

## SRI PRAKASH NEWSLETTER



day - cum - residential school

### **Prakashites**

S.Surya Neha & P.Tejaswini's Project 'Swachhata Hi Seva Suction Mission' Selected for the

### **National Level**

at CBSE Regional **Science Exhibition** 



Our Inspiration - Our Guide sri Ch.V.K. Narasimha Rao

#### **NOVEMBER 2018 - JANUARY 2019**

have impelled academic requirements initiating and propelling methods to augment various skills like logical thinking, application, creative thinking, oratorical and Mathematical. Apart from strengthening academic knowledge we also stipulate aesthetic skills and physical fitness. Dramatics, cinema in class room, declamation, book reading contests, Rubik's cube challenge, spell bee, interactive sessions with world renowned scientists, Mathematicians and artists, are conducted to ensure that children not only have a happy schooling but also are equipped to face the challenges of the oncoming world. We believe in, 'Great men were

someday' 'Prakashites' achievements at various art, sports, science, literary based and Quiz competitions are the reflections to their smart work and better environment", V.T. Likitha, Std.IX - cash prize. At the outset I firstly extend my humble

children one day and children can be great men

Nurturing holistic individual is what we are looking amongst 100 finalists at National Level in PCRA Customs Quiz - In co-ordination with HPCL -D.Sai K.V.Subbarao, Retd. Professor IIT Mumbai, Sri CH. at and while inculcating the same at Sri Prakash painting competition on the theme "Save fuel for Harsh(IX) and G.Aswanth,IX -1st Place -15,000



Daniya Kulsum.

Class V

3 STUDENTS OF SRIPRAKASH WERE AMONG THE TOP 20 FINALISTS



My Desk, My Inspiration





Beach - My Heart Beat

winning the Doodle 4 Google contest at the Anaga in Andhra" out of 25,000 entries. M. Sudheer, Dr. Sultan Ahmed Ismail, Director Eco - Science needed workshop for the conservation of these rep-

the zeal to face the oncoming competitive world with Consolation prize at National Level PCRA Essay regards to Dr. Sudhakar C. Agarkar Retd. Professor happiness and cheer. I extend my earnest happiness Writing Competition in English. B. Mohit Raj. Std. Homi Bhabha Centre for Science Education, TIFR. and joy in congratulating Daniya Kulsum, Std V for VII: His story got published in the book titled "Anaga Ms. Maarit Irene Rossi, Global Teacher Prize winner, shop. Save the snakes Campaign is possibly a much

Satyanarayana, Dr. Mahender Kota, Dr. R. Nagendra, Child Paleontologist, B. Aswatha, and Mrs. K. T. Vijaya Rani Biju, Prof. Jeelani, Retd. Curator Science Centre, Kolkata to have postulated their precious time to succor our children on the occasion of World Fossil Day. The event was organised for the first time in the country at Sri Prakash Vidyaniketan making it an unforgettable experience for the prakashites. I extend my true thanks to Sri B.Prabhakar Sarma -Retd. Chief Editor, The Hindu for having consented to guide our students on the 21st century communication and creative skills. The Hindu. I extend my humble thanks to Ms. Subha Das Mollick, Dr. Mrinal Mukherjee, Ms. Lavanya Srinivas, Mr. Sayantan Mukherjee, Mrs. B. Saraswati Rao for the three day workshop on the art of cinema in classroom. I extend my heartfelt thanks to Prof. Sudhakhar Reddy & Dr. C. V. L. Srinivas for their august presence for the Sankranthi Sambharalu. Further I extend my appreciation to Dr. C. V. L. Srinivas, for the theatre work-



Sri Prakash 4th International Children's Science & Mathematics Festival



MS.MAARIT IRENE ROSSI

SUCCESS STORIES of FINLAND CLASSROOMS

GLOBAL

PRIZE

WINNER

**TEACHER** 











Dr A P JAYARAMAN

Retd. Senior Nuclear

Scientist



Dr. Sultan Ahmed Ismail Director. Eco-Science Research

C AGARKAR MUMBAI





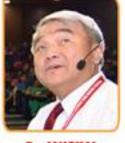
Dr.P.J.L.G.

SRI LANKA

FINLAND

Former V.C. Acharya

Nagarjuna University



YINGPRAYOON

THAILAND



K. Y. WONG

HONGKONG

Chief Conservator

of Forests



Director GVP-SIRC.

Master D.Dheeraj, wins First Place with 2 lakhs Cash Price in the Finals of **Padutha Theeyaga Singing Competition** 

position respectively in a quiz competi- Eminent Educationist, Sri Lanka, Dr. A. P.Jayaraman, Wajnowski, Ms. Chotisingh, Mr. Michael G Starkey, tion organised by Ramakrishna Mission, Retd. Senior Nuclear Scientist, Mumbai, Dr. Ms. Maaike Plomp, Ms. Zuzuna Dolinay, Mr. Matej S. Sai Sathwik of Std VIII, secured 1st D.Raghunadha Rao, Director Homi Bhabha Cancer Dolinay, Mr. K. Murthy for an awakening workshop position in Young World Painting compe- Hospital & Research Centre, Visakhapatnam, Dr. P. and presentation. Prakashites could pay their humtition organised by The Hindu on the D. K. Rao, Dedicated his life in Outreaching Poor ble gratitude to the Youth Icon of India, Swami theme 'Corruption Free India'. B. Tejasri Children, Prof. G. S. Murthy, President Sanskruthi Vivekananda due to (IX SSC) - 1st Position, V. A. Kundan (VII Gourav Samstha, Dr. Janchai Ying Prayoon, Dy. the motivating talk and SSC) - 1St Position Eastern Power Director Suan Sunanda Rajabhat University, Dr. Arun knowledge given by (Energy Conservation Week Celebrations) Raaza, C.E.O. ARCOMM Tech. Solutions, Chennai, Swami Atmavidanand, painting (senior) V. Aswika Kundan std students of Technical University, Denmark Mr. Emil Secretary, VII for winning Consolation at the PCRA Bach Andersen, Mr. Kristian Julius Moltved, Ms. Mission, Vizag. Painting competition, Abhishek Kumar Mathilde Vester, Mr. Simon Klinck Borregard, Mr. Sharma, Battula Praneeth, Abhijeet Nikolas Thuesen, Prof. V. Bala Mohan Das, Former I would like to extend Kumar - Alcohol Detecting Programme - Vice Chancellor Acharya Nagarjuna University, Sri my humble thanks to 1st prize, Kiran Satwik. Muthyala, Rahul Pandey, I.F.S. Chief Conservator of forests, one and all for being Venkata Sumanth Garapati - Automated Prof. Dr. Rao Tatavarti, Director, Senior Professor there with the school. Robotic Arm - 2nd prize, B. Swetha, N. G.V.P. for making the 4th ICSMF a grand grand suc- I extend my thanks to Surya Kiran - Coin Counting and cess with their presence and guidance and most parents and congratu-

& Ch. V. S. Adithya, X secured 1st & 3rd Research Foundation, Chennai Dr. P.J.L.G. Nonis, tiles and in this regard I truly thank Dr. David



Sri Ch. Vasu Prakash Director - Sri Prakash Vidyaniketan

Nationals, C. Jayavant Kamesh, Std II, B. Sathwik, Separating Machine - Consolation prize Dredging importantly with their innovative suggestions and late the winners of Std VI for being among top 12 doodles at the corporation of India Ltd - Vigilance Awareness Week thought provoking advises. We are ever so grateful various competitions National Levels. B. Swetha, Std X - 3rd Prize - 1st Prize - 300 cash, 2nd Prize - 200 cash, to all our guests Sri C. Selvam, I.F.S., Prof. at school.

## **Master Minds**

# SMILES

#### Sri Prakash Newsletter

" As a journalist, your details always tell the story." said Sri B. Prabhakar Sarma



Prakashites had an interaction with Sir Prabhakar Sharma, retired Chief Editor of The Hindu Newspaper. Sir started his career as a journalist in 1973. He interacted with the students and gave them an idea about team work and gave brief information about journalism. He also advised them to be quick, alert and attentive. He opined that students should have co-ordination, organization and quick grasping power within them. He advised the school multimedia team to present the report in an interesting way and give the report in a simple manner with simple words so that it could be easily understood.

Release of School Calendar - 2019 by Sri Sarada Peetham head Swami Swaroopanandendra.



Prakashites interacted with Padmashri Dr M.R.Rajagopal, Chairman, Pallium India.

An Overseas interaction with Whately Elementary School, Massachusetts, USA on the project Animals Around us and

their habitats across different Nations



REAL International School,
Malaysia
on the project
Rivers as Lifelines of Nations

An Overseas interaction with

Skype Talk.....







Ms. Rajeswari Menon, Retd Principal, S.B.O.A. School Chennai Interacting with Teachers



Collaborative Project on Waste Management with Thailand Students







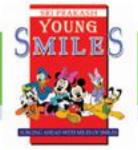






Paper from Water Hyacinth: A curiosity arousing workshop was held to create flutter in the minds of Prakashites involved in it. The students were highly energetic in practically making the paper under the guidance of Sri T. Sudhakar Reddy, Retired Professor, Andhra University, using Water Hyacinth (a fresh water weed), caustic soda and bleaching powder. The synthetic binders are not used in the process of making these papers. Hence the life of the paper is longer when compared to the regular ones.

## **Curricular Activities**



#### Sri Prakash Newsletter

Yeoman Service by Prakashites Distribution of Sports Dress to M.P.U.P. School, Kapuluppada

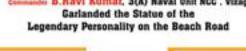


**Prakashites Pay Floral Tributes To** NETAJI SUBHASH CHANDRA BOSE



NCC Cadets of both Air Wing and Navy Wing of Sri Prakash Vidyaniketan paid homage to Netaji Subhash Chandra Bose

on his 122nd Birth Anniversary B.Ravi Kumar, 3(A) Naval Unit NCC . Vizag



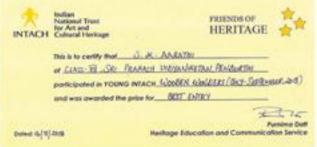


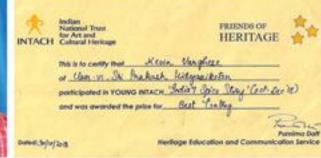


Let us salute Netaji Subhash Chandra Bose - The Founder of the Indian National Army on his 122nd Birth Anniversary - SRI PRAKASH











S.Sai Sathwik awarded First Prize in **Painting** Competition conducted by The Hindu and LIC on the theme Corruption Free India









V.ASHWIKA KUNDAN, viii RECEIVING FIRST PRIZE

SRI HARI NARAYANAN M, IAS COMMISSIONER, GVMC. INTER SCHOOL SPOT PAINTING COMPETITION





157 PRIZE IN QUIZ COMPETITION ON THE OCCASION OF 125TH YEAR OF SWAMI VIVEKANANDA'S HISTORIC SPEECH AT WORLD PARLIAMENT OF RELIGIONS IN CHICAGO, SEPTEMBER 1893





Interschool Basket ball Tournament (PRATHIBA)



Prakashites D.Sai Harsh & Ashwant, IX Std

Bagged First Prize in Quiz Competition

Conducted by Indian Customs Central Board of Indirect Taxes & Customs

Department of Revenue, Ministry of Finance, Government of India





B.Mohit Raj's story is one among the 15 stories selected out of 2500 entries published in a book Anaga Anaga in Andhra"

Vizag Junior Literary Fest





V.T. Likitha, IX received a cash prize of Rs.5000/at the National Level **PCRA Essay Writing** Competition



# NTSE

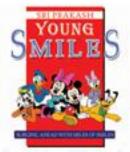
NATIONAL TALENT SEARCH EXAMINATION



Prakashite P. Gnana Prakash, X Std. bagged 7th Rank in **National Talent Search Examination (NTSE)** conducted by NCERT.



**Delegates of CHEMUN XII** 



## **Educational Workshops**



# DISTINGUISHED LECTURE SERIES by



DR. SUDHAKAR **CAGARKAR** RETD. PROFESSOR TIFR, MUMBAI



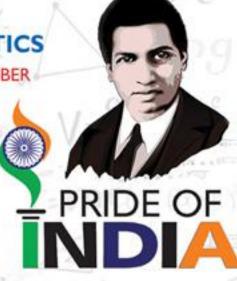


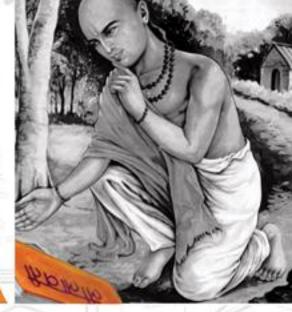


NATIONAL MATHEMATICS DAY 22 DECEMBER

SRI SRINIVASA **RAMANUJAN** 

REMEMBERING HIM ON HIS **BIRTH ANNIVERSARY** 





December 22nd, the birth anniversary of Indian observed the day with great reverence to the con-Mathematics Legend Sri Srinivasa Ramanujan is tribution of this legend. To mark this day, the stu-

being observed as National Mathematics Day. He continues to be an inspiration for mathematicians across the world even today. Prakashites

dents of Sri Prakash Vidyaniketan, presented themselves in the roles of the famous mathematicians - Johannes Widmann, Robert Recorde, Christoph Rudolff, William Oughtred, William Jones who introduced the symbols of addition, subtraction, equal to, square root, multiplication, pi to the world of mathematics respectively. Also the Role of Sri Ramanujan and G.H. Hardy who introduced Ramanujan to the world was effectively portrayed by the students. Prakashites participated enthusiastically in preparing and dis-

playing nearly 90 Origami Models, Puzzles in mathematics were also displayed. All students and parents appreciated the exhibition. The day

started with garlanding the portrait of Pradarshan): Exhibits of different models on dif-

our Prakashites. There was an Intra-school Rubik's Cube (Twist n Turn) Competition and Maths quiz (Math Buzz) competition conducted, where the students from different branches of SPVN participated with lot of enthusiasm. Among the students there was a 'Math Relay Race (Mathlaton)' for solving puzzles and mental ability sums through a running race. There also

classes 4 to 9 participated and solved the Math and explained the concepts in detail. The celeteasers for 3 days. Finally the winners were awarded with prizes. Math Expo (Ganit involved them in fun learning.

Ramanujan and a speech about him by one of ferent Mathematical concepts were displayed by



was 'Tricky Teasers', where the students from the students. Children showcased the models bration has made the students highly excited and

## FOSSILS, the key for the geologic time table



Andhra Pradesh Natural History Parks and Museums Trust, Vizag and Natural History Society of India, Department of Forest, Govt. of Andhra Pradesh and Ministry of Earth Sciences, Govt. of India celebrated International Fossil Week with exhibition on fossils on 11th October, 2018 at Sri Prakash Vidyaniketan. Prof. K.V.Subba Rao, President of Natural History Society of India and Member Secretary of Andhra Pradesh Natural History Parks and Museums Trust, Vizag gave introduction to these celebrations and highlighted the importance of fossil studies. Prof. KothaMahender of Goa University, Prof. Nagendra of Anna University explained to the students about fossils, their formation and how fossils help in understanding past history of Earth and



its climatic conditions. Child Paleontologist Aswatha Biju was the star of the event and she mesmerized all with her collection of fossils. She has been collecting fossils since the age of five and remained the inspiration for many Prakashites. Around 100 fossils dating back to Mesozoic and Cenozoic eras along with explanation charts were on display. Prakashites and many parents visited the exhibition and interacted with experts. Dr.S.Vijay Kumar of Vijay Nirman, Sri C.Selvam, DFO, Visakhapatnam, Dr.Shaik Jeelani, Scientist-in-Residence, KSR Trust, Sri C.Satyanarayana were also present during the celebrations.

Pictures awaken our thought process. scientific temper and global trends in the classrooms'



classroom', an initiative of 'Bichitra Pathsala and VigyanPrasar' was conducted at Sri PrakashVidyaniketan for the teachers by Mrs. Shobha Das Mollick, Dr. Mrinal Mukherjee and Dr. Sayanthan Mukherjee along with Mrs. Lavanya Srinivas. The workshop reinforced the fact that pictures can trigger different kinds of mindsets hence the necessity to extend their usage in the classrooms for teaching multiple concepts is of prime importance. The principal objective of the workshop was to

A 3 day workshop on 'Cinema in the make the 40 minute class an exciting journey. Prakashites had an interactive session where they were asked to comprehend a video on "Kharai Camel" which are facing extinction. Students created and presented their ideas on creating awareness among people to save this breed of camels. Later in a valedictory the participants were presented certificates by the director Sri Chitturi Vasu Prakash. While speaking to them he also emphasized on extending the classrooms for teaching multiple concepts.

Prakashites took immense pleasure and joy to share the experiences they had at TECH-2018 held at Visakhapatnam, Andhra Pradesh. It was a huge International Platform where the distinguished guests from round the corner gave their gracious presence. The conference saw participation by over 1.000 registered delegates from over 50 countries on a daily basis and witnessed highly engaging deliberations by experts in various domains related to education and technology such

as games for learning, artificial intelligence for education, social and emotional learning and data privacy & ethics. The meet was basically to bring about improvement in the present day technology in the field of Education. TECH 2018, held over three days, showcased the role of games and digital learning in enabling a shift from "transmissive pedagogies" to "transformative pedagogies" to create peaceful and sustainable soci-





**Felicitation** to our Beloved Director Sri Prakash Alumni

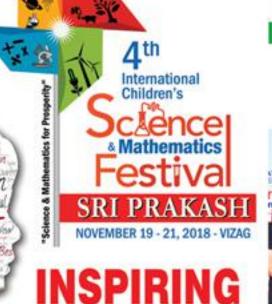


### Sri Prakash Newsletter





#### 300 Delegates from India, Thailand, Malaysia, South Africa, Sri Lanka, Hong Kong, Denmark & Finland









Felicitation to Dr.PDK Rao & Prof. GSN Murthy



DR.P.J.L.G.NONIS

An Eminent

Educationist

**SRI LANKA** 

Circumstances help man to think out of the box Opportunities help him ponder over the thought Support gives him encouragement and

Facilities equip him with the objective to give a concrete shape to his thought

This is how the International Children's Science and Mathematics Festival (ICSMF) originated. The ICSMF 2018 was inaugurated in the august presence of the noble personalities like Dr. D. Raghunadha Rao, Director Homi Bhabha Cancer Hospital & Research Hospital, Visakhapatnam, Prof. G. Surya Narayana Murthy, President, Samskruthi Gaurav Samstha & Sri. P D K Rao, a renowned social activist.

Rahul Pandey, IFS **Chief Conservator** of Forests

Prakash, inaugurated the three day event recalling pose of science festival. Dr. A P Jayaraman gifted an are immensely intelligent and practically skilled. He ing for meeting future requirements of the global socithe humble beginning of ICSMF in 2012 and how it exhilarating, participative and educative interaction also threw light upon the need of the hour to stop pol- ety. He stated that questions become inventions while succeeded in fulfilling the objective of igniting the sci- with the students wherein he said that science is luting our planet and also to use science and technolo- finding solutions and observation lead people to for-

entific minds of the youngsters since then. He reminisced how ICSMF grew in leaps and bounds, with increasing number of participation from both within and outside the nation. As always, the host Sri Prakash Vidyaniketan took great pride in hosting the 4th ICSMF on 19th of November, 2019 at VMRDA Vuda Children's Arena. It was a plat-

nearly 300 students displayed around 95 science **Projects** on various topics. Many of these participants flew overseas from places such as Malaysia, Thailand, South Africa, Hong Kong and Sri lanka. For all these young inquisitive minds the festival was a boon as they had the opportunity to meet eminent personalities from the field of science and mathematics. The event was studded with honourable dignitaries, guests and delegates, both national and international. It was an opportune moment for all the participants to get brushed off by the immensity of the knowledge of these specialists. The three day programme was a rich experience for everyone who gathered around. The event was planned with forenoon sessions of discussions, lectures and interactions of the renowned scienvators was open in the afternoon. Speaking to the auditheir scientific ingenuity for collaborative learning. He added that it is a time to celebrate science and

anskruthi Gourav



form for high school children to spare a thought or to observation and cognizance of thinking. He elaborate gy efficiently in making the Earth a better place to international models. Some projects which attracted seek solutions for social problems and also look for ed on 'Future proofing with six Mindsets' - namely dwell. on the occasion Sri Ganti Surya the gaze of the visitors were Micro Nutrients for Macro means to tackle them. The arena bussed with ideas as Ramanic mindset, Marie Curie mindset, Dmitri Narayana Murthy, was felicitated, In his Benefits, Patient Tracker, Swachhta Hi Seva Suction



tists, while the display of models of the budding inno- Mendeleev mindset, creativity Mindset, Kalam's mind- address to the gathering he opined that the role of a ence, Dr. Sudhakar C Agarkar congratulated all that one should have all the six mindsets for a success- them to impart knowledge with pleasure. The inau- performances by the Thailand students. The Awe the mentors and the future scientists emphasizing that ful future. Dr. D.Raghunadha Rao, Director, gural day included an enthusing interactive session by inspiring yoga performance by Prakashites was laudit was an opportunity of its kind for them to display Homi Bhabha Cancer Hospital & Research Centre Mrs. Maarit Rossi, CEO of Paths to Math Ltd., ed by the audience. Brilliantly portrayed skills of the Vizag and also a B C Roy National Awardee encouraged Finland and Global teacher prize winner who shared dancers - be it classical dance, a TikTok song, Farmer exchange views and ideas to enhance knowledge. Dr. nothing but making the existing system work better. She summarized her speech by saying that mathemat-hearts of the spectators. The various cultural perform-A P Jayaram, Retd. Senior Nuclear Scientist and Speaking on the auspicious occasion, Dr P D K ics is a powerful tool that helps us to understand the ances by the participants within India and also from former head of Media Relations, Bhabha Atomic Rao renowned social activist paid reverence to all the world and that whatever is the question, education is other countries highlighted the cultural amalgamation Research Centre, Mumbai, in his address said that tak- factors which led to this journey. Science according to the answer. Dr. P J L G Nonis an eminent educa- of different countries.

set and Prof. Micheal Sandil's mindset. He asserted teacher in the development of a society and advised all the participants and emphasized that innovation is several secrets of the success of Finnish Class rooms. Dance or an Indian Folk Dance, each one stole the ing science to people, disassociating it from the steril- him should acquire a human face. He emphasised that tionist from Sri Lanka, emphasized on the need for

Director, Sri Prakash Vidyaniketan, Sri. Ch. Vasu ized classrooms and globalising the same is the purthere is a lot of untapped potential in the children who experiment based teaching and activity based learn-

mulate hypotheses. He specified that sketching, creativity, imagination and application are the key factors to learn science. 18 out of the 95 projects were presented by the overseas students and the rest were from different Indian states. There was also wide participation from within the state and also from within Visakhapatnam. The inquisitive minds of Prakashites came up with 37 innovations which competed with

Mission, Probogenation, Smart Village, Fire Fighting Robo, Cymatics and Blind Aid. The visitors were particularly enthralled by some of the innovations like Zero Waste Composer, Automatic SRB Detector, BIO-Rain-water Catchement, Bioplastic, Development of Energy sources from community waste and Renewable Electricity projection for 2035. Other exhibits which drew the attention of the on lookers were the absorption capacity on the dried Hydrilla power, Disabled Parking Aid, Low-cost balanced diet, Notification system using oximeter, Train sensor, Fossil study, Kisan bot, Cell phone spy vehicle, Bulwark, Utilization of sound energy, ADA Lazer multipurpose bag, Free Energy mobile charger using magnets and Traditional methods of health care. The Cultural extravaganza began with a welcome dance by the Prakashites, followed by two mesmerizing dance







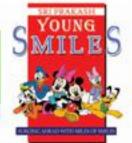














The second day of ICSMF, was a day of interactions and demonstrations. When a bevy of inquisitive minds in quest of knowledge meet a galaxy of intellectuals the clock doesn't really tick. The interactions captured the attention of the audience. The session started with Dr. Jimmy K Y Wong, Centre Director, Hong Kong New Generation Cultural Association Science Innovation Centre, Hong Kong, addressing the to be scientists of tomorrow. A pioneer of STEM and creativity education Dr. Jimmy K Y Wong explained that STEM integrates Science, Technology, Engineering and Mathematics into a cohesive learning paradigm based on solving real world problems. He has emphasized that learning should be futuristic for a robotics driven society. He further enumerated the five levels of STEM education as Enrichment of STEM knowledge,



Demonstration of STEM activities, hands-on practical activities, task oriented problem solving and open-ended real life problem solving. He cited a success story of STEM Education where two students from Hong Kong invented self-sanitizing

across the world and been patented. Finally, he curiosity, risk taking, exposure, awareness, thinking, imagination, vision and eccentricity.

door handle which has now become famous Dr. Janchai Yingprayoon, Deputy Director of International College, Suan Sunanda Rajabhat urged the students to develop creativity through University, Bangkok, Thailand, spoke on inspiring Science and Maths at home through various captivating audio visual clippings. He has given

quick tips on some useful math calculations in daily life like tables. He went on to show how simple activities can make learning of difficult concepts easy by showing many prototypes of origami and said that origami engineering is



Dr. SUDHAKAR C AGARKAR Retd. Prof. Homi Bhabha Centre for Science Education, TIFR. MUMBAI



being used in space research. Dr. Sudhakar C Agarkar Prof. Dean VPM's Academy of International Education and an idol of knowledge and experience, in his interactive session with the students said how mathematics can be made interesting and palatable for learners through stories. He said that India has given mathematics to the world and also has a long tradition of story-telling. He

has narrated many a stories of Newton, Euclid, Einstein, Galelio Galili, Alan Turing, Ramanujan, Francis Galton and Radhanath Sikdar. He reiterated that having the right attitude is the key to successful learning of mathematics. Dr. Sultan Ahmed Ismail, Msc., M.Phil.,Ph.D D.Sc., M D of the Eco Science Research foundation Chennai, in a session shared his rich expertise in environmental issues with the students. In his inspiring speech he said that students should learn and not just listen in the class room and advised them to learn the art of questioning. He has urged the students to research on such projects which are affordable and are of social value with a fool proof design. The audience was excited to learn that the term 'Vermitech' was coined by Dr. Ahmed. He briefed students about 'Vermitechnology' which he has perfected and propagated extensively over the years. Dr. Ismail stated that soil management and water management are the need of the hour. He expressed his concern over the shift from bio-

Denmark Science Show enthralled the students with a number of menced with the prayer followed by the scintillating melody ren-

experiments using various chemicals like potassium permanganate, Acetylene, Hydrogen peroxide etc. The exciting experiments included hydrogen balloon, acetylene balloon, reaction to potassium permanganate with fire and soap, blue cap bottle with methylene blue, water on candles and flaming colors compounds in

dered by the choir of the school, in the graceful presence of Dr. A P Jayaraman, Retd Senior Nuclear Scientist, Mumbai, Sri Arun Raaza - CEO ARCOMM Tech Solutions Pvt. Ltd., Chennai, Dr. P J L G Nonis, an eminent educationist from Srilanka and Dr. V. Bala Mohan Das, former Vice-Chancellor, AcharyaNagarjuna

University. Dr. V Bala Mohan Das was felicitated and the guests were honoured by the Director of the school, Sri. ChitturiVasu Prakash. He also expressed his gratitude to all the delegates and invitees and also congratulated the enthusiastic participants of ICSMF.

It was a celebration time as the Prakashites captivated the audience with their electrifying performances, as the evening unfolded the cultural bonanza. Ganesh Sthuti followed by a Hoola Hoops dance, tiny tots swayed their way on to the stage with their performance amidst the thundering applause. The moments of curiosity and suspense filled the air as the audience focused on the 'big picture' that was being drawn by the artists of Sri Prakash Vidyaniketan. A huge picture of one of the sought after sons of India, Dr. Vikram Sarabhai was open to the audience in less than ten minutes by the promising young artists. The visual delight continued with the events that followed,



diversity to genetics slavery and urged the students to work for pro-different chemical reactions. It was a visual treat as well as a cata-such as A Thai Dance, five elements, a South African dance, a skit, a tecting biodiversity. The Demonstration of the Young and lyst to make chemistry interesting to all the students. Following the Malaysian dance, Dance of Lord Krishna and a patriotic dance.... Dynamic Team of students from Technical University of tradition of Sri Prakash, the cultural fiests of the second day com-









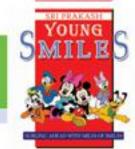








## 4<sup>th</sup> International Children's Science & Mathematics Festival - 2018





The third and the last day of the fourth ICSMF began with the display of exhibits followed by an interactive session by one of the youngest dignitaries Dr. Arun Raaza, CEO Arcomm Tech. Solutions Chennai. Dr. Raaza is the inventor of Automic Control System for power conservation which is deployed at over 3000+ ATM consoles of SBI and Indian Bank. Exemplifying the purpose of science innovations, Dr. Arun Raaza gave some important suggestions to the young innovators on patenting and commercializing innovative products with the help of funding agencies.



The team of young scientists from the Technical University of Denmark, has yet again captivated the audience with their live demonstrations of

come to all the guests. Dr. Agarkar speaking for the Valedictory congratulated the Director, the mentors and all the participants for organizing

some chemical reactions. They showed that hands-on activities and experiment-based learning makes chemistry very amazing and interesting The grand evening of the third day marked the closure of the fourth ICSMF in the

an event of such grandeur which offered a common platform for the students from the length and breadth of the world to learn and exchange their innovative ideas. The three-day festival has provided a great global learning experience to

which can be patented. Dr. A P Jayaram opined that the ICSMF gave a technological forecasting

tions which are useful, commercially viable and

of how India would be in future. He complemented the management on bringing together such talent pool from across the world. Dr. PJ L G Nonis described ICSMF as a celebration of imagination. He encouraged students to inculcate life skills and moral values alongside scientific and innovative thinking. Dr. Rao Tatavarti congratulated all the participants. He propounded that innovation is essential for the economic development and self reliance of any country. He inspired the students with success stories of some of the innovations he has guided through SPURTHI -Society Problems highlighted, Understood, Researched to Herald Innovation, an organization he initiated. Mr. Rahul Pandey commending all the participants said that proper planning, organization, self-discipline, belief in oneself and confidence are the keys to a successful career. Speaking at the occasion,

Dr. C V Narasimham, Principal, Ramnath Secondary School, NSTL, said that the fourth ICSMF is an excellent platform for the students for an intellectual exchange of ideas and experiences. Citing an example of an 8th grade girl's

Smiles 2018 Volume 17 Issue-1 of Sri Prakash was released by the galaxy of dignitaries. The most exciting moments of the day which all the participants eagerly awaited was the announcement of the names of the projects that are adjudged the best by the panel of experts. The



achievers were awarded with prizes and certificates. The host Sri PrakashVidyaniketan expressed a heartfelt gratitude to all the guests for their support and their gracious presence throughout the three day event. As a part of it Ms. Maarit Rossi, Dr. A P Jayaram and Dr. Sultan Ahmed Ismail were felicitated by the Director of the school, the other dignitaries and all the invitees. It was also a privilege for the management to show their reverence to all the judges and

honoured. It's my first time to travel I've never been to such

Star College South Africa



Lyceum International School, Srilanka



'It's amazing it's wonderful to see how things come together and in Sri Prakash 4th International Children's Science & Mathematics Festival "

Bal Shivaji High School Akola, Maharashra



dream it and live it

Sri Prakash Vidyaniketan Visakhapatnam





Let the children enjoy childhood and be healthy and also be themselves'

Dr. Sultan Ahmed Ismail



**Every student** should have fathomless depth of knowledge like C.V.Raman. and probable consequences of your actions'

Dr A P JAYARAMAN Retd. Senior Scientist, B.A.R.C



"Dr. Rao Tatavarti congratulated all the participants. is essential for the and self reliance of any country." Prof. Rao Tatavarti, Director, GVP-SIRC,

**GVP College of** 



frontier.Process scientific skills by solutions to exist ing problems."

P.J.L.G.NONIS An Eminent Educationist

Srilanka

presence of the honourable personalities like Dr. Sudhakar Agarkar, Retd. Prof. Homi Bhabha for Science Centre Education, TIFR Mumbai, Prof. and Dean at VPM's Academy of International Education and Research Thane; Dr. Sultan Ahmed Ismail, **Eco-Science** Director, Foundation, Research Chennai; Dr. Jayaraman, Retd. Senior Nuclear Scientist and former Head

of Media

J L G Nonis an eminent educationist from Sri Lanka; Prof Dr. Rao Tatavarti, Director Senior Prof. GVP-SIRC, GVP college of Engineering and Mr. Rahul Pandey, Chief Conservator of Forests, Visakhapatnam. Sri. Chitturi Vasu Prakash, the

Relations,

ing response and their contribution in making the festival a grand success. He hoped that the next ICSMF would witness a manifold increase in participation. Dr. Sultan Ahmed Ismail appreciated all the projects displayed in the fest. He Director of the institution, extended a warm wel- also urged the students to come up with innova- when the much awaited News Letter Young

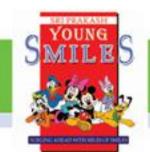
melodious music inspired innovators to work on it. He observed that Sri PrakashVidyaniketan is organizing such events not only for the benefit of Prakashites but also out of concern towards the society. It was a proud moment for Prakashites

honorable guests. Further the child Paleontologist and Fossil expert Ms. Ashwatha Biju from Chennai was recognized, acknowledged and appreciated on the event. Dr. Sudhakar C Agarkar in his closing remarks complemented Director of the school, Sri Chitturi Vasu Prakash and congratulated all

the mentors, educators and young innovators for their excellent contribution in marking the event a grand success and wished that the present participants would leave their strong footprints for their successors to continue the vibrant journey of scientific and innovative thinking.



## **Curricular Activities**















A DAY AT SEA Prakashites Experience the life of Mariners...



DR.C.V.L.SRINIVAS

"Theatre arts nourish creativity and independent

thinking and elevate the heritage

ASSOCIATE PROFESSOR AT UTKAL UNIVERSITY OF CULTURE BHUBANESWAR.







ROBOTICS WORKSHOP























## Sri Prakash Newsletter

Zuzana

Dolinay

Wildlife

Plomp

**Primatologist** and STS member.

Michae Starkey Co-Founder 8 xecutive Director

Filmmaker.

Czech Republic



Murthy Kantimahanti

# **Curricular Activities**

#### 'SAVE THE SNAKES' TEAM AT SRI PRAKASH VIDYANIKETAN

A seven membered team of 'Save the remained spell bound, looking at the snakes', a US based non-profit organization works relentlessly in studying and conserving wild life especially snakes. The members of the team are Mr. Michael G Starkey. Ms. Maaike Plomp, Dr. David Wajnowski, Ms. Choti Singh, Mr. Matej Dolinay, Ms.Zuzana Dolinay and Mr. K. Murthy. Prakashites spent an afternoon of curiosity as the team opted to spend their time with the students, educating them on mitigating the human - snake conflicts. The students

curiosity arising, spectacular and deeply educating information that was transferred in the most interesting manner. Children were made to understand the difference between the venomous and non-venomous snakes. Also the lessons to remain away from the dangers of snake bite were loud and clear. "The best way to avoid a snake bite is to move away from any snake and leave it alone." This message was conveyed with optimum clarity.





Prakashites pay tribute to the Youth Icon with an artistic Collage

SWAMI VIVEKANANDA ON HIS 156th BIRTH ANNIVERSARY

Dr. David

Choti

Singh





Swami Guneshananda Maharaj, a Monk of 'Ramakrishna Matt and Mission'; Sri A S Rama Sarma, Advocate; Sri P.V. Narasimha Murty, CEO, Visakha Co-Operative Bank, Sri Venkateshwara Rao, Retired Additional Deputy Commissioner of Police; Prof.P. Raja Ganapathi, Col. Alok Rai Punj, Sri Ch. Vasu Prakash, Director, Sri Prakash Vidyaniketan, adorned the National Occasion with their gracious presence.

The 70th Republic Day was celebrated with utmost patriotic reverence and immense zeal at Sri Prakash Vidyaniketan. The celebrations commenced with the customary unfurling of the National Flag by the guestsfollowed by a march past by students. Col. Alok Punj Rai, Training officer and Adm. Officer, NCC Gp HQ Visakhapatnam; Prof. Rajaganapati Pragada, Founder member of Gayathri Vidya Parishad, Visakhaptnam; Swami Guneshananda Maharaj, Monk from Ramakrishna Matt; Sri A S Rama Sharma, Advocate; Sri SV Narasimha Murthy, CEO, Visakha Co operative Bank; Sri Venkateswara Rao, Retd. Addn. Dy. Commissionner of Police and Sri Ch. Vasu Prakash, Director, Sri Prakash Vidyaniketan were present. The school choir then set the mood of all as proud citizens of India with perfect rendition of the National song.

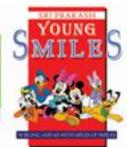
The enlightening and inspiring talks of the guests were followed by speeches by students in Sanskrit, Hindi, Telugu and English, kindling the patriotic fervor in all present there. Students also filled the air with nationalistic spirit through their mellifluous rendition of some patriotic songs.

The cultural program comprised of an awe-inspiring display of martial arts - Taekwondo, a very informative and engrossing skit on the importance of Indian constitution, a guitar - Casio synthesis, a thought- provoking role play on Preamble and an energetic dance medley show casing the enthusiasm and love of Prakashites for the Mother Nation. Winners of various competitions held to mark the occasion were awarded.

The curtains of the celebrations came down with singing of the national anthem leaving everyone with the fragrance of love and reverence towards the motherland to linger on for a long time.

The Director, Sri Chitturi Vasu Prakash, motivated prakashites to take great pride in being Indians and also to promote the values and features of the world's largest written constitution.

## **Curricular Activities**



## **TEACH LIKE FINLAND**











Ms. Kiran Mazumdar Shaw CMD, Biocon Ltd.

The Infosys Science Foundation (ISF) honoured the winners of the Infosys Prize 2018 at an awards ceremony in Bengaluru The Infosys Prize is given to individuals who have made significant contributions across six fields, namely Engineering and Computer Science, Humanities, Life Sciences, Mathematical Sciences, Physical Sciences and Social Sciences. The event was attended by eminent scientists and academicians from India and abroad, business leaders, young researchers and students. Trustees of the Infosys Science Foundation, K. Dinesh. President of the Board of Trustees, N. R. Narayana Murthy, Nandan Nilekani, T. V. Mohandas Pai. Gopalakrishnan, S. D. Shibulal and Srinath Batni, were also present at the event. Director Sri Ch. Vasu Prakash is one of the invitee for the grand event. He interacted with Nobel Laureates and Academicians.



Dr. AMARTYA SEN Nobel Laureate



Prof. MANJUL BHARGAVA

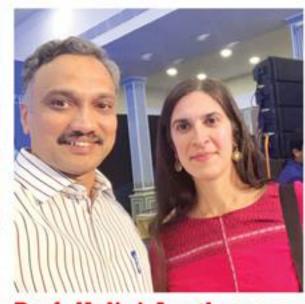
R. Brandon Fradd Professor of

Mathematics at Princeton University

Winner of the Fields Medal (2014)



Dr. Wally Gilbert Nobel Laureate



Prof. Nalini Anatharaman
Professor and Chair of Mathematics,
Institute for Advanced Study,
University of Strasbourg





TECHNICAL UNIVERSITY OF DENMARK





A Team









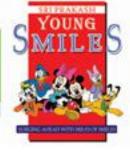








## Sri Prakash Newsletter



### The Learning Dais...



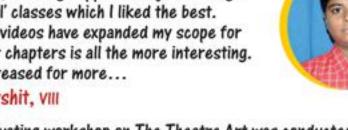
School provides us with various opportunities to interact with eminent personalities and enrich our knowledge. School celebrates various festivals like Christmas, Pongal etc. to inculcate cultural values. CCA activities at school help in all round development

- G.Sai Sanjeev, VI

School- A Learning Home. In this school, learning happens not just through books but also through 'Audio- Visual' classes which I liked the best. Many Scientific and General Knowledge videos have expanded my scope for learning. The way they are related to our chapters is all the more interesting. Hence my curiosity increased for more...



#### -R. Harshit, VIII



A remarkable and motivating workshop on The Theatre Art was conducted in my school. Sri Srinivas briefed us about the basic skills of performing dramas and plays by conducting different activities which could improve our concentration and memory. This workshop helped me to improve dramatic and presentation skills. I also learnt that patience is the key to success. I wish to be a part of many more such fun filled and interesting workshops.

-Rudra Prasad Mohanty, VIII

## **Experiential Learning**

I learnt many interesting facts about Mathematics during the Mathematics Day Celebrations. What Dr Sudhakar C. Agarkar shared is extremely valuable and it helped me to know a lot about the great Mathematicians and the symbols discovered by them. Knowing about the book 'Lilavati', an Indian mathematician Bhaskara II's treatise on mathematics is one among the best I got to know this year.

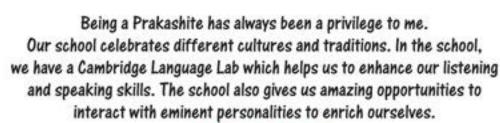


#### - Ishiga Patel, IX



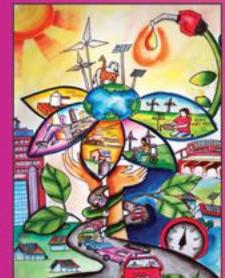
Like everyone else, I was just a normal student but it was this school which helped me discover my potential. Being entrusted with a job of a House Vice-Captain, I learnt coordination, compassion and leadership skills. Marching in a Patriotic Parade, holding the majestic flag of my house, ignited my dream of joining the 'Navy' and serve the nation.

#### - P.Prakashita Raj Kumari, x



V.Eesha Veena, VII

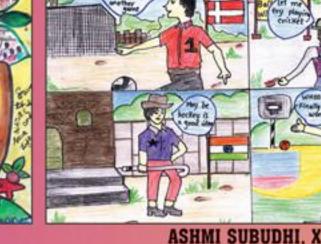




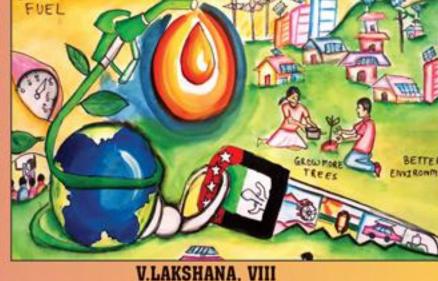
ART GALLERY...





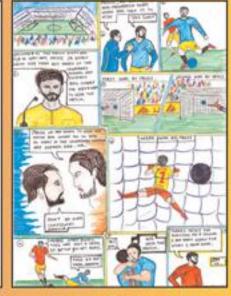












M.PUSHPANIALI, VII

J.SAMHITHA, VIII

NIMMI KURIAKOSE,IX

VEERAJ JAISWAL, X















Life in a hostel comes with a combination of fervor, frolic and festivity. Prakashites as hostellers complete the meaning of their childhood with a holistic and all round development in the school residential. A homely atmosphere is set throughout the year with the celebrations of 'Birthdays', 'Festivals', 'Outdoor visits' in the city and so on. This year too the hostellers had celebrated 'Diwali' bursting Eco-friendly crackers and a grand photo with bright smiles. New Year celebrations also found its platform elevated when the hostellers performed a drama on 'Child Prodigies of the 'Hindu Mythology', songs and dances with high spirits. They also took in the emotional and moral value through a speech delivered by the Director Sir.

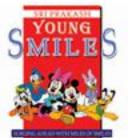








## Inspiration



## Father of the Nation - Mahatma Gandhi

Gandhi and his wife Kasturba



fourth wife; the three other wives meat, alcohol, and promiscuity.

Mohandas Karamchand Gandhi died during childbirth. Gandhi was (Mahatma Gandhi) was born on born into the vaishya (business October 2, 1869, into a Hindu Modh caste). He was 13 years old when family in Porbandar, Gujarat, India. his parents got him married to His father, named Karamchand Kasturbai (Ba) Makhanji. They had Gandhi, was the Chief Minister four sons. Gandhi learned tolerance (diwan) of the city of Porbandar. His and non-injury to living beings from mother, named Putlibai, was the an early age. He was abstinent from

Gandhi studied law at the University of Bombay for one year, that all violence was evil after the Amritsar massacre then at the University College London, from which he grad- of 379 civilians by British troops, which traumatized uated in 1891, and was admitted to the bar of England. His the Indian nation. As the leader of the Indian National

reading of "Civil Disobedience" by David Thoreau inspired his devotion to the principle of non-violence. He returned to Bombay and practiced law there for a year, then went to South Africa to work for an Indian firm in Natal. There Gandhi experienced racism: he was thrown off a train while holding a valid first class ticket and pushed to third class. Later he was beaten

(1902)by a stagecoach driver for refusing to travel on the foot- ious opponents; it later dissolved back into the board to make room for a European passenger. He was Congress. barred from many hotels because of his race. In 1894, Gandhi founded the Natal Indian Congress. They focused on On New Year's Eve. December 31, 1929, the Indian the Indian cause and British discrimination in South Africa. In 1897, Gandhi brought his wife and children to South Africa. He was attacked by a mob of racists, who tried to Independence on January 26, 1930. Gandhi planned to lynch him. He refused to press charges on any member of achieve stability through the secularization of India, as the the mob. Gandhi became the first non-white lawyer to be only way of uniting Hindus and Muslims in one peaceful admitted to the bar in South Africa.

During the South African War, Gandhi was a stretcher barer. He organized the Indian Ambulance corps of 300 Indian volunteers and hundreds of associates to serve wounded black South Africans. He was decorated for his courage at the Battle of Spion Kop. At that time Gandhi corresponded with Leo Tolstoy and expressed his admiration of the Tolstoyan principles of non-violence. In 1906 Gandhi, for



In 1906 Gandhi, for the first time, organized a non-violent resistance against the Transvaal government's registration act

the first time. organized a non-violent low Indians

thousands of his supporters. Peaceful Indian protests against the British salt caused a public outcry and forced the South African General J. C. Smuts to negotiate a compromise with Gandhi. However, Gandhi supported the British in World War I and encouraged Indians to join the Army to defend the British Empire, in compliance with the full citizenship requirement. Back in India, Gandhi became active in the struggle ocean to make their own for Indian Independence. He spoke at the conventions of salt. For 23 days the twothe Indian National Congress, becoming one of its leaders. mile long procession was In 1918, Gandhi opposed the increasing tax levied by the watched by every resident British during the devastating famine. He was arrested in



Gandhi spinning yarn, in the late 1920s

the jail. Gandhi was addressed by the people as Mahatma was invited to London as the leader of the Indian National (Great Soul) and Bapu (Father). He was released. Then he Congress, but he was disappointed with the British attempts represented the farmers in negotiation with the British to destroy his influence by dividing him from his followers. administration. His effort worked. The tax collection was Gandhi campaigned to improve the lives of the untouchsuspended and all prisoners were released. He declared ables, whom he called Harijans (the children of God). He

Congress party Gandhi launched "Swaraj", a campaign for independence and non-cooperation with the British authorities. He urged Indians to replace British goods with their own fabrics and goods. He was imprisoned from 1922-1924, being released after an appendectomy. During that time a Swaraj party was formed by his anx-

National Congress unfurled it's flag of independence. Gandhi and Jawaharlal Nehru issued the Declaration of



Mahatma Gandhi leading volunteers of the Indian National Congress during the historic march to Dandi in March 1930

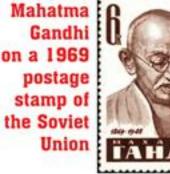
gious divide was growing under the British colonial rule, which prospered from the monopoly on the salt trade. Everyone needed salt. Gandhi wrote to the Viceroy. Lord Irwin: "If my

nation. The reli-

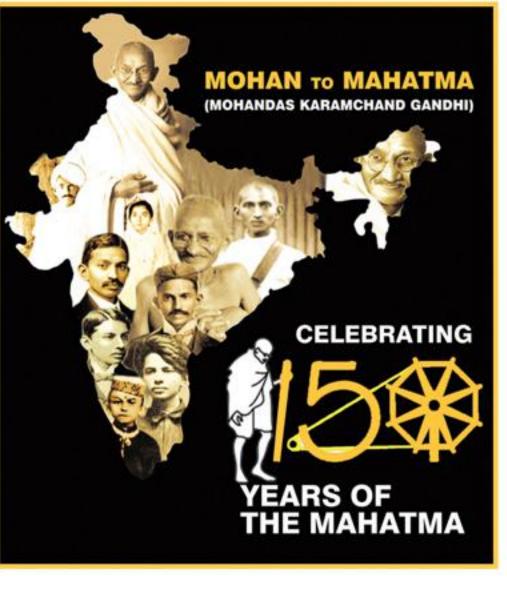
resistance letter makes no appeal to your heart, on the eleventh day of against the March I shall proceed with co-workers of the Ashram as I Transvaal can take, to disregard the provisions of the Salt Laws. I lowed by the government's regard this tax to be the most iniquitous of all from the poor registration man's standpoint. As the Independence movement is essenact. He called tially for the poorest in the land, the beginning will be made upon his fel- with this evil."

to defy the From March 12 to April 6, 1930, Gandhi made the famous new law in a non-violent manner and suffer the punishment Satyagraha ("Satya" - truth, "Agraha" - persuasion), The Salt for doing so. He was jailed on many occasions along with March to Dandi. He walked on foot to the ocean in protest

> monopoly and salt tax. He led thousands of Indians on a 240 mile (400 km) march on a 1969 from Ashram Ahmedabad to the village of Dandi on the

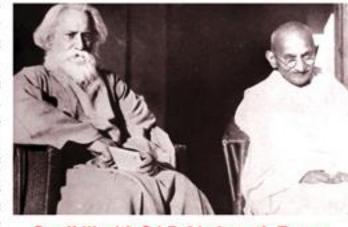


along the journey. On April 6, Gandhi raised a grain of salt Champaran, state Bihar, and declared, "With this, I am shaking the foundations of for organizing civil the British Empire." Gandhi's plan worked because it resistance of tens of appealed to people in every region, class, religion, and eththousands of landless nicity. The successful campaign led to the reaction of the farmers and serfs. In jail British government and imprisonment of over 60,000 peo-Gandhi was on a hunger ple for making or selling salt without a tax. The British strike in solidarity with opened fire on the unarmed crowd and shot hundreds of the famine stricken demonstrators. Gandhi was arrested in his sleep on the farmers. Hundreds of night of May 4th, 1930. Eventually the British government, thousands of his sup-represented by Lord Irwin, signed the Gandhi-Irwin Pact in porters gathered around March 1931, agreeing to free all political prisoners. Gandhi



promoted equitable rights, including the right to vote in the same electorates as other castes. In 1934 Gandhi survived three attempts on his life. In 1936, he briefly resigned from the party, because his popularity was stifling the diversity of membership; ranging from communists and socialists to religious conservatives and pro-business groups. He returned to the head of the party with the Jawaharlal Nehru presidency. At the beginning of the Second World War Gandhi declared that India could not be a part to this war, unless it has independence. His "Quit India" campaign led to mass arrests on an unprecedented scale of struggle. He was arrested in Bombay (Mumbai) and was held for two years. During his captivity his wife passed away and his secretary also died. Gandhi was released in May of 1944, due to a necessary surgery. His campaign led to a release of over 100,000 political prisoners before the end of the

war. India won independence in 1947. fol-Indo Pakistani War of 1947, and partition of India. Gandhi said, "Before partitioning India.



Gandhiji with Sri Rabindranath Tagore

body will have to be cut into two pieces." About one million people died in the bloody riots until partition was reluctantly asserted by Gandhi as the only way to stop the Civil War. He urged the Congress Party to accept partition, and launched his last "fast-into-death" campaign in Delhi, calling for a stop to all violence. Gandhi also called to give Pakistan the 550,000,000 rupees in honor of the partition agreement. He tried to prevent instability and anger against India.

Gandhi was shot three times in the chest and died while on his way to a prayer meeting. on January 30, 1948. His assassins were convicted and executed a year later. The ashes of Mahatma Gandhi were split in portions and sent to all states of India to be scattered in rivers. Part of Gandhi's ashes



The Gandhi Mandapam, a temple in Kanyakumari, Tamil Nadu in India, was erected to honour M.K. Gandhi.

rest in Raj Ghat, near Delhi, India. Part of Mahatma Gandhi's ashes are at the Lake Shrine in Los Angeles.



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