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S. No.	Extension Activity	Date
1	Celebration of Science Camp	23 rd Feb 2019
2	National Service Scheme (free medical and assistance camp)	3 rd -7 th Feb 2019
3	Contribution of Civil Services Training Program	15 th Jul 2019
4	Result of chemical analysis of treated water from STP	04 th Feb 2019
5	Appreciation letter to Prof. K. Maharaj Kumari from Nagar Panchayat	2019
6	Core committee meeting of INYAS	2018
7	Science fair at Mysuru	28 th Jun 2018
8	NSS activities at Railway Station Agra Cantt	23 rd Dec 2018
9	Appriciation letter from Indian railway to Dr. Ranjit Kumar	19 th Aug 2018
10	Regarding sampling of oxidation ponds of Dayalbagh Mohallas	08 th Sep 2018
11	Appriciation letter to Prof. K. Maharaj Kumari from Swatch Ward Competition	25 th Dec 2018
12	Report on MPN values of Dayalbagh wells	Jan-Dec 2018
13	Report on MPN values of Dayalbagh wells	Jan-Dec 2017
14	Result of chemical analysis of treated water from STP	27 th Mar 2017
15	Report on MPN values of Dayalbagh wells	Jan-Dec 2016
16	Result of chemical analysis of treated water from STP	20 th Sep 2016
17	Result of chemical analysis of treated water from STP	20 th Mar 2015
18	Approval for STP water sample testing at DEI	24 th Oct 2018
19	Day boarding School JEE Coaching	Jun-Sept 2019
20	Day boarding School JEE Coaching	Jan-Mar 2019
21	Day boarding School JEE Coaching	Nov 2017
22	Day boarding School JEE Coaching	Dec 2015- Mar 2016
23	Day boarding School JEE Coaching	Oct-Dec 2014
24	Summer school in science for high school students	18 th -23 rd Mar 2019
25	Summer school in science for high school students	26 th Feb-5 th Mar 2018
26	Summer school in science for high school students	14 th -23 rd Mar 2017
27	Summer school in science for high school students	21 st Mar-1 st Apr 2016
28	Summer school in science for high school students	2 nd -9 th Mar 2015
29	Summer school in science for high school students	20 th -27 th Mar 2014
30	Summer school in science for high school students	8 th -30 th Apr 2013
31	Summer school in science for high school students	21 st -22 nd Apr 2012



Dr. Ranjit Kumar organizing a Science camp of INYAS in Ujhani, Uttar Pradesh on 23rd February, 2019



DAYALBAGH EDUCATIONAL INSTITUTE
NATIONAL SERVICE SCHEME
FREE MEDICAL & ASSISTANCE CAMP
(No. 210-211)



February 03
 February 17, 2019

Time: 7.00 am - 10.00 am

VENUE: BAHADURPUR BY-PASS, POIYA GHAT ROAD, DAYALBAGH

DUTY LIST

TEAM FOR CAMP ARRANGEMENT

Transportation	Sh. Hemant Setia (Incharge), Sh. Ram Nayak Singh, Sh. Pradeep, Sh. Chetan
Cleaning of Venue	Sh. Param Preet Singh (Incharge)
Parking	Sh. Gaurav Rana (Incharge), Sh. Rajnath, Sh. Pradeep, Sh. Dilip
Campaigning (Day Before)	Sh. V. Prem Prakash, Sh. Amol Gupta, Sh. Galendra
Loading (Day Before)	Dr. Rakesh Kumar (Incharge), Student Volunteers
Venue Arrangement	Sh. Anami Saran (Incharge), Sh. Kumar Ratnakar
Winding-up (After Camp)	Dr. Ashok Jangid (Incharge), Student Volunteers
Audio-Visual Support	Prof. Gur Saran (Incharge), Dr. Vishal Sahni, Dr. Sandeep Paul
Audio-Visual Aids	Sh. Ankur Das (Incharge), Sh. Ranvir Singh, Sh. Pankaj, Sh. Lakhwinder
Refreshment Arrangement	Dr. Atul Suri (Incharge), Sh. Galendra, Sh. Virendra, Sh. Janardan
Press/ Media	Prof. JK Verma (Incharge), Dr. Rakesh Kumar, Dr. Sanil Kumar

TEAM FOR CONDUCTING ACTIVITIES

Registration	Dr. CV Laxmi (Incharge), Dr. Shabd Preet, Dr. Bhawna Johri, Dr. Ranjeet Kumar, Dr. Sunder Kala Negi, Ms. Karishma Yadav
Medical Center	Team of Doctors and Staff from Saran Ashram Hospital, Dayalbagh
Medicine Distribution	Sh. Ram Niwas (Incharge), Sh. Vijay Dev, Team of SA Hospital
Hole in the Wall	Dr. CV Laxmi (Incharge), Dr. Soumya Sinha, Dr. K. Srinivas, Team of MM
Children Recreation Center	Dr. Rupali Satsangi (Incharge), Dr. Lowleen, Dr. Anisha, Dr. Sunita Malhotra
Center For Spoken English	Prof. JK Verma (Incharge), Dr. Barni Dayal, Dr. Namita, Dr. Shashi Srivastava
Chaupal: Gita Ke Updesh	Dr. Suman Sharma (Incharge), Dr. Nishith Gaur, Ms. Rubina Saxena & Team
Rural Assistance Center	Prof. JN Srivastava (Incharge), Prof. GP Satsangi, Dr. Rajiv Ranjan
Edu. & Career Counseling	Prof. V Prem Swarup (Incharge), Sh. Rakesh Mehta
Vocational Training	Dr. JK Arora (Incharge), Dr. Parul Bhatnagar, Dr. Singeeta, Dr. Seema, Ms. Varsha
Skill Development Center	Dr. Rahul Swarup Sharma (Incharge), Sh. HK Khanna, Team of UPSDM
Traffic & Road Safety	Dr. Rajat Setia (Incharge), Mr. Anurag Gupta, Mr. Gaurav Kumar Saurabh

NOTE: 1. Incharges of Various Sections are requested to inform members of the team and Student Volunteers.

2. Active Cooperation and Participation of all members is highly solicited.

Dr. Ranjeet Kumar
 Camp In-charge

Dated: January 30, 2019



Dr. Ranjit Kumar in charge Medical Camp introducing the guest with doctors of medical camp



Dr. Ranjit Kumar organized Systematic Voters Education and Electoral Participation under National Service Scheme at Agra

Pushpa Sahni <deipushpasahni@gmail.com>

Fwd: Thank you - Your Contribution to the Civil Services Training Programme

Anita Lakhani <anita.lakhani01@gmail.com>
 pushpa.sahni <deipushpasahni@gmail.com>

Mon, Jul 15, 2019 at 12:37 PM

----- Forwarded message -----

From: **DEI ADEIS** <deiaadeis.cstp@gmail.com>
 Date: Sat, Jul 13, 2019 at 8:30 PM
 Subject: Thank you - Your Contribution to the Civil Services Training Programme
 To: Anita Lakhani <anita.lakhani01@gmail.com>

Dr. Anita Lakhani

Associate Professor,

Department of Chemistry,

Mayalbagh Educational Institute,

Mayalbagh,

M.P. - 487005

Sub: Your Contribution to the Civil Services Training Programme

Dear Dr. Lakhani,

We would like to place on record our appreciation for your active participation during the Face to Face Sessions of the **Civil Services Training Programme (CSTP)**, where you made presentations on the following topics.

- Radioactivity and Its Applications
- Rare Earth Elements

Our presentations were not only well received by the students, they were explained in a manner appropriate for the level of students present. The content of your talk was so very aligned to the Civil Services syllabus of Science and Technology.

Gmail - Fwd: Thank you - Your Contribution to the Civil Services Training Programme

Further, your contribution in framing questions on science in general, and Chemistry in particular, for our entrance examination and in editing our day to day quizzes is also greatly appreciated. You have willingly and happily helped us from time to time, which has greatly facilitated and eased our operations.

We thank you for your efforts and for taking time out to teach the students about the emerging trends and happenings in the field of Science and Technology.

We look forward to your continuing association with our programme.

With best regards,

Ajendra Prasad

Programme In Charge

CEI-AADEIs Civil Services Training Programme,

DBS Campus,

Mayalbagh,

GRA 282005

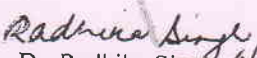
DAYALBAGH EDUCATIONAL INSTITUTE
DEPARTMENT OF CHEMISTRY

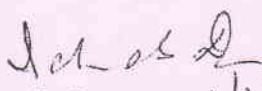
Date: 4th Feb 2019

Results of Chemical Analysis of Treated Water from STP

Samples collected on 30-01-2019

Sample collection site	pH	TDS (g/L)	BOD (mg/L)	COD (mg/L)
Reactor Inlet at STP	8.1	2.58	190	325
Polishing Tank of STP	7.7	2.01	150	214
Outlet of STP	7.6	1.67	90	116


Dr. Radhika Singh 4/2/19
Department of Chemistry


Prof. Sahab Das 4/2/19
Head, Department of Chemistry


Prof. G. S. Tyagi
Dean, Faculty of Science



नगर पंचायत, दयालबाग, आगरा-5

e-mail: nagarpanchayatdayalbagh@gmail.com
(M) 09359282793, 7060522577

डॉ. गुरप्यारी मेहरा

मुख्य प्रबन्धक (एच.आर.)

ओ.एन.जी.सी. (सेवा निवृत्त)

अध्यक्ष

प्रिय,

प्रो० के० महाराज कुमारी जी

आपके द्वारा नगर पंचायत दयालबाग में बैक्टीरिया मुक्त विधि से चल शौचालय की उत्कृष्ट स्वच्छता विधि निर्धारित एवं क्रियान्वित करने में जो महत्वपूर्ण तकनीकी योगदान दिया गया वह अत्यंत सराहनीय है। इस नूतन प्रयास को टेक्निकल एडवाइजर नगर विकास मंत्रालय, भारत सरकार, लखनऊ को सूचनार्थ एवं परामर्श हेतु प्रेषित किया गया था। जिसकी उनके द्वारा न केवल प्रशंसा की गई वरन् 25 दिसम्बर, 2018 को लखनऊ में **स्वच्छ वॉर्ड प्रतिस्पर्धा पुरस्कार वितरण समारोह** में नगर पंचायत दयालबाग को नगर विकास विभाग उत्तर प्रदेश द्वारा **"चल शौचालय की सफाई" के लिए तकनीकी नवाचार हेतु** प्रशस्ति पत्र प्रदान करके सम्मानित किया गया (प्रति संलग्न है)।

नगर पंचायत दयालबाग की ओर से हम आपके उक्त तकनीकी सहयोग के लिए विशेष आभार अभिव्यक्त करते हैं।

शुभ कामनाओं सहित

L.P. Mehra
07.01.2019
अध्यक्षा

नगर पंचायत, दयालबाग

अध्यक्षा

नगर पंचायत, दयालबाग
आगरा-5

प्रो० के० महाराज कुमारी
रसायन विभाग, विज्ञान संकाय
डी०ई०आई० (डीम्ड यूनिवर्सिटी)
दयालबाग, आगरा



**Dr. Ranjit Kumar in a meeting of Core Committee of Indian National
Young Academy of Science (INYAS) at INSA, New Delhi, 2018**

Science fair @ Mysuru on 28th June 2018



By: Ranjani, JNCASR, Bangalore,
Pradeep IIT Mandi and
Ranjit Kumar, Department of
Chemistry, DEL, Dayalbagh





**Dr. Ranjit Kumar, Department of Chemistry organized Agra Cantt
Railway station cleaning campaign as a part of NSS activities on 23rd
December, 2018**



उत्तर मध्य रेलवे आगरा मण्डल



स्वच्छता पखवाड़ा प्रशस्ति पत्र

दयालबाग शिक्षण संस्थान के प्रशिक्षक DR. RANJIT
KUMAR द्वारा स्वच्छता पखवाड़ा 2017-18 के
दौरान आगरा कैंट स्टेशन पर दिनांक 19.08.2017 को
स्वच्छता अभियान में भागीदारी के लिए रेल प्रशासन
द्वारा प्रशस्ति-पत्र प्रदान किया जाता है।


(एम.एन.ओझा)
मुख्य वाणिज्य प्रबंधक
उत्तर मध्य रेलवे, इलाहाबाद

R.S.

Date: 08 - Sep - 2018

Regarding Sampling of Oxidation Ponds of Dayalbagh Mohallas

PBn. Radhika, Faculty of Science, DEI has been helping us with the sampling of STP Water. To know the efficiency of Oxidation Ponds of Dayalbagh - Mohallas we would like to send the samples for testing. Request you to please approve for the same.


08.09.18

HOD

Oxidation ponds (4) samples
may pl. be got tested in Chemistry Lab
and analysed for the following parameters.

pH, TDS, TS, BOD & COD.

The samples will be sent, if permitted.

Is Ahuja
TFA (W)

H.O.D.
Dept. of Chemistry.

D.E.I. Dayalbagh.

Line W SD/ 5246/ 8/9/18

Dr Radhika

for the needful pl. - we may do it
16/9/18

Since Oxidation ponds are samples more contaminated w.r.t
S.T.P samples, I would suggest not since the technician
assigned would be handling the samples for the
first time, he should first handle S.T.P samples.
One thing was conveyed to Mr. Murti but it
or we are always pressurized on
health.

Radhika



स्वच्छ वॉर्ड प्रतिस्पर्धा

15 नवम्बर - 15 दिसम्बर, 2018



राज्य स्तरीय पुरस्कार

प्रशस्ति पत्र

प्रमाणित किया जाता है कि
नगर निगम जनपद
उत्तर प्रदेश द्वारा दिनांक 25 दिसम्बर, 2018 को राज्य स्तरीय स्वच्छ वॉर्ड प्रतिस्पर्धा के अन्तर्गत
पुरस्कार दिया जाता है।

प्रमाणित किया जाता है कि
नगर निगम जनपद
उत्तर प्रदेश द्वारा दिनांक 25 दिसम्बर, 2018 को राज्य स्तरीय स्वच्छ वॉर्ड प्रतिस्पर्धा के अन्तर्गत
पुरस्कार दिया जाता है।

स्वच्छता कार्यक्रम में आपके सक्रिय सहयोग की अपेक्षा है।

(अनुराग यादव)

सचिव, नगर विकास/मिशन निदेशक,
स्वच्छ भारत मिशन (नगरीय), उत्तर प्रदेश

(मनोज कुमार सिंह)

प्रमुख अधिकारी,
नगर विकास विभाग, उत्तर प्रदेश

नगर विकास विभाग, उत्तर प्रदेश

Department of Chemistry

Report on MPN Values of Dayalbagh Wells, 2018

	JAN		FEB			MAR		APR		
Well No.	5/1	13/1	1/2	6/2	22/2	8/3	17/3	4/4	12/4	25/4
1	6.1	11	7.4	7.4	7.2	3.6	7.2	7.4	7.2	7.2
2	7.4	7.2	7.2	7.2	7.4	7.4	7.4	3.6	7.4	7.4
3	7.4	7.4	7.4	7.2	9.2	7.4	6.2	7.4	7.2	7.4
4	11	11	7.4	9.2	3.6	11	3.6	7.4	7.4	7.4
5	7.4	3.6	7.4	3.6	7.4	7.2	7.4	3.6	7.4	7.2
6	7.2	7.4	3.6	7.4	9.2	11	7.4	7.2	11	7.2

DB

	MAY			JUNE			AUGUST		SEPTEMBER	
Well No.	5/5	14/5	21/5	26/6	18/6	25/6	9/8	18/8	15/9	25/9
1	7.4	7.2	7.4	7.2	7.4	6.2	7.4	7.2	7.4	7.4
2	7.2	7.4	7.2	7.4	7.2	11	6.1	7.4	11	11
3	7.2	7.4	7.4	6.2	7.4	7.2	9.2	3.6	3.6	7.4
4	3.6	7.2	7.4	11	7.2	7.2	7.2	7.4	7.4	11
5	7.4	11	7.2	3.6	6.2	7.4	11	6.1	7.2	7.4
6	7.2	7.4	11	6.2	6.1	7.4	7.2	7.4	7.2	7.4

	OCTOBER			NOVEMBER			DECEMBER
Well No.	8/10	15/10	25/10	2/11	10/11	16/11	10/12
1	6.1	7.2	9.2	7.2		7.4	7.4
2	7.2	9.2	11	11	7.4	7.4	7.4
3	9.2	7.2	9.2	7.4		3.6	9.2
4	7.2	7.2	11	7.2		6.1	6.1
5	7.2	7.4	9.2	7.2		7.4	6.1
6	3.6	7.4	7.4	7.4		7.2	7.4


Prof. K. Maharaj Kumari


Prof. Sahab Das

Department of Chemistry

Report on MPN VALUES of Dayalbagh Wells , 2017

	January			Feb.	March		April				May			June
Well Number	11/1	20/1	27/1	20/2	3/3	22/3	1/4	10/4	19/4	26/4	2/5	12/5	18/5	30/6
1	3	7.2	7.4	6.1	7.4	7.2	9.2	7.2	7.4	3	7.2	11	7.2	6.1
2	3	11	3.6	6.2	11	7.2	11	7.4	7.2	7.4	11	7.4	7.4	7.4
3	7.2	6.1	7.2	3.6	9.2	7.4	9.2	7.4	11	6.1	7.2	7.4	7.2	7.2
4	3.6	7.2	3	3.0	7.4	11	7.2	3.6	7.4	7.2	7.4	7.2	7.2	7.2
5	11	7.2	7.4	7.2	7.2	3.6	11	7.2	7.2	11	7.4	3.6	7.2	7.4
6	7.4	7.4	7.2	3.0	7.2	7.2	9.2	6.1	7.2	3.6	7.2	7.2	7.4	3

	July			August				October			December	
Well Number	10/7	19/7	27/7	4/8	12/8	21/8	30/8	7/10	20/10	8/10	1/12	18/12
1	7.2	7.4	7.2	7.2	6.1	11	7.4	3.6	3.6	7.4	7.2	7.4
2	7.4	7.2	7.4	7.2	7.4	6.1	7.4	7.4	7.4	3.6	3.6	7.4
3	7.2	9.2	11	11	11	7.2	7.2	7.2	7.4	3.6	7.4	7.2
4	11	7.4	7.2	11	7.2	9.2	7.2	6.1	11	7.2	6.1	11
5	7.2	3.6	7.4	6.1	7.4	7.4	11	7.4	3.6	7.4	7.4	11
6	11	11	7.4	7.2	11	6.2	3.6	3.6	7.4	7.4	11	3.6

Maharaj Kumari

Prof. K Maharaj Kumari

Sahab Dass

Prof. Sahab Dass

DAYALBAGH EDUCATIONAL INSTITUTE
DEPARTMENT OF CHEMISTRY

Date: 27th March 2017

Results of Chemical Analysis of Treated Water from STP

Samples collected on 22-03-2017

Sample collection site	pH	TDS (g/L)	BOD (mg/L)	COD (mg/L)
Reactor Inlet at STP	7.5	3.28	290	470
Polishing Tank of STP	7.3	2.16	230	356
Outlet of STP	7.2	1.98	180	215


Dr. Radhika Singh 30/3/17
Department of Chemistry


Prof. Sahab Dass
Head, Department of Chemistry


Prof. Ravindra Kumar
Dean, Department of Chemistry

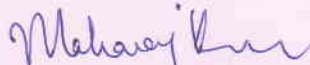
Department of Chemistry

Report on MPN Values of Dayalbagh Wells, 2016

	JANUARY		FEBRUARY	MARCH			APRIL			MAY	
Well No.	9/1	20/1	22/2	2/3	14/3	24/3	1/4	8/4	16/4	3/5	20/5
1	7.4	11	7.4	7.4	7.4	6.1	6.1	3.6	7.4	3.6	7.2
2	9.2									7.4	
3	7.2	7.4	7.4	3.6	3.6	3	3.6	7.2	6.1	11	7.4
4	9.2	11	7.2	11	9.2	7.2	7.4	7.2	3.6	6.2	7.4
5	7.2	7.2	11	7.2	11	11	3.6	3.6	7.2	7.4	7.2
6	6.2	7.4	7.2	7.2	7.2	7.2	7.4	7.2	3	7.2	7.2
7	9.4	3.6	7.4	7.2	6.2	7.2	9.2	7.2	7.4	-	3.6

	JUNE	JULY		AUGUST			SEPTEMBER			OCTOBER			
Well No.	29/6	9/7	21/7	6/8	12/8	22/8	3/9	9/9	24/9	1/10	8/10	19/10	26/10
1	7.4	11	11	11	7.2	7.2	7.4	7.4	7.4	11		7.2	3.6
2	7.2	7.4	3.6								7.2	3.6	
3	-			7.2	7.4	7.4	6.2	7.2		6.1			7.4
4	-									6.1	11	9.2	7.4
5	7.2	7.4	7.4	7.2	7.4	3.6	11	7.2	7.4	6.1	7.2	7.4	9.2
6	7.4	7.4	3.6	6.2	11	11	7.4	11	9.2	3.6	9.2	7.4	7.2
7	7.4	7.2	7.2	7.2	7.2	7.4	6.1	7.4	9.2	7.2	7.2	11	3.6

	NOVEMBER	DECEMBER			
Well No.	4/11	3/12	10/12	16/12	29/12
1	7.2	7.4	9.2	9.2	7.2
2	6.1	7.2	7.2	7.4	11
3		7.2	7.4	11	7.2
4	9.2	7.4	7.4	7.2	11
5	11	7.2	7.4	7.4	7.4
6	3.6	7.2	7.2	7.4	7.2
7	7.4				


Prof. K. Maharaj Kumari


Prof Sahab Dass

DAYALBAGH EDUCATIONAL INSTITUTE
DEPARTMENT OF CHEMISTRY

Date: 20th Sep 2016

Results of Chemical Analysis of Treated Water from STP

Samples collected on 10-09-2016

Sample collection site	pH	TDS (g/L)	BOD (mg/L)	COD (mg/L)
Reactor Inlet at STP	8.4	3.48	365	480
Polishing Tank of STP	8.2	2.56	310	374
Outlet of STP	8.1	2.08	180	228



Dr. Radhika Singh

Department of Chemistry



Prof. Sahab Dass

Head, Department of Chemistry



Prof. Ravindra Kumar

Dean, Department of Chemistry



DAYALBAGH EDUCATIONAL INSTITUTE
(DEEMED UNIVERSITY)
DAYALBAGH
AGRA - 282 005, UP (INDIA)

Phone: 0562-2801545, Fax: 0562-2801226
website : - <http://www.dei.ac.in>

Date: 20th March '2015

Results of Chemical Analysis of Treated Water from STP

Samples collected on 19-02-2015

Sample Collection Site	pH	BOD (mg/L)
Reactor Inlet at STP	7.9	120
Polishing Tank of STP	7.6	75
Outlet of STP	7.3	45

Samples collected on 14-03-2015

Sample Collection Site	pH	BOD (mg/L)
Reactor Inlet at STP	7.6	125
Polishing Tank of STP	7.5	85
Outlet of STP	7.2	45

Radhika Singh
Dr. Radhika Singh 20/3/15
Department of Chemistry

Sahab Das
Prof. Sahab Das 20/3/15
Head, Department of Chemistry

Ravindra Kumar
Prof Ravindra Kumar
Dean, Faculty of Science



Regd. No.

8/11/17

for Geo

कार्यालय मुख्य अभियन्ता (आगरा क्षेत्र), उ० प्र० जल निगम,

4/4, संजय प्लेस, आगरा।

पत्रांक 4519 / 48

दिनांक: 24.10.2017

महाप्रबन्धक,
यमुना प्रदूषण नियन्त्रण इकाई,
उत्तर प्रदेश जल निगम,
आगरा।

शीर्ष प्राथमिकता/ई-मेल

विषय :- जगनपुर स्थित 14 एम.एल.डी.-एस.टी.पी. के इन्फ्लूएन्ट एवम् एफ्लूएन्ट के पैरा जॉच के सम्बन्ध में।

उपरोक्त विषयक अधोहस्ताक्षरी को कतिपय सूचना के आधार पर जानकारी प्राप्त कि जगनपुर स्थित 14 एम.एल.डी. क्षमता के एस.टी.पी. के एफ्लूएन्ट की गुणता निर्धारित मानकों व नहीं है। इस सम्बन्ध में निर्देश दिये जाते हैं कि उ०प्र० प्रदूषण नियन्त्रण बोर्ड (यू.पी.पी.सी.बी.), उ० निगम एवम् श्री. बी.एस. आहूजा, चीफ इंजीनियर, दयालबाग सोसाइटी के मध्य संयुक्त सैम्पलिंग उपरोक्त एस.टी.पी. के इन्फ्लूएन्ट एवम् एफ्लूएन्ट के विभिन्न पैरामीटर्स की जॉच रिपोर्ट एक र अन्दर अधोहस्ताक्षरी को प्रस्तुत करना सुनिश्चित करें। इस सम्बन्ध में आपको दूरभाष पर भी मार्गदर्शन दिया जा चुका है।

(आर.के. गर्ग)
मुख्य अभियन्ता

यू०प्र० एवम् दिनांक उपरोक्तानुसार।

प्रतिलिपि श्री रमन, मा० सदस्य अनुश्रवण समिति (मा० उच्चतम न्यायालय) को सूचन।

आवश्यक कार्यवाही हेतु प्रेषित।

प्रतिलिपि श्री बी.एस. आहूजा, चीफ इंजीनियर, दयालबाग सोसाइटी, आगरा को सूचन।

आवश्यक कार्यवाही हेतु प्रेषित।

3. प्रतिलिपि परियोजना प्रबन्धक, निर्माण इकाई/यमुना प्रदूषण नियन्त्रण इकाई, उ०प्र० जल निगम को सूचनार्थ एवम् उपरोक्तानुसार आवश्यक कार्यवाही सुनिश्चित करने हेतु प्रेषित।

WSD4869

7.11.17

Joint Samplings will be collected from Jagannpur STP for testing in the lab.

Pp. allow to test these samples in D.E.I. Chemistry Lab

Director D.E.I

मुख्य अभियन्ता

7-11-2017

Day Boarding School JEE – 2020 Coaching

Subject: Chemistry

Schedule for Tests & Discussion (June 30 – September 30, 2019)

Date	Topic	Teacher
June 30, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • CHEMISTRY: HISTORICAL BACKGROUND • ATOMIC STRUCTURE (Reference: Unit 1 of ICH 101)	Dr. Anita Lakhani
July 1, 2019	Mock Test 1	Dr. Anita Lakhani
July 14, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • CHEMISTRY: HISTORICAL BACKGROUND • ATOMIC STRUCTURE (Reference: Unit 1 of ICH 101)	Dr. Anita Lakhani
July 15, 2019	Mock Test 2	Dr. Anita Lakhani
July 21, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • THERMODYNAMICS • OXIDATION - REDUCTION REACTIONS (Reference: Unit 4 of ICH 101)	Prof. Rohit Shrivastav
July 22, 2019	Mock Test 3	Prof. Rohit Shrivastav
July 28, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • THERMODYNAMICS • OXIDATION - REDUCTION REACTIONS (Reference: Unit 4 of ICH 101)	Prof. Rohit Shrivastav
July 29, 2019	Mock Test 4	Prof. Rohit Shrivastav
Aug 4, 2011	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • PRINCIPLES RELATED TO PRACTICAL CHEMISTRY (Reference: JEE Syllabus and Unit 5 of ICH 401)	Dr. Manju Srivastava
Aug 5, 2019	Mock Test 5	Dr. Manju Srivastava
Aug 11, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • PRINCIPLES RELATED TO PRACTICAL CHEMISTRY (Reference: JEE Syllabus and Unit 5 of ICH 401)	Dr. Manju Srivastava
Aug 12, 2019	Mock Test 6	Dr. Manju Srivastava
Aug 18, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • CHEMICAL EQUILIBRIUM • IONIC EQUILIBRIUM (Reference: Unit 5 of ICH 101)	Prof. Rohit Shrivastav
Aug 19, 2019	Mock Test 7	Prof. Rohit Shrivastav
Sep 1, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • BASIC PRINCIPLES: ORGANIC COMPOUNDS	Prof. K. Maharaj Kumari

	(Reference: Unit 3 of ICH 201)	
Sep 2, 2019	Mock Test 8	Prof. K. Maharaj Kumari
Sep 8, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • BASIC PRINCIPLES: ORGANIC COMPOUNDS (Reference: Unit 3 of ICH 201)	Prof. K. Maharaj Kumari
Sep 9, 2019	Mock Test 9	Prof. K. Maharaj Kumari
Sep 15, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • ENVIRONMENTAL CHEMISTRY (Reference: Unit 5 of ICH 201)	Dr. Anita Lakhani
Sep 16, 2019	Mock Test 10	Dr. Anita Lakhani
Sep 22, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • ENVIRONMENTAL CHEMISTRY (Reference: Unit 5 of ICH 201)	Dr. Anita Lakhani
Sep 23, 2019	Mock Test 11	Dr. Anita Lakhani
Sep 29, 2019	Discussions on previously held Test and the topic(s) of next-scheduled Test <u>Topics:</u> • POLYMERS • BIOMOLECULES (Reference: Unit 4 of ICH 401)	Dr. Manju Srivastava
Sep 30, 2019	Mock Test 12	Dr. Manju Srivastava

Time:

- To discuss previously held Test and provide an overview of the next-test topic(s): 10 a.m. – 11 a.m.
- To hold the Test: 5 p.m. – 6 p.m.

Day Boarding School JEE – 2019 Coaching

Subject: Chemistry

Schedule for Tests & Discussion (January-March, 2019)

Date	Topic	Teacher
Jan. 20, 2019	Mock Test 20 <u>Topics:</u> • PRINCIPLES RELATED TO PRACTICAL CHEMISTRY (Reference: JEE Syllabus and Unit 5 of ICH 401)	Dr. Manju Srivastava
Jan. 21, 2019	Discussion on Mock Test 20	Dr. Manju Srivastava
Jan. 27, 2019	Mock Test 21 <u>Topics:</u> • POLYMERS • BIOMOLECULES (Reference: Unit 4 of ICH 401)	Dr. Manju Srivastava
Jan. 28, 2019	Discussion on Mock Test 21	Dr. Manju Srivastava
Feb. 3, 2019	Mock Test 22 <u>Topics:</u> • SOLID STATE CHEMISTRY (Reference: Unit 1 of ICH 301)	Dr. Anita Lakhani
Feb. 4, 2019	Discussion on Mock Test 22	Dr. Anita Lakhani
Feb. 17, 2019	Mock Test 23 <u>Topics:</u> • CHEMICAL KINETICS • ELECTROCHEMISTRY (Reference: Units 2 and 3 of ICH 301)	Prof. Rohit Shrivastav
Feb. 18, 2019	Discussion on Mock Test 23	Prof. Rohit Shrivastav
Feb. 24, 2019	Mock Test 24 <u>Topics:</u> • CARBOXYLIC ACIDS (Reference: Unit 3 of ICH 401)	Dr. Aparna Satsangi
Feb. 25, 2019	Discussion on Mock Test 24	Dr. Aparna Satsangi
Mar. 3, 2019	Mock Test 25 <u>Topics:</u> • ETHERS (Reference: Unit 2 of ICH 401)	Dr. Aparna Satsangi
Mar. 4, 2019	Discussion on Mock Test 25	Dr. Aparna Satsangi
Mar. 10, 2019	Mock Test 26 <u>Topics:</u> • HYDROGEN • s-BLOCK ELEMENTS (Reference: Unit 1 of ICH 201)	Dr. Pushpa Sahni
Mar. 11, 2019	Discussion on Mock Test 26	Dr. Pushpa Sahni
Mar. 17, 2019	Mock Test 27 <u>Topics:</u> • p-BLOCK ELEMENTS – I • p-BLOCK ELEMENTS – II (Reference: Unit 4 of ICH 301)	Dr. Pushpa Sahni
Mar. 18, 2019	Discussion on Mock Test 27	Dr. Pushpa Sahni

Mar. 31, 2019	Mock Test 28 Topics: • HALOALKANES, HALOARENES (Reference: Unit 1 of ICH 401)	Prof. K. Maharaj Kumari
Apr. 1, 2019	Discussion on Mock Test 28	Prof. K. Maharaj Kumari

Time: **For Test: 10 a.m. – 11 a.m.** **For Discussion: 5 p.m. – 6 p.m.**

Day Boarding School JEE – 2018 Coaching

Subject: Chemistry

Schedule for Tests & Discussion (November, 2017)

Date	Topic	Teacher
November 7, 2017 #	Mock Test 17 Topics: • HYDROGEN • s-BLOCK ELEMENTS (Reference: Unit 1 of ICH 201)	Dr. Pushpa Sahni
November 7, 2017 #	Discussion on Mock Test 17	Dr. Pushpa Sahni
November 14, 2017 #	Mock Test 18 Topics: • CARBOXYLIC ACIDS (Reference: Unit 3 of ICH 401)	Dr. Radhika Singh
November 14, 2017 #	Discussion on Mock Test 18	Dr. Radhika Singh
November 21, 2017 #	Mock Test 19 Topics: • CARBOXYLIC ACIDS (Reference: Unit 3 of ICH 401)	Dr. Radhika Singh
November 21, 2017 #	Discussion on Mock Test 19	Dr. Radhika Singh
November 26, 2017	Mock Test 20 Topics: • ETHERS (Reference: Unit 2 of ICH 401)	Dr. Radhika Singh
November 28, 2017	Discussion on Mock Test 20	Dr. Radhika Singh

Due to a sport activity fixed on Sundays in Dayalbagh, first 3 Tests of the month have been rescheduled on week days (subject-wise, Monday – Wednesday). Accordingly, the concerned teachers are requested to hold the test for 30 min (starting from 5.00 p.m.) and then discuss it on the same day in the next 30 min.

Prof. Rohit Shrivastav
Course Coordinator

Day Boarding School JEE – 2016 Coaching
Subject: Chemistry

Schedule for Tests & Discussion (December, 2015 – March, 2016)

Date	Topic	Teacher
December 6, 2015	Mock Test 12 Topics: • CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES • STATES OF MATTER • CHEMICAL BONDING AND MOLECULAR STRUCTURE (Reference: Units 2 and 3 of ICH 101)	Dr. Pushpa Sahni
December 8, 2015	Discussion on Mock Test 12	Dr. Pushpa Sahni
December 13, 2015	Mock Test 13 Topics: • ALKENES (Reference: Unit 4 of ICH 201)	Prof. K.M. Kumari
December 15, 2015	Discussion on Mock Test 13	Prof. K.M. Kumari
December 20, 2015	Mock Test 14 Topics: • ALKYL HALIDES (Reference: Unit 4 of ICH 201)	Prof. K.M. Kumari
December 22, 2015	Discussion on Mock Test 14	Prof. K.M. Kumari
December 27, 2015	Mock Test 15 Topics: • p-BLOCK ELEMENTS (Reference: Unit 4 of ICH 301)	Dr. Pushpa Sahni
December 29, 2015	Discussion on Mock Test 15	Dr. Pushpa Sahni
January 3, 2016	Mock Test 16 Topics: • GENERAL PRINCIPLES OF IDENTIFICATION AND ISOLATION OF ELEMENTS (Reference: Unit 5 of ICH 301)	Dr. Anita Lakhani
January 5, 2016	Discussion on Mock Test 16	Dr. Anita Lakhani
January 24, 2016	Mock Test 17 Topics: • d-BLOCK AND f-BLOCK ELEMENTS (Reference: Unit 5 of ICH 301)	Dr. Pushpa Sahni
January 26, 2016	Discussion on Mock Test 17	Dr. Pushpa Sahni
February 7, 2016	Mock Test 18 Topics: • SOLID STATE CHEMISTRY • SURFACE CHEMISTRY (Reference: Units 1 and 2 of ICH 301)	Dr. Anita Lakhani
February 9, 2016	Discussion on Mock Test 18	Dr. Anita Lakhani
February 14, 2016	Mock Test 19 Topics: • ALCOHOLS, PHENOLS • ALDEHYDES, KETONES	Prof. K.M. Kumari

	(Reference: Units 2 and 3 of ICH 401)	
February 16, 2016	Discussion on Mock Test 19	Prof. K.M. Kumari
February 21, 2016	Mock Test 20 <u>Topics:</u> • CARBOXYLIC ACIDS • ETHERS (Reference: Units 2 and 3 of ICH 401)	Dr. Radhika Singh
February 23, 2016	Discussion on Mock Test 20	Dr. Radhika Singh
March 6, 2016	Mock Test 21 <u>Topics:</u> • POLYMERS • BIOMOLECULES (Reference: Unit 4 of ICH 401)	Dr. Radhika Singh
March 8, 2016	Discussion on Mock Test 21	Dr. Radhika Singh
March 13, 2016	Mock Test 22 <u>Topics:</u> • VITAMINS • CHEMISTRY IN EVERYDAY LIFE (Reference: Unit 5 of ICH 401)	Dr. Radhika Singh
March 15, 2016	Discussion on Mock Test 22	Dr. Radhika Singh
March 20, 2016	Mock Test 23 <u>Topics:</u> • SOLUTIONS • CHEMICAL KINETICS (Reference: Units 1 and 2 of ICH 301)	Prof. Rohit Shrivastav
March 22, 2016	Discussion on Mock Test 23	Prof. Rohit Shrivastav
March 27, 2016	Mock Test 24 <u>Topics:</u> • ELECTROCHEMISTRY (Reference: Unit 3 of ICH 301)	Prof. Rohit Shrivastav
March 29, 2016	Discussion on Mock Test 24	Prof. Rohit Shrivastav

Day Boarding School JEE – 2015 Coaching
Subject: Chemistry

Schedule for Tests & Discussions

October 5, 2014	Mock Test 11 <u>Topics:</u> • NOMENCLATURE OF ORGANIC COMPOUNDS	Prof. K.M. Kumari
October 7, 2014	Discussion on Mock Test 11	Prof. K.M. Kumari
October 19, 2014	Mock Test 12 <u>Topics:</u> • ALDEHYDES AND KETONES • CARBOXYLIC ACIDS • GRIGNARD REAGENT	Prof. K.M. Kumari
October 21, 2014	Discussion on Mock Test 12	Prof. K.M. Kumari
October 26, 2014	Mock Test 13 <u>Topics:</u> • CHEMICAL EQUILIBRIUM • IONIC EQUILIBRIUM	Prof. Rohit Shrivastav
October 28, 2014	Discussion on Mock Test 13	Prof. Rohit Shrivastav
November 2, 2014	Mock Test 14 <u>Topics:</u> • ALKYL HALIDES • ETHER	Dr. Pushpa Sahni
November 4, 2014	Discussion on Mock Test 14	Dr. Pushpa Sahni
November 9, 2014	Mock Test 15 <u>Topics:</u> • ETHER • ALCOHOLS	Dr. Pushpa Sahni
November 11, 2014	Discussion on Mock Test 15	Dr. Pushpa Sahni
November 16, 2014	Mock Test 16 <u>Topics:</u> • AROMATIC HYDROCARBONS • OUR FOOD AND ITS CONSTITUTION	Dr. Pushpa Sahni
November 18, 2014	Discussion on Mock Test 16	Dr. Pushpa Sahni
November 23, 2014	Mock Test 17 <u>Topics:</u> • CHEMICAL KINETICS • SOLID STATE	Dr. Anita Lakhani
November 25, 2014	Discussion on Mock Test 17	Dr. Anita Lakhani
November 30, 2014	Mock Test 18 <u>Topics:</u> • THERMODYNAMICS & THERMOCHEMISTRY • SOLUTIONS AND COLLIGATIVE PROPERTIES	Prof. Rohit Shrivastav
December 2, 2014	Discussion on Mock Test 18	Prof. Rohit Shrivastav

Prof. Rohit Shrivastav
Coordinator

Summer School in Science for High School Students (SCI-HIGH 2019)

(with Engineering Science Quest @ Workshops)

March 18 - March 23, 2019

PROGRAMME

Date / Time	Title of Talk	Speaker
MONDAY, MARCH 18		
9.00 – 10.20	Quantum and Nano Computing	Vishal Sahni
10.20 – 11.00	Avenues in Civil Engineering	V. Soami Das
11.00 – 11.40	Green Chemistry	Pushpa Sahni
11.40 - 12.30	Engineering Science Quest @ Workshop on 15-channel MEG System	
TUESDAY, MARCH 19		
9.00 am – 12.30 pm	Engineering Science Quest @ Workshop on 3D Printing at Quantum Jugaad	Rahul Swarup Sharma
WEDNESDAY, MARCH 20		
9.00 – 9.40	Internet of Things and Multimedia Technologies	Gursaran
9.40 – 10.20	Human Physiology and Aspects of Medical Science	Vijai Kumar
10.20 - 11.00	Green Energy : Solar Thermal Power	A.K. Saxena
11.00 – 11.40	Green Energy : Solar Power	D. Bhagwan Das
11.40 – 12.20	Engineering Science Quest @ Workshop on Solar Power Plant at QN Centre	
FRIDAY, MARCH 22 (Quantum Jugaad)		
9.00 – 9.40	Computer Science : Past, Present and Future	C. Patvardhan
9.40 – 10.20	Computer Vision	PK Kalra, IITD
10.20 - 11.00	Opportunities and Frontiers in Life Sciences	Soam Prakash
11.00 – 11.40	Soft Computing and Robotics	Sandeep Paul
11.40 – 12.20	Computer Networks	Ratan Saini
SATURDAY, MARCH 23 (Quantum Jugaad)		
9.00 – 9.40	Consciousness: The Final Frontier of Science	Sukhdev Roy
9.40 – 10.20	VLSI Technologies	C.M. Markan
10.20 - 11.00	Earth Sciences	Anand Mohan
11.00 – 11.40	Quantum Field Theory	Sonali Bhatnagar
11.40 - 12.20	How Automobiles Work	Rajat Setia

Summer School in Science for High School Students (SCI-HIGH 2018)

(with Engineering Science Quest @ Workshops)

February 26 - March 5, 2018

PROGRAMME

Date / Time	Title of Talk	Speaker
MONDAY, FEBRUARY 26		
10.00 – 10.40	Avenues in Civil Engineering	S.P. Mathur
10.40 – 11.20	What is Quantum Computing?	Dayal P Srivastava
11.20 – 12.00	3D Printing Technologies	Rahul Swarup Sharma
12.00 - 2.00	Engineering Science Quest @ Workshop on 3D Printing (Part 1)	
TUESDAY, FEBRUARY 27		
10.00 – 10.40	Nanotechnology and Nanocomputing	Vishal Sahni
10.40 – 11.20	Internet of Things and Multimedia Technologies	Gursaran
11.20 – 2.00	Engineering Science Quest @ Workshop on 3D Printing (Part 2)	
WEDNESDAY, FEBRUARY 28		
10.00 – 10.40	Grand Challenges in Science and Technology	Sukhdev Roy
10.40 – 11.20	Soft Computing and Robotics	Sandeep Paul
11.20 - 12.00	Green Chemistry	Pushpa Sahni
12.00 – 12.40	Human Physiology and Aspects of Medical Science	Vijai Kumar
12.40 – 1.20	Computer Science : Past, Present and Future	C. Patvardhan
1.20 – 2.00	How Automobiles Work	Arsh Dhir
THURSDAY, MARCH 1		
10.00 – 10.40	Quantum Field Theory	Sonali Bhatnagar
10.40 – 11.20	Earth Sciences	Anand Mohan
11.20 - 12.00	Green Energy : Solar Thermal Power	A.K. Saxena
12.00 – 12.40	Green Energy : Solar Power	D. Bhagwan Das
12.40 – 2.00	Engineering Science Quest @ Workshop on Solar Power Plant at QN Centre	
SATURDAY, MARCH 3		
10.00 – 10.40	Opportunities and Frontiers in Life Sciences	Soam Prakash
10.40 – 11.20	VLSI Technologies	C.M. Markan
11.20 - 12.00	Computer Vision	PK Kalra, IITD
12.00 – 2.00	Engineering Science Quest @ Workshop on 15-channel MEG System	
MONDAY, MARCH 5		
4.00-5.00 (tentative)	VALEDICTORY SESSION	

Summer School in Science for High School Students (SCI-HIGH 2017)

(with Engineering Science Quest @ Workshops)

March 14 – 23, 2017

PROGRAMME

Date / Time	Title of Talk	Speaker
TUESDAY, MARCH 14		
9.00 – 9.40	Avenues in Civil Engineering	S.P. Mathur
9.40 – 10.20	What is Quantum Computing?	Dayal P Srivastava
10.20 – 11.00	3D Printing Technologies	Rahul Swarup Sharma
11.00 - 1.00	Engineering Science Quest @ Workshop on 3D Printing (Part 1)	
WEDNESDAY, MARCH 15		
9.00 – 9.40	Nanotechnology and Nanocomputing	Vishal Sahni
9.40 – 10.20	Internet of Things and Multimedia Technologies	Gursaran
10.20 – 1.00	Engineering Science Quest @ Workshop on 3D Printing (Part 2)	
THURSDAY, MARCH 16		
9.00 – 9.40	Grand Challenges in Science and Technology	Sukhdev Roy
9.40 – 10.20	Soft Computing and Robotics	Sandeep Paul
10.20 - 11.00	Green Chemistry	Pushpa Sahni
11.00 – 11.40	Human Physiology and Aspects of Medical Science	Vijai Kumar
11.40 – 12.20	How Automobiles Work	Arsh Dhir
12.20 – 1.00	Computer Science : Past, Present and Future	C. Patvardhan
FRIDAY, MARCH 17		
9.00 – 9.40	Quantum Field Theory	Sonali Bhatnagar
9.40 – 10.20	Earth Sciences	Anand Mohan
10.20 - 11.00	Green Energy : Solar Thermal Power	A.K. Saxena
11.00 – 11.40	Green Energy : Solar Power	D. Bhagwan Das
11.40 – 1.00	Engineering Science Quest @ Workshop on Solar Power Plant at QN Centre	
SATURDAY, MARCH 18		
9.00 – 9.40	Opportunities and Frontiers in Life Sciences	P.K. Dantu
9.40 – 10.20	VLSI Technologies	C.M. Markan
10.20 - 11.00	Computer Vision	PK Kalra, IITD
11.00 – 1.00	Engineering Science Quest @ Workshop on 15-channel MEG System	
THURSDAY, MARCH 23		
3.30-4.15	VALEDICTORY SESSION Chief Guest : Prof. S.S. Prabhu, IIIT Bangalore (Title of Talk : Everybody needs EI*, especially Nerds) *Emotional Intelligence	

Summer School in Science for High School Students (SCI-HIGH 2016)

(with Engineering Science Quest @ Workshops)

March 21 – April 1, 2016

PROGRAMME

Date / Time	Title of Talk	Speaker
MONDAY, MARCH 21		
9.00 – 9.40	Computer Science : Past, Present and Future	C. Patvardhan
9.40 – 10.20	Internet and Multimedia Technologies	Gursaran
10.20 – 11.00	3D Printing Technologies	Rahul Swarup Sharma
11.00 - 1.00	Engineering Science Quest @ Workshop on 3D Printing (Part 1)	
TUESDAY, MARCH 22		
9.00 – 11.40	Engineering Science Quest @ Workshop on 3D Printing (Part 2)	
11.40 – 12.20	Nanotechnology and Nanocomputing	Vishal Sahni
12.20 – 1.00	Nuclear Power	R.C. Sinha
THURSDAY, MARCH 24		
9.00 – 9.40	Green Chemistry	Pushpa Sahni
9.40 – 10.20	How Automobiles Work	Arsh Dhir
10.20 - 11.00	Computer Networks	Ratan Saini
11.00 – 11.40	What is Quantum Computing?	Dayal P Srivastava
11.40 – 12.20	Grand Challenges in Science and Technology	Sukhdev Roy
12.20 – 1.00	Computer Vision	PK Kalra, IITD
FRIDAY, MARCH 25		
9.00 – 9.40	VLSI Technologies	C.M. Markan
9.40 – 10.20	Earth Sciences	Anand Mohan
10.20 - 11.00	Green Energy : Solar Thermal Power	A.K. Saxena
11.00 – 11.40	Green Energy : Solar Power	D. Bhagwan Das
11.40 – 1.00	Engineering Science Quest @ Workshop on Solar Power Plant at QN Centre	
SATURDAY, MARCH 26		
9.00 – 9.40	Opportunities and Frontiers in Life Sciences	P.K. Dantu
9.40 – 10.20	Quantum Field Theory	Sonali Bhatnagar
10.20 - 11.00	Human Physiology and Aspects of Medical Science	Vijai Kumar
11.00 – 1.00	Engineering Science Quest @ Workshop on 15-channel MEG System	
FRIDAY, APRIL 1		
4.00-4.45	VALEDICTORY SESSION	

Summer School in Science for High School Students (SCI-HIGH 2015)

March 2-9, 2015

BATCH A – PV Inter College Girls

BATCH B – REI Inter College Boys

PROGRAMME

Date / Time	Title of Talk	Speaker	Batch
MONDAY, MARCH 2			
9.00 – 9.40	Computer Science : Past, Present and Future	C. Patvardhan	A,B
9.40 – 10.20	Internet and Multimedia Technologies	Gursaran	A,B
10.20 - 11.00	Human Physiology and Aspects of Medical Science	Vijai Kumar	A,B
11.00 – 11.40	Earth Sciences	Anand Mohan	A,B
11.40 – 12.20	Green Energy : Solar Power	D. Bhagwan Das	A,B
12.20 – 12.40	<i>Lab Visit : Solar Power Plant at QN Centre</i>		A
TUESDAY, MARCH 3			
9.00 – 9.40	Nanotechnology and Nanocomputing	Vishal Sahni	A,B
9.40 – 10.20	Nuclear Power	R.C. Sinha	A,B
10.20 - 11.00	VLSI Technologies	C.M. Markan	A,B
11.00 – 11.40	Opportunities and Frontiers in Life Sciences	P.K. Dantu	A,B
11.40 – 12.20	How Automobiles Work	Arsh Dhir	A,B
12.20 – 12.40	<i>Lab Visit : Magnetically Shielded Room</i>		A
WEDNESDAY, MARCH 4			
9.00 – 9.40	Green Chemistry	Pushpa Sahni	A,B
9.40 – 10.20	Making Light Work: From Photon to Photonics	Sukhdev Roy	A,B
10.20 - 11.00	Computer Networks	Ratan Saini	A,B
11.00 – 11.40	Computer Vision	PK Kalra, IITD	A,B
11.40 – 12.20	What is Quantum Computing?	Dayal P Srivastava	A,B
THURSDAY, MARCH 5			
9.00 – 9.40	Virtual Instrumentation & 3D Printing	R.S. Sharma	A,B
9.40 – 10.00	<i>Lab Visit : Magnetically Shielded Room</i>		B
SATURDAY, MARCH 7			
9.00 – 9.40	Green Energy : Solar Thermal Power	A.K. Saxena	A,B
9.40 – 10.00	<i>Lab Visit : Solar Power Plant at QN Centre</i>		B
MONDAY, MARCH 9			
12.00-12.45	VALEDICTORY SESSION Chief Guest : Prof. S.C. Dutta Roy Former Professor of Elect. Engg., IIT Delhi (Title of Talk : The Road Ahead)		A,B

Summer School in Science for High School Students (SCI-HIGH 2014)

March 20-27, 2014

BATCH A – PV Inter College Girls

BATCH B – REI Inter College Boys

PROGRAMME

Date / Time	Title of Talk	Speaker	Batch
THURSDAY, MARCH 20			
9.00 – 9.40	Computer Science : Past, Present and Future	C. Patvardhan	A,B
9.40 – 10.20	Internet and Multimedia Technologies	Gursaran	A,B
10.20 - 11.00	Human Physiology and Aspects of Medical Science	Vijai Kumar	A,B
11.00 – 11.40	Earth Sciences	Anand Mohan	A,B
11.40 – 12.20	Virtual Labs	R.S. Sharma	A,B
12.20 – 1.00	Making Light Work: From Photon to Photonics	Sukhdev Roy	A,B
FRIDAY, MARCH 21			
9.00 – 9.40	Nanotechnology and Nanocomputing	Vishal Sahni	A,B
9.40 – 10.20	Nuclear Power	R.C. Sinha	A,B
10.20 - 11.00	VLSI Technologies	CM Markan	A,B
11.00 – 11.40	Opportunities and Frontiers in Life Sciences	S.S. Bhojwani	A,B
11.40 – 12.20	How Automobiles Work	Arsh Dhir	A,B
12.20 – 12.40	<i>Lab Visit : Magnetically Shielded Room</i>		A
12.40 – 1.00	<i>Lab Visit : Magnetically Shielded Room</i>		B
SATURDAY, MARCH 22			
9.00 – 9.40	Green Chemistry	Pushpa Sahni	A,B
9.40 – 10.20	Scientific Instrumentation	Soami Piara	A,B
10.20 - 11.00	Computer Networks	Ratan Saini	A,B
11.00 – 11.40	Computer Vision	PK Kalra, IITD	A,B
11.40 – 12.40	VIDEO TALK : How Advances in Science are made	D.Osherooff, Stanford (Nobel Laureate)	A,B
MONDAY, MARCH 24			
8.00 – 8.40	Green Energy : Solar Power	D. Bhagwan Das	A,B
8.40 – 9.00	<i>Lab Visit : Solar Power Plant at QN Centre</i>		A
TUESDAY, MARCH 25			
8.00 – 8.40	Green Energy : Solar Thermal Power	A.K. Saxena	A,B
8.40 – 9.00	<i>Lab Visit : Solar Power Plant at QN Centre</i>		B
WEDNESDAY, MARCH 26			
8.00 – 8.40	What is Quantum Computing?	Dayal P Srivastava	A,B
THURSDAY, MARCH 27			
12.00-12.45	VALEDICTORY SESSION Chief Guest : Prof. H.P. Khincha Former Vice-Chancellor, Visvesvaraya Technological University (Title of Talk : <i>Energy - Future Possibilities</i>)		A,B

Summer School in Science for High School Students (SCI-HIGH 2013)

April 8-13, 2013

BATCH A – PV Inter College Girls

BATCH B – REI Inter College Boys

PROGRAMME

Date / Time	Title of Talk	Speaker	Batch
MONDAY, APRIL 8			
7.00 – 7.40	Computer Science : Past, Present and Future	C. Patvardhan	A,B
7.40 – 8.20	Internet and Multimedia Technologies	Gursaran	A,B
8.20 - 9.00	Human Physiology and Aspects of Medical Science	Vijai Kumar	A,B
TUESDAY, APRIL 9			
7.00 - 7.40	Scientific Instrumentation	Soami Piara	A,B
7.40 - 8.20	Nanotechnology and Nanocomputing	Vishal Sahni	A,B
8.20 - 9.00	VLSI Technologies	CM Markan	A,B
9.00 - 9.20	<i>Lab Visit : Magnetically Shielded Room</i>		A
9.20 - 9.40	<i>Lab Visit : Magnetically Shielded Room</i>		B
WEDNESDAY, APRIL 10			
7.00 - 7.40	Green Chemistry	Pushpa Sahni	A,B
7.40 - 8.20	Green Energy : Solar Power	D. Bhagwan Das	A,B
8.20 - 9.00	Green Energy : Solar Thermal Power	A.K. Saxena	A,B
9.00 - 9.20	<i>Lab Visit : Solar Power Plant at QN Centre</i>		A
9.20 - 9.40	<i>Lab Visit : Solar Power Plant at QN Centre</i>		B
THURSDAY, APRIL 11			
7.00 – 7.40	Making Light Work: From Photon to Photonics	Sukhdev Roy	A,B
7.40 – 8.20	Earth Sciences	Anand Mohan	A,B
8.20 - 9.00	Virtual Labs	R.S. Sharma	A,B
FRIDAY, APRIL 12			
7.00 – 7.40	Nuclear Power	R.C. Sinha	A,B
7.40 - 8.20	Opportunities and Frontiers in Life Sciences	Prem Kumar Dantu	A,B
8.20 - 9.00	How Automobiles Work	Arsh Dhir	A,B
SATURDAY, APRIL 13			
10.00 - 10.40	Computer Vision	PK Kalra, IITD	A,B
10.40 - 11.20	Computer Networks	Huzur Saran, IITD	A,B
11.20 - 12.00	What is Quantum Computing?	Dayal P Srivastava	A,B
12.00-12.30	VALEDICTORY SESSION Chief Guest : Prof. Madan Gopal, Shiv Nadar University, Noida (Former Professor in Elect. Engg., IIT Delhi)		A,B

Summer School in Science for High School Students (SCI-HIGH 2012)

April 21-27, 2012

BATCH A – PV Inter College Girls

BATCH B – REI Inter College Boys

PROGRAMME

Date / Time	Title of Talk	Speaker	Batch
SATURDAY, APRIL 21			
7.00 – 8.00	Computer Science : Past, Present and Future	C. Patvardhan	A,B
8.00 – 9.00	Multimedia Technologies	Satish Kumar	A,B
9.00-9.30	<i>Lab Visit : Multimedia Lab</i>		A
9.30-10.00	<i>Lab Visit : Multimedia Lab</i>		B
SUNDAY, APRIL 22			
9.00-10.00	Nanotechnology and Nanocomputing	Vishal Sahni	A,B
10.00-11.00	Green Energy : Solar Power	D Bhagwan Das	A,B
11.00-12.00	Green Energy : Solar Thermal Power	A.K. Saxena	A,B
12.00-1.00	Green Chemistry	Pushpa Sahni	A,B
1.00-1.30	<i>Lab Visit : SQUID Systems at QN Centre</i>		A,B
1.30-2.30	<i>Lab Visit : DEI Solar Power Plant (Science)</i>		A,B
MONDAY, APRIL 23			
9.00-10.00	VIDEO TALK : How Advances in Science are made	D.Osheroff, Stanford (Nobel Laureate)	A,B
10.00-11.00	What is Quantum Computing?	Dayal P Srivastava	A,B
11.00-12.00	PLENARY TALK : Prof. B.S. Sonde, IISc Bangalore		A,B
TUESDAY, APRIL 24			
7.00 – 8.00	Internet Technologies	Gursaran	A,B
8.00 – 9.00	Opportunities and Frontiers in Life Sciences	S.S. Bhojwani	A,B
WEDNESDAY, APRIL 25			
7.00 – 8.00	VLSI Technologies	CM Markan	A,B
8.00-9.00	Making Light Work: From Photon to Photonics	Sukhdev Roy	A,B
9.00-9.30	<i>Lab Visit : VLSI Lab, Photonics Lab</i>		A
9.30-10.00	<i>Lab Visit : VLSI Lab, Photonics Lab</i>		B
THURSDAY, APRIL 26			
7.00-8.00	Medical Science and Physiology	Vijai Kumar	A,B
8.00-9.00	Virtual Labs and Scientific Instrumentation	Soami Piara, RS Sharma	
9.00-9.30	<i>Lab Visit : Virtual Labs (USIC)</i>		A
9.30-10.00	<i>Lab Visit : Virtual Labs (USIC)</i>		B
FRIDAY, APRIL 27			
9.00-10.00	Computer Vision	PK Kalra, IITD	A,B
10.00-11.00	Computer Networks	Huzur Saran, IITD	A,B
11.00-12.00	VALEDICTORY TALK Mr. R.P. Agrawal, Chairman, Board of Governors, IIT Delhi		A,B