillai | S1 BSc Chemistry |
| 54 | 23518143039 | Anuja Chandran | S1 BSc Chemistry |
| 55 | 23518143040 | Sabireen S Hussain | S1 BSc Chemistry |
| 56 | 23518143041 | Sheethal R | S1 BSc Chemistry |
| 57 | 23518143045 | Sreelekshmi G S | S1 BSc Chemistry |
| 58 | 23518143046 | Sreelekshmi S | S1 BSc Chemistry |

