

CORDOVA SENIOR SECONDARY SCHOOL

Ambalathara, Poonthura P.O, TVM

ANNUAL REPORT 2019-2020

Honourable Minister for Tourism, Co-operation and Devaswom Sri. Kadakampally Surendran Sir, Most respected Deputy Speaker for Kerala Legislative Assembly Sri V. Sasi Sir, Most respected veteran Political Leader and former Union Minister Sri. O. Rajagopal sir, our Chairman Sri. Mansoor J. Sir, our General Secretary Sri. M. Abdul Gafoor Sir, all other dignitaries on and off the dais, invited special Guests, Parents, Teaching and Non-Teaching Staff, beloved children our Alumni and all our well wishers.

A Warm Good Evening to you all.

It is a matter of great pleasure and proud privilege for me to present before you the Annual Report of our school for the Academic Year 2019-2020.

The year 2019 commenced on a wonderful note when the results of our Board Examination came out...

We could produce 100% results in classes X and XII Board examination held in March 2019. ...52% of students (15/29) in Std X, secured distinction and 38%

(11/29) secured first class. Muhammed.S, in Std. X was the school topper securing 93%. Sumayya. S got 92% and Afia Ayoob. S got 90%.

Afia Ayoob. S, the student of Std. X also received CBSE Board Certificate of Merit in Social Science for scoring 100 out of 100 in the Board Examination 2019.

In class XII also, we achieved 100% result with 50% distinction and 50% first class. Jasmin. T was the school topper with 88%. Howla Fathima got 83%.

The school re-opened on June 6th, Thursday for classes I to XII; UKG & Pre-KG reopened on 10th June 2019 and LKG classes started on 12th June 2019

Examinations

- First periodic test was from 15th July to 20th July, 2019. Second periodic test was from 29th August to 5th Sep, 2019. Half yearly examination was conducted from 27th September to 14th October, 2019
- Third Periodic test for classes I to VIII was conducted from 2nd December, 2019 to 7th December, 2019. PT-3 for Std. XI started on 30th December, 2019 and completed on 9th January, 2020. First model examination for Std. X and XII started from 1st January, 2020 and 30th December, 2019 respectively. The second model examinations will be from 27th January to 10th February, 2020.

Assembly

The morning sets the day and the assembly paves the way for our students to rejuvenate their spirits, remain rooted to the moral values and unleash their vitality. The well planned assembly conducted class wise, house wise and club wise clarifies school activities and programmes, focusing on important days. Every child is given the opportunity and the platform to display his/her talent and present themselves as individuals. Guided by their mentors, the assembly includes short skit, presentations, slogan display, poetry recitation, speech, songs, mime, tableau, rendition, storytelling, individual experiences etc based on different themes like honesty, courtesy, patriotism, empathy, discipline, truthfulness, afforestation, self-reliance, conservation of resources etc. Every week, assemblies are conducted alternatively in three languages Monday-English, Wednesday-Malayalam, Friday - Hindi.

Programmes

- Reading week celebration was conducted on June 19th. Mr. Alex
 Vallikkunnam, Director cum Writer was the Chief Guest. Literary club
 organised Book review competition, newspaper reading competitions,
 versification, quiz, poster display were held. Posters were displayed. Ben
 Raj of Grade XII contributed his own published book "Soul Dance" to our
 school library.
- On 21st June, International Yoga Day and World Music Day was celebrated with colourful programmes in the special assembly. Mr. Usman Thayyill,

- Captain, Best Player, Santosh Trophy 2004 and Mr. Ubaid Shaik, Chennai FC Coach Manager were the guests.
- On 26th June, 2019 to draw attention on harmful effects of tobacco use as
 well as its complications to others, science club organised anti-narcotic
 awareness campaign. Various programmes like skit, tableau, speech, oath
 taking etc were held.
- The Investiture Ceremony of the School for the academic session 2019-2020
 was held in the special assembly on 1st July, 2019. The event was presided
 over by the Academic Council Chairman, KECT, Dr. K. Abdul Samad, the
 Manager, Mr. M. Abdul Kalam and the school Principal. The School Leaders
 were conferred with badges and sashes by the Chief Guest.
- Head Boy: Ben Raj Biju Raj Sherly, Std. XII; Head Girl: Ramzeena. R, Std.
 XIIA1
- Asst. Head Boy: Shinahudheen.H, Std. XII, Asst. Head Girl: Noora Sulfath A.H,
 Std. XII
- Sports Captain: Afsal Basheer, Std. X; Asst. Sports Captain: Sunusha, Std. XI
- On July 8th, our school witnessed a cheerful function of the Club Activation day in the special assembly. Shri. Prakash. P. Gopinath, 'Bicycle Mayor of Thiruvananthapuram' was the Chief Guest. Ms. Ranjini Prakash and Mr. Gopi Krishnan also addressed the assembly.

- International Arabic Day was celebrated in the Assembly on 18th December.
 Arabic department and Literary club conducted Speech, Quran recitation, group song etc in the assembly.
- Pi Approximation Day was observed on July 22 by Maths club with different activities like quiz, speech. Suhail. S of IIIA2, the fourth rank winner in All India Maths Science Talent Exam was also honoured by Maths Club on this day.
- Special assembly was conducted on 16th Sep, by Heritage Club regarding
 World Ozone Day. The Heritage club members gave an awareness of
 the ozone layer, its depletion and its hazards. A quiz programme was also
 conducted on this occasion.
- The 73rd Independence Day was celebrated on 15th August, with various vibrant programmes instilling patriotic feelings in the school campus.
- On Sep 5, 2019 Teacher's Day was celebrated by commemorating the birth anniversary of India's former President and veteran teacher Dr. Sarvepalli Radhakrishnan. The Senior Secondary students honoured the teachers for their dedication and love in the special assembly organised by class XI and XII students. They have also turned mentors for the day. P.T.A. executive members contributed their token of appreciation to teachers.

- On 1st November, 2019, Kerala Piravi was celebrated. Malayalam department and Literary club conducted colourful activities.
- On 6th Sep, Onam celebration was held with traditional fervour. Cultural programmes by Kiddies Province and fun session was held. September 7 to September 15 were Onam holidays.
- Christmas celebration was held on 20th December followed by valedictory function of Darshan 2019.
- Kids Fest 2019, cultural programme competitions for classes I to IV was organised on 16th August 2019 in two different stages in the top floor and multipurpose hall.
- Kids Fest for Std. I to IV on 16th August and Youth Festival, TAAL 2019 for classes V to XII, was held on 21st and 22nd August, 2019
- As part of Constitution Day commemoration, preamble was read in English by Kavya . M of Grade X and in Hindi by Rahna Rasheed. S on 26th November.
- The school exhibition **Darshan 2019** was held on 8th November at the school premises. The exhibition was inaugurated by the Guinness World Record Holder, Magician Haris Thaha who was the chief guest. Mr. T. Neelakantan, former Principal of Madhavakavi Smaraka Govt. College was also the guest of Honour. Students of K.G. to Senior Secondary classes presented their exhibits art works, working models, still models, antiques, philately which were assessed by a panel of 11 judges from other schools.

- We express our sincere gratitude to the parents of P.T.A. Executive Committee who sponsored 232 prizes for the students.
- Dept. of Hindi and literary club celebrated Hindi day on January 10^{th.}
- Service club conducted awareness about road safety in the assembly on 1st
 January.
- We also conduct Hifl classes (Quran studies and memorisation) after school hours in our masjid.
- SAKSHAM(Samrakshan Kshamata Mahotsav) is an annual flagship event of Petroleum Conservation Research Association(PCRA), under the Ministry of Petroleum, Govt. of India, aiming the fuel conservation and Health & Environment protection. To sensitize students about conservation of Petroleum and how to practice it in our daily lives an online quiz competition for students of classes VIII to X was conducted by the Ministry of Petroleum. Science club organised Essay writing competitions, Quiz club conducted quiz, Arts club conducted pencil drawing and painting competitions were held on 2nd and 3rd of August, 2019.
- Recognising the vital role of the schools in spreading the awareness about
 Swaachhata Mission, the school observed Swachhata Pakhwada and
 Swachhata Hi Seva Campagin from September 1 to September 20. The main
 purpose of this programme was to create awareness among the students

regarding Cleanliness and its benefits. Swachhata Shapath Day, Swachhta Awareness day, Hand Wash Day, Swachhta School Exhibition, Letter Writing, Poster making, Versification etc. were conducted by literary club, health club, arts club and eco club. The students enthusiastically participated in various cleaning activities like classroom and campus cleaning, plastic free campus etc. The programme was started with the 'Swachhata Shapath' led by the school head boy, Ben Raj. Hand wash demonstration was done by Health Club on September 18. Pledge on Water conservation was led by Mohammed Yazin of Grade VI. Eco club members undertook shramadan by collecting plastic waste from school campus. Displayed the logo of Swachhata Hi Seva along with messages against Single Use Plastic in and around campus premises to generate awareness.

- Maths Club conducted **Aryabhatta Ganit Challenge** competitions on 25th
 November.
- Rashtriya Ekta Diwas was celebrated on 31st Oct, 2019 in commemoration of the birth anniversary of Sardar Vallabhai Patel. Oath taking ceremony was organised for the students as part of Rashtriya Ekta Diwas.
- Vigilance Awareness Week was observed from 28th Oct to Nov 2nd, 2019.
 Staff and students took the pledge to promote transparency, accountability and integrity in public life.

- Various programmes were conducted to enrich the physical as well as mental fitness of students such as warm up exercises, yoga for all, activities on fitness for students and staff, sports quiz for all students, drawing competition, essay writing, slogan writing etc.
- As an initiative to **environmental protection campaign**, Cycling club was inaugurated by the Bicycle Mayor of Trivandrum Mr. Prakash P Gopinath on 25th Sep. Chairman of KECT Mr. Mansoor. J handed over a bicycle to the Best volunteer, Mohammed Salman. S, grade XA1. The cycling club members held a rally in the school campus. Mr. Saju. S was selected as the Staff Co-ordinator of our school and Master Amalnas of Grade IX was selected as the student co-ordinator of the Bicycle Brigade Project, on 3rd January in the function held in Thycaud Model Boys Higher Secondary school organised by Thiruvananthapuram Municipal Corporation in association with Indus Cycling Embassy.

On Environmental Day, saplings were distributed to all students to preserve ecosystem

week of December. Schools have been intimated about the need for educating students on water conservation. Various competitions were conducted category wise: Primary (III to V): Paragraph and Painting competitions; Middle (VI to VIII) – Essay/Poem/Painting; Secondary (IX and X) –Story

writing/Painting/Poem; Senior secondary (XI and XII) – Article/Painting/Poem. The selected artricles were uploaded on the Expression Series App. Best entries will be considered for the next level.

- In order to mark the **150**th **Birth Anniversary of Mahatma Gandhi,** we conducted a week long programme from 23rd Sep to 2nd Oct. House wise quiz competition by quiz club, drawing and poster competition by arts club were held. Heritage club shared the life experience of Gandhiji titled 'Gandhi Katha Kadan' in the assembly along with Bhajan, speech etc. Our exhibition, Darshan 2019 was also an offering to the Father of the Nation displaying model of Gandhiji and Sabarmathi Ashram, teachings of Gandhiji, and display of books on Gandhiji in our library
- **Kargil Divas** was commemorated on 29th July with a variety of Programmes like Kargil song, video presentation were conducted. Competitions like Essay writing, and Drawing related to Kargil were also held.

Hiroshima day was observed on August 6

Subject enrichment initiatives

House Display Board Competition was introduced. Every house is given a notice board and based on the given topic the board will be filled with creative works of respective house members. The winning team gets a rolling trophy. Various topics given during the last seven months were the monsoon, the architectural wonders

of India, India's achievement in sports, India-the land of festivals, India as an emerging super power, Gandhiji's Vision, Mission and Life and Healthy Life Style.

Club Notice Boards were provided for each club. Members of 10 clubs update their respective club notice boards regularly.

On the Language display board, new words with meanings in three languages are displayed.

To inculcate reading habits, different newspapers like Indian Express, Times of India, Light lines etc. are circulated among the students. Chandrika newspaper distribution was sponsored by Mr. Asharaf. Madyamam Daily annual subscription Inauguration was held on 13th August, 2019 The Daily was sponsored by the Vice Chairman of K.E.C.T Mr. M.A. Hilal for our students.

Achievements

- Ochira Musaliyar Memorial: MES Award for the Best School for Secondary

 Examination 2018-'19 was awarded to Cordova Public School on 21st August in the function held in MES Auditorium. The award was given by Sri. Kadannappally

 Ramachandran, Minister for Ports, Museums, Arhaeology and Archives.
- On Oct 25th and 26th Bharat Sahodaya Arts Fest was held at Paradise Public
 School, Varkala. 32 students participated in various items and won about 30 prizes.
- On 30th Oct, Literary Fest was conducted by Barat Sahodaya at Oxford School,
 Kallattumukku. 60 students from our school participated and secured many prizes in various literary items.

- Our six students participated in Sahodaya Kids Fest held in Orchid International School, Paravoor, Kollam on 30th November, 2019 and won different prizes.

 Sameeha Shajeer of class IIA2 won first prize in elocution, Sana Fathima N.S won second prize in English Story Telling, third prize in Malayalam storytelling, third prize in English elocution and third prize in English Recitation. Aishath Shifa Abdulla Kareem of class IIA2 won second prize in folk dance.
- A.R Aravind of Grade X and Mohammed Afzal. N of Grade VIII received the best school team award certificate in the SAKSHAM National Competition 2019.
- Suhail of grade IV secured 4th rank in All India Maths Talent Examination.
- On July 29th, 24 students participated in an essay writing competition conducted by Sri Sathya Sai Seva Organisation, Kerala for secondary and senior secondary school students. Mohammed Afsal Basheer in Class X secured first in the Secondary Section and Amina Asharaf in class XII secured first in the Senior Secondary Section.
- Drawing competition on the topic 'An evening at the park' was conducted by Times of India on 28th Oct. Adithyan M.S of class VIII secured first prize, Shereef.S won the second prize and Afnan Ansari won the third prize.

Achievements in Sports

• Ahamed Rashid Fazal of Grade IA1 started skating at the age of three. Under 8 age group, he was the first skater to achieve three gold medals in the state level

skating championship. He also secured first in 500mts and 1 km All Kerala TSL Open Speed Roller skating championship held at Central Stadium; he also participated in nationals at Visakapattanam on Dec, 2019. He was also ranked 10 in Roller Skating Tournament held at New Delhi.

- In the 63rd District Athletics Championship 2019 held in Kerala University Stadium from16th to 18th August, 2019. Five students participated. Sunusha U. S in class XII got second position in 100m race. She was also selected for state level competition in 100m race and high jump held at Kottayam on Oct 4th 2019.
- CBSE Bharat Sahodaya Sports Meet was conducted on 7th December at LNCPE, Kariavattom. 16 students participated. The students achieved 3 gold medals, 4 silver medals and 9 bronze medals. Sunusha U.S, XII (Under 19), Hasna. S (under 10) and Mohammed Firdous (under 14) were selected as 'Kayika Pratibha' in their respective categories.
- Noora Khan. F, Grade IVA2, Abdulla R, Grade VIA1 and Adithyan. R, Grade VIA2 secured Interschool Karate Championship certificates organised by Sports Karate Association of Kerala
- Abdulla Ibnu Shafeek and Umar Ibnu Shafeek secured third prize in Karate
 Championship conducted by Kerala State Sports Council and Kerala Olympic
 Association, Thiruvananthapuram under Winners Club.

Our football team participated in the Chin Elevens competition held at Central stadium on 20th September, 2019 and Gladiator 2019 held at the Oxford School, TVM on 21st September, 2019. The jerseys were sponsored by Ratna Mahal Jewellery.

External competitions

- On July 10th, two students Noora Sulfath (Std. XII) and Aafiya. S (Std. XII)
 participated in the Carmel Inter School Quiz Contest.
- Ten students participated in the T.I.M.E Aqua Regia The Science Quiz for classes VIII to X on 7th August, 2019 at Women's Centre, YMCA compound.
- Space Quiz Chandrayan 2: In order to increase awareness about the space
 programme, an online quiz competition was conducted by ISRO. Four students of Grade
 VIII attended the competition and received participation certificates.
- Master Shereef of grade VA1 got second prize in a drawing competition held at local library in Kovalam.
- The students of grade V to X visited Milma Dairy on on 27th Nov and two students Aravind A.R of Sd. X and Adithyan M.S of Std. VIII participated in the Milma quiz competition.
- On 26th Nov, 2019 nine students participated in Engineering Perspective Quiz
 Grand Finale and five students participated in Robotechz Grand Finale at ACE College of
 Engineering, Thiruvananthapuram.

SPORTS Meet

Annual Sports Meet for Grade I to IV and V to XII were conducted on 14th and
 16th of November respectively.

Excursions

- Students of classes XI and XII had a rollicking time at Kodaikanal as part of school excursion from 27th Nov to 30th Nov.
- Students of classes VIII and IX went to Munnar and Wagamon as a part of the Annual Tour Programme from 6th December to 9th December.
- Excursion trips for other classes will be undertaken in the last part of January and first part of February.

Dental Check up & Counselling

- Health Club organised Dental Campaign on 30th Oct, in the school in association with P.M.S Dental Research College, Vattappara, Trivandrum.
- Special Counselling session by psychologist Dr. (Prof)Basheerkutty for students of classes IX to XII was conducted on 19th December, 2019.
- 'Pareeksha Pe Charcha' discussion was done for students who are appearing for Board examination on 9th January, 2020

Open House & Parents Meet

Parents Meet for Std.I was on 24th June, Std. II on 25th June, Std. III on 26th June, Std. IV on 27th June, Std. V on 28th June, Std. VI on 2nd July, Std. VIIand VIII on July 6th, Std.

IX and X on July 4th, Std. XI and XII on July 3rd. Open house was organized for grade I to XII on 28th Oct

Teachers Training programme

- Ms. Athira S Vijayan, Dept. of English attended the two days CBSE Capacity
 Building Programme on Experiential Learning held on 02-08-2019 and 03-08-2019 Loyola School, Sreekariyam. The resource persons were Dr. George
 Kolanchery, Principal of Crescent Public School, Sreekariyam.
- Ms. Sheeba B.N, Dept. of Science participated in the two-days CBSE Capacity
 Building Programme for Science, Class X on 26th and 27th August, 2019 in
 Navajeevan Bethany Vidyalaya, Nalanchira.
- On 28th and 29th August, 2019 Ms. Athira S Vijayan attended the CBSE Capacity
 Building Programme on English, Class X in Kairali Vidhya Bhavan,
 Nedumangadu.
- Ms. Mumthaz Beegom, Dept. of Mathematics attended the two days CBSE Capacity
 Building Programme on Mathematics, Class X on 30-08-2019 and 31-08-2019 in
 Dr. G.R Public School, Neyyatinkara.
- Ms. Shahana H.N and Ms. Vrindha P.S participated in the Capacity Building Programme for Science Class X on 22nd and 23rd November in MGM Model School, Ayiroor, Varkala.
- Teachers Anju V.S and Chithra Krishnan participated in the CBSE Capacity
 Building Programme for Python Language on 9th July, 2019.

- Capacity Building Programme on Remodelled Structure of Assessment was held at Navajeevan Bethany, Nalanchira. Ms. Shahana H.N, Ms. Sheeba B.N, Ms.
 Sindhu S.S participated in the programme
- Mr. Nowfal and Mr. Saju. S participated in Capacity Building Programme on Health and Physical Education held in Chinmaya Vidyalaya on 23rd November.
- Ten teachers attended the National level Symposium on Scientific Teaching
 Methods on 28th August, 2019 in the Muslim Association College of Engineering,
 Venjaramoodu. It was organised by Muslim Association.
- On 22nd June, four teachers Ms. Sajeena, Ms. Aysha Shahana, Ms. Shanima. A and Ms.
 Neethu V.P attended the teacher training Programme at Viswadarshini Public
 School, Uriyacode.
- KG teachers-Prasanna.C, Sameena Mol.M, Suji.B attended the KG Teachers Training
 Programme at Oxford School on 22nd June.
- Teachers Vrindha P.S, Chandini. A and Vasanthi. K attended an awareness programme based on the topic 'Rights of Persons with Disabilities' at Kerala Science and Technology Museum Conference Hall on 3rd July, 2019.
- On 13th of July, 2019 **our school hosted Bharath Sahodaya Teacher** (T.G.T/P.G.T) **Training Programme** based **on the topic 'Classroom Management and Dealing with the children'**. Dr. V. Sunil Raj, a well known Clinical Psychologist, an expert memory trainer and Senior faculty and resource person in National Mental Health Programme, was the trainer of the orientation class. About 54 teachers from various schools participated in the orientation programme.

- On 22nd July, National Educational Policy authorities called various stakeholders associated with the Board for a discussion regarding reforming educational policies. Principals, teachers, parents, students were invited. Representing our school, Vice Principal, teacher Athira S Vijayan, school head boy and head girl attended the meeting.
- P.E.T. Nowfal attended 'Khelo India' Fitness Programme conducted by Sports

 Authority of India on August 3rd in Christ Nagar School, Thiruvallam.
- On 21st Sep, Principal, Vice Principal and 20 teachers attended a workshop on English Fest 2019-20 at Oxford School, Kallattumukku hosted by CBSE Bharath Sahoday Complex. The master trainers were Mr. Unnikrishnan. K, President, Confederation of Kerala Sahodaya Complexes, and Mr. Abdul Nazar, President, Malappuram Sahodaya.
- Mr. Muhsin Naseer , Ms. Aneesha. N, Ms. Naaziya. M attended the workshop on Modern trends on effective teaching and experiential learning conducted on 30th November, 2019 at A.R.R. School, Nettayam, organised by Muslim Association Education Trust, Thiruvananthapuram.

Hubs of learning

Hubs of learning is one of the CBSE initiatives to ensure the enhancement of quality of education and promote self-improvement of the schools. The Lead collaborators and the collaborators work together to create a culture of support and healthy interdependence across different areas of teaching and learning. Viswabharathy Public School, Neyyatinkara is the lead collaborator school of our hub. Other schools

joined are S.V. Memorial Public School, Neyyatinkara, St. Mary's Residential Central Scool, Poojappura, Alan Feldman Public School, Kazhakuttom, A.R.R Public School, Nettayam.

The meeting held on 20th September, 2019 in the collaborator school helped us to discuss about various topics such as pedagogical plan preparation, Art integration and experiential learning etc.

K.G.

In K. G section, sports day was conducted on 14th and 15th October. The tiny tots visited 3 field trips to Poonthura post office, Vizhinjam acquarium and Kuthiramalika palace. Healthy week was celebrated as Exercise day, Fruits day, vegetables day, pulses day and water day from 23rd October to 29th October. Kids talent day was on November 14th. A medical check up was arranged on 30th October. K. G section also actively participated in the school exhibition. Four monthly assessments and two open house meets were conducted

Service

An amount of Rs. 6240 was contributed to Kerala State Council for Child Welfare
 Fund, in the Shishu Khshema Samithi Office, Thycaud.

Awards

Recognition of student's efforts is more highly valued than money. Honours are bestowed as recognition of outstanding academic achievement and as a means of

encouragement. The best Academic Performance Award and the Best Achiever Award are meant for this.

The Good Attitude award recognizes outstanding individuals who have worked hard to live a life of good character and serve as role models for others.

The Best Talent Award honours leaders in arts, sports and other activities. The Perfect Attendance Award is being given to honour students who have neither missed any days nor been late to class.

P.T.A

We are all aware that the P.T.A. is a vital link between the parents and the school. I am very happy to mention that we have a very dynamic P.T.A. Executive Committee, the members of which are enthusiastically get involved in the activities initiated by the school for the well being of the students and the progress of the school. The role played by the parent members of P.T.A. Executive Committee during our School Exhibition DARSHAN-2019 is praise worthy.

Library

Our library has a good collection of wide variety of books. We could add a few more books to our existing collection. This academic year, we purchased 305 new books. Our students, staff and well wishers contributed a total of 81 books. A new section for health and physical education, self-helping and counselling was also created in the

library as per CBSE instruction. We do motivate students as well as staff to make use of

library and inculcate the habit of reading. Book review and stories in different

languages are being presented in the assembly

Infrastructure improvement

In the Computer Lab, a new projector was provided.

An auditorium with indoor game facilities is the proposed project.

Obituary

In this occasion, we remember Vignesh of Class X who passed away to the Heavenly

Abode on 17th December, 2019.

Conclusion

Before concluding my report, I wish to place on record my sincere gratitude for all

encouragement and support extended to me by the Management. I sincerely thank all

members of K.E.C.T, teaching and non-teaching staff, our respected parents, P.T.A.

Executive members , our student leaders and volunteers for the co-operation and

support given to me as a team in the running of the school.

Let me conclude. Thank You, Thank you all !!!

P.S. VIJAYA KUMAR

17th January, 2020

(PRINCIPAL)

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