



Dr. D.S. Kothari Institute Bulletin

डॉ. डी.एस. कोठारी संस्थान बुलेटिन

Issue - 1

January, February 2022

PREFACE

Just two years ago it was decided to form an Institution in the name of Dr D S Kothari. It is now one year & a half when the Trust was registered and later bank account was opened. Simultaneously, a campaign was started for enrolling members.

Inaugural function was held just after one year of its formation, ie. on 6th July 2021. A souvenir was announced at the time of inauguration but final publication took time. Souvenir having 180 pages was published and distributed. DSKIRE started two projects, while third is in progress. It is at this stage that we decided to publish regular bi-monthly bulletin of four pages for communicating events and activities of DSKIRE to members and others. The first edition of Bulletin is in your hands. Suggestions are welcome.

The Birth and March of Kothari Institute

We, at Vigyan Samiti, have been fortunate to claim long relationship and blessings of Padam Vidhushan Dr Daulat Singh Kothari. Publication of science popularization magazine 'Lok Vigyan' was initiated in 1960 by Vigyan Samiti. Dr. D.S. Kothari had sent a very inspiring appreciation for 'Lok Vigyan' in 1965. When foundation stone of its first auditorium was laid in 1976, he was there to grace the occasion. During every visit of Udaipur, he would be at Samiti for sure. His presence always provided us with needed guidance. Perhaps in 1990, his was the last visit to Samiti. After his demise in 1993, Samiti started variety of activities and programmes in his memory.

In this backdrop, it was thought of establishing an institution in his name. In January 20, 2020, eight senior members of Samiti met and decided to initiate the establishment of the organisation, provided family members of Dr D.S. Kothari consented to it. In Feb, 2020, Dr. Kothari's second son Dr. LK Lothari and grand daughter Smt. Deepika ji were invited in Samiti. The

matter was discussed. They consented to the establishment of the organisation. Vigyan Samiti member and former ISRO scientist, Dr. Surendra Singh Pokharna and others accepted the task of taking the matter further. During Corona lockdown period, he contacted senior CA of Udaipur Dr. OP Chaplot and drafted the Trust Deed. The Trust was registered after lifting of lockdown in the first week of July 2020. This followed further actions, PAN Card was obtained, Bank A/C was opened, 12A and 80G of Income Tax were applied and finally received. Mail ID and Institute's LOGO were finalised. Eligibility and fee for trustees and life membership were decided. Trustees and members were enrolled. Brochure was drafted highlighting vision, mission, values, objectives etc, both in hindi and english. Five Eminent Vice Chancellors of Rajasthan were associated as honorary members. Seven eminent persons were nominated as advisors. From among trustees and members, eight persons were appointed as honorary directors and specific responsibilities entrusted to them. Meetings were held periodically. Office was established, office secretary was appointed w.e.f. 1st March 2021. The board of the institute was installed in Vigyan Samiti premises. Website and Zoom facilities were acquired. On 6th July 2021 (Birthday of Dr. D S Kothari) this institute was formally inaugurated by chief guest Padma Vibhushan Dr. Raghunath Anant Mashelkar, Former Director General of the CSIR, in a glorious function held both on Zoom & physical mode, in which eminent scientists and dignitaries were present from all over the globe.

A souvenir on the occasion was announced and published later containing messages & write-ups of eminent scientists and luminaries. Library has been initiated. Corpus fund of 12 lakh has been created as Bank FDs. Recently we have identified 15 eminent persons of Udaipur and requested them to join the institute as honorary members. The first audit (2020-21) has been done and ITR filed. This all could be possible due to whole hearted support of Vigyan Samiti members and staff.

Editors : Er. S.C.K. Vaid, Dr. Deelip Dhing

Place of publicatin : Vigyan Samiti Campus, Road No. 17, Ashok Nagar, Udaipur - 313001



Activities

Setu Project of Manthan (Ahmedabad)

Project Incharge Dr SS Pokharna & Vigyan Samiti

Dr. DS Kothari Institute, Vigyan Samiti and Manthan India (Ahmedabad) jointly conducted a 4 hour-long teachers' training programme on 30th November 2022 in which 69 teachers from 38 schools participated. Under this project, financed by DST GOI, students learn Science while playing through special kits. The use of kits, prepared to teach "science while playing", was effectively demonstrated and the kits for class 5th to 8th were also distributed to all participating teachers. After the programme schools have come for additional kits which were supplied. In all 1100 kits have been distributed so far. A team comprising of the Director of Manthan Shri Abhay



Kothari, Shri Kathan Kothari and Shri Bharat Bhai and our Shri SS Pokharna participated in training programme.

Mobile Science Laboratory Project of AIF

Project Incharge Er KS Samota, Shri Rajeev Surana

Agastya International Foundation is a prestigious organisation based at Bangalore. They are engaged in creating scientific temper among students for the last two decades through various models. We have selected MSL model for Udaipur District after discussion, correspondence and examining the project through a competent committee. The finally agreed draft was signed by both the organisations ie. DSKIRE and Agastya



Foundation on 18th Oct. 2021. Our worthy donors Shri Abhay Srisrimal Jain of Chennai and Shri Amit Baid of Dubai have contributed heavily ie. Rs.881627/- and Rs 250000/- respectively which we have transferred to Agastya Foundation. This is the payment for activities for first six months plus cost of equipment. The van had reached here in December' 21 and the project was

inaugurated on 20th Dec. by Shri Lakshyraj Singh Ji Mewar at city palace Udaipur. After reopening of the schools, the van started going to different Govt. schools of villages in a radius of 25km from Udaipur, from 3rd January 2022 as per prepared schedule. So far 40 schools and 5500 students have been benefitted by this programme.

Monthly Webinars

Project Incharge Dr SS Pokharna, Dr. G Naresh Kumar

Monthly webinars started in march 2021. By now 9 webinars have been organised. The speakers were : Shri Rajeev Malhotra (Artificial Intelligence-23rd March), Dr Navneet Shah and Padmshri Dr Sudhir Shah (Covid-19 pandemic-24th April), Dr Vinay Jain (Cost Effective Strategies to Manage Corona- 1st June), Prof. Shisir Roy (New Challenge to Big Bang Cosmology-15th June), Dr Narendra Bhandari (Legacy of Chandrayan-1st August), Prof. G. Naresh Kumar (Nutrition for better Health-4th September), Dr Vijay Kothari (Antibiotic-resistant bacteria-4th December), Shri Vimal Wakhlu (5G Network-8th January), Dr Ramesh Arora (Swami Vivekanand-12th February)

Wealth from Waste Material

Project Incharge Er. SCK Vaid

DSKIRE is working on a plan in association with CSIR-NML laboratory to develop suitable technology for recovery of magnesium and phosphorus. RSMML has huge stockpile of waste materials which contains these metals. DSKIRE's role is of facilitator. CSIR- NML has sent formal proposal to RSMML for acceptance. If this technology proves successful, hidden wealth amounting to several thousand crores expected to yield.

Program on 4th February (Punya Tithi of Dr DS Kothari)

- On 4th February' 22 garlanding was done on the statue of Dr DS Kothari installed by Nagar Nigam at Fatehsagar. Ten members were present.

- Zoom Meeting in the evening at 7.30 pm. 21 persons attended including family members of Dr DS Kothari. After brief introduction by Dr Pokharna there were four speakers namely Dr KL Kothari, Dr Ravi Sharma, Dr Rajendra Bhandari and Dr. LK Kothari. They shared their experiences with Dr DS Kothari.





Subhash Chandra Bose Aapda Prabandhan Puraskar to Dr RK Bhandari

Government of India has instituted an annual award known as Subhash Chandra Bose Aapda Prabandhan Puraskar. The award is announced on 23rd January, the birth anniversary of Netaji Subhash Chandra Bose. The award carries a cash prize of Rs. fifty one lakh and a certificate in case of an institution and Rs. five lakh and a certificate in case of an individual.



We are very proud to mention that Dr. Rajendra Kumar Bhandari (in the Individual category) has been awarded the Subhash Chandra Bose Aapda Prabandhan Puraskar for the year 2020 for excellent work in Disaster Management. Hearty congratulation from DSKIRE family!

Visit of BISAG Ahmedabad



A team of Dr. D S Kothari Institute and Vigyan Samiti consisting of Dr Maheep Bhatnagar, Dr. SS Pokharna, Er SCK Vaid, Dr KP Talesra, Shri Prakash Tater visited BISAG. Shri Tejpal Singh ji of BISAG welcomed DSKIRE team & explained activities of BISAG in areas of satellite communication, remote sensing, geographic information system, preparation of database etc. He suggested that we should work in areas of virtual reality educational programmes in Rajasthani language including software development, Educational videos and films. Govt. funds are available for such activities. Collaboration is possible between BISAG and DSKIRE through Govt. of Rajasthan.

Vigyan Mela at Maharaj Ki Khedi



Mobile Science Lab of Agastya Project organised a science fair at senior secondary school Maharaj Ki Khedi (Mavli-Udaipur) on 22nd February 2022.

Nearly 80 students participated. Our members Er. RK Chatur, Er SCK Vaid, Dr Maheep Bhatnagar, Shri Rajeev Surana participated. Our Vigyan Samiti special patron Shri BH Bafna also graced the occasion. The project incharge Er. Karan



Samota explained Mela features to our members and guests.

New Publications of the Members of DS Kothari Institute

Book of **Dr LK Kothari** titled as "**To Talk of Many Things**" - 235 pages. The book is very interesting, informative and has attractive getup containing the topics of varied interests, including learning human values, healthcare, how to be happy, backward journey in times and to help those who can't say thanks.



Book by **Dr RK Bhandari** titled as "**Disasters**" in English and "**Aapdayen**" in hindi which runs into 171 pages. We have received 50 copies each of English and Hindi versions. Hindi edition has been distributed in Schools of Udaipur and English books are being given to interested persons. The book is lucid and useful.





WHO SAID WHAT ABOUT DR DS KOTHARI

Lord Rutherford Nobel Laureate

I consider that Dr. Kothari has a wide knowledge of physics and has that originality of mind that is required to attack mathematical physical problems with success.



Clark Maxwell

I feel special pleasure to send my greetings and good wishes for the growth of Physics Laboratory on the occasion of anniversary day. Dr. Kothari is called the father of Astrophysics.



Dr. APJ Abdul Kalam

I was interested in the lives of three scientists - Dr DS Kothari, Dr Homi J Bhabha and Dr Vikram Sarabhai. I wanted to learn more about their leadership qualities in the scientific and technological fields which helped link these to the development of the Nation. They are the founders of three great institutions - DRDO, DAE and ISRO.



Dr. Anil Kakodkar

Former Chairman, Atomic Energy Commission (GOI)

Dr. D S Kothari a wonderful human being a scientist researcher educationist, institution builder and a humanist par excellence. Professor Kothari led from the front in terms of nurturing high excellence in scientific research.



Bharat Ratna Prof. C.N.Rao FRS

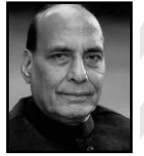
Dr. D S Kothari was an excellent scientist administrator. He is unusual in spiritual qualities and also academic qualities. He is a person that I will miss. Dr. Kothari will always be remembered in the educational scenario.



Shri Rajnath Singh

Defence Minister, India

Dr DS Kothari had deep interest in Indian culture and wanted to integrate science with spirituality to solve problems of the modern world.



विज्ञान अहिंसा साथ चले

डॉ दिलीप धींग

(निदेशक : अंतर्राष्ट्रीय प्राकृत अध्ययन व शोध केन्द्र)

जहाँ ज्ञान—ध्यान के फूल खिलें; विज्ञान अहिंसा साथ चले,
मानव से मानव गले मिलें; महके इक ऐसा उद्यान,
सुरभित करने हर घर ग्राम, लौटें धरती की मुस्कान।
जय जवान, जय किसान, जय विज्ञान॥

हो शोध हमारा बोधपूर्ण, शिक्षा चरित्र से परिपूर्ण,
आजीविका हो नीतिपूर्ण; निरामिष जीवन का आह्वान,
नवपीढ़ी का नवनिर्माण, सच्चा सामाजिक उत्थान।
जय जवान, जय किसान, जय विज्ञान॥

कण—कण पावन मेवाड़ धरा, यशगाथा से इतिहास भरा,
भक्ति—शक्ति की परम्परा; में जोड़ा नव—आख्यान,
बढ़ाई आन बान और शान, गौरवशाली राजस्थान।
जय जवान, जय किसान, जय विज्ञान॥

हम देशप्रेम का मान करें, वैश्विक शांति का गान करें,
आध्यात्मिक अमृत पान करें; चाहें स्व—पर का कल्याण,
जय जय कोठारी संस्थान, डी एस कोठारी संस्थान।
जय जवान, जय किसान, जय विज्ञान॥

दौलतसिंह है नाम अमर, प्रज्ञा—प्रतिभा से लड़े समर,
सर्वत्र फतेह की तेज लहर; बढ़ाया भारत का सम्मान,
रक्षा और सुरक्षा प्राण, पाया प्रगति का वरदान।
जय जवान, जय किसान, जय विज्ञान॥

(6 जुलाई 2021 को डॉ दौलत सिंह कोठारी शोध व शिक्षा संस्थान के उद्घाटन के अवसर पर रचित)

डी.एस. कोठारी शोध एवं शिक्षा संस्थान, उदयपुर

प्रकाशन सहयोग एवं पता

विज्ञान समिति, रोड़ नं. 17, अशोकनगर, उदयपुर फोन : 97837635756
E-mail : samitivigyan@gmail.com

प्रेरक : डॉ. कुन्दनलाल कोठारी

समन्वयक : डॉ. के.पी. तलेसरा