



# Shawath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

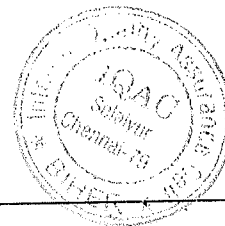
## INTERNATIONAL QUALITY ASSURANCE CELL(IQAC)

### DOCUMENTS SUBMISSION FORM

Date of submission	02/01/2020
Type of Documents	Seminar
Description	National Seminar on Crystal Growth
Enclosures	A) REQUISITION LETTER B) CIRCULAR C) BROCHURE, INVITATION, SCHEDULE D) LIST OF PARTICIPANTS E) PHOTOS F) CERTIFICATE G) FEED BACK FROM THE PARTICIPANTS
No. of Pages	16
Submitted by	Name : <i>Dr. P. Paulraj</i> Designation: Associate Professor Department: Chemistry Signature : <i>[Signature]</i>

### For Office Use Only

Received by:	<i>K. Sakthivel</i>	Sign: <i>[Signature]</i>	Date: <i>2/1/2020</i>
Verified by:	<i>K. Sakthivel</i>	Sign: <i>[Signature]</i>	Date: <i>2/1/2020</i>
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*[Signature]*  
Director  
IQAC-BIHER



# Bharath

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16.12.2019

REQUISITION LETTER

From  
The Head  
Department of Chemistry  
BIHER  
Chennai – 600073

To  
The Dean  
Bharath Institute of Science and Technology  
BIHER  
Chennai - 600073.

BHARATH INSTITUTE OF HIGHER  
EDUCATION & RESEARCH  
(Declared as Deemed to be University  
U/S 3 of UGC Act 1956)

02 JAN 2020

OFFICE OF THE  
IQAC - BIHER  
Selaiyur, Chennai-600 073. INDIA

Respected Sir

**Sub: One day Seminar to be organized by the Department of Chemistry, School of Basic Sciences on December 2019 - Request for Approval - Reg.**

It is proposed to organize a one day “Seminar on Crystal Growth” in December 2019. The proposal may kindly approved.

Thanking you

*G. Padipenja*  
HoD/Chemistry



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17.12.2019

## REQUISITION LETTER

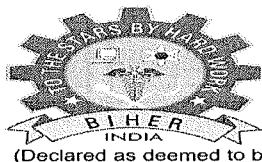
From  
The HoD  
Department of Chemistry  
School of Basic Sciences  
BIHER

To  
*Dr. A. Sundaramoorthy*  
*Teaching Fellow, Department of Physics,*  
*College of Engineering Guindy,*  
*Anna University, Chennai-25*  
Respected Sir

Sub: The Department of Chemistry, School of Basic Sciences, BIHER, proposed to conduct a one day **“Seminar on Crystal Growth”** - Permission requested to deliver an invited talk - **Reg.**

In the continuation of telephonic conversation, it is requested to deliver an Invited talk in Techniques of **Crystal Growth**. Kindly accept our request and do the needful.

*G. Padipera*  
HoD/Chemistry



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18.12.2019

**SCHOOL OF BASIC SCIENCES**

**CIRCULAR**

We are pleased to inform that the Department of Chemistry, School of Basic Sciences is organizing a one day seminar on **Seminar on Crystal Growth** on **24 December 2019**. The details of the program are:

**Resource persons** : *Dr. A. Sundaramoorthy*  
*Teaching Fellow, Department of Physics,*  
*College of Engineering Guindy,*  
*Anna University, Chennai-25*

**Convener** : **Dr. G. Padmapriya**

**Coordinator** : **Dr. P. Paulraj**

The interested students shall register their names for the programs. All are invited to take active part in the program.

**Chief Patron**  
Dr. S. Jagathrakshagan  
Founder Chairman

**Patrons**  
Dr. J. Sundeeep Anand, President, BIHER  
Dr. Swetha Sundeeep Anand, Managing Director

**Advisory Committee**  
Dr. V. Kanakasabai, Vice-Chancellor, BIHER  
Dr. R.M. Suresh, Pro-VC (Academics), BIHER  
Dr. S. Bhuminathan, Registrar, BIHER  
Dr. R. Hariprakash, Additional Registrar, BIHER  
Dr. J. Hameed Hussain, Dean-Engg. BIST

**Convener**  
Dr. G. Padmapriya, HOD/ Chemistry

**Organizing Secretary**  
Dr. P. Paulraj Assoc. Prof./ Chemistry

**Coordinator**  
Dr. P. Paulraj Assoc. Prof./ Chemistry

**Local organizing committee**

Mrs. P. Kalpana, Assist. Prof./ Chemistry  
Mr. A. Sathanraja, M. Sc, M.Phil.,

### Participation

It is open to faculty members of academic institutions, UG/PG/Research scholars of Chemistry, Physics, Science & Engineering disciplines and industrial personnel.

### Registration Fee

Students and scholars Rs. 300/-  
Faculty Rs. 500/-  
Delegates from industry Rs. 1000/-  
Registration Fee should be paid by NEFT/RTGS/IMPS/ Demand Draft. It includes conference kit, high tea & lunch. **Account details will be intimated soon.**

Interested students and faculty members should send the registration form along with the DD to the

Address for correspondence

### Organizing Secretary

SCG-2019  
Department of Chemistry  
Faculty of arts and sciences  
Bharath Institute of Higher Education and Research  
Selaiyur, Tambaram, Chennai-600073  
Tamilnadu, India  
Email: scg2019@gmail.com.  
9751921018, 9884354800

### Resource person

Dr. A. Sundaramoorthy  
Teaching Fellow, Department of Physics,  
College of Engineering Guindy,  
Anna University, Chennai-25



**Bharath**  
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Approved by Council of Higher Education under section 3 of UGC Act 1956. Registration No. F.5/SCG/2019

**Seminar on Crystal  
Growth 2019**

**SCG-2019**

**24<sup>th</sup> December 2019**



Organized by

Department of Chemistry  
School of Sciences  
Bharath Institute of Higher  
Education and Research  
Selaiyur, Tambaram  
Chennai-600073

### About the Institution

The first self-financing Engineering College in the name of Bharath Institute of Science and Technology (BIST) was started in Tamil Nadu in 1984 by Sri Lakshmi Ammal Educational Trust, established by the academic visionary Dr.S.Jagathrakshakan. The trust then started Sree Balaji Dental College and Hospital, in 1989. Sree Balaji Dental College and Hospital was first recognized as a Deemed to be University by MHRD in July 2002, under section 3 of the UGC Act 1956 under the new trust Bharath Institute of Higher Education and Research (BIHER). The Bharath Institute of Science and Technology (BIST) was then brought under the ambit of Bharath Institute of Higher Education and Research (BIHER) in January 2003.

Thus, Bharath Institute of Higher Education and Research (BIHER) is providing multi-stream, multi-cultural and high quality education to nearly 10000 students from around the world. It is functioning in a sprawling area of 305 acres of land with 1.3 crore sq.ft buildings located in 6 Campuses both in Tamil Nadu and Puducherry with the state of the art infrastructure facilities. There are well qualified Teaching Faculty members to teach various UG and PG programmes and to guide Ph.D. Research.

### About the Department

The Department of Chemistry under faculty of arts and sciences is functioning from 2015 onwards. There are Four well experienced, highly qualified and dedicated faculty members with different specializations in Chemistry. The department offers M.Phil., and Ph.D. programs in chemistry. The faculty members have got patents and have published many papers in indexed journals and authored many books.

### Seminar Objective

Materials play an ever increasing role in our modern society. Materials with designed properties serving specified application. Synthesis of the new Materials widens the scope of their application from material to biological science at the molecular level. It paves the way for the development of innovative molecules to meet the needs of key industrial sectors including energy, healthcare and telecommunications. The primary objective of this conference is to exchange the knowledge among the researchers, technologists, academicians about the state of art in materials and their applications.

#### Focusing Fields

Advanced energy materials  
Nanomaterials  
Drug delivery system  
Building Materials  
Eco Friendly Materials  
Hydrogen and Fuel Cells  
Functional Coatings  
Surface Coatings  
Material Processing  
Sensors  
Polymeric materials  
Bio materials and bio devices  
Optical, electronic and magnetic materials  
Structural materials  
Computational materials  
Semiconductors  
Composite and Hybrid materials  
Soft & Smart Materials  
Materials for Photocatalysis  
Materials for Dye-sensitized solar cells

**Important Dates**  
Notification of Acceptance - 18.12.2019  
Last date for Registration - 24.12.2019  
Date of conference - 24.12.2019

## Seminar on Crystal Growth 2019

SCG-2019

[Registration Form](#)

Name:

Qualification:

Designation :

Department :

Institution :

Address :

Contact No:

E-mail ID :

Mode of Presentation :  
(Oral/ Poster)

**Payment Details**

DD No & Date:

Bank: Amount:

Place:

Date:

Applicant's Signature :

*Photo copy of the form can be used*



# **Bharath**

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

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## **Bharath institute of higher education and research**

**Department of Chemistry**

School of Basic sciences

The management, chancellor, Vice Chancellor, Deans, HODs, faculty and students of School of Basic sciences

Cordially invite you for the

*26/12/2019*

## **Crystal Growth**

**Department of Chemistry**

*Resource person*

**Dr. A. Sundaramoorthy**

Teaching Fellow, Department of Physics,  
College of Engineering Guindy,  
Anna University, Chennai-25

*Organized by*

**Department of Chemistry**

School of basic sciences, BIHER, Chennai-126

24 December 2019



# Bharath

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## SCG "SEMINAR ON CRYSTAL GROWTH"

24 December 2019

Total No. of Students: 67

S. No.	Participant's Name	Department	College Name
1	KISHORE KANNA G.	BSC-Chemistry	Hindustan College of Arts and Science, Chennai
2	KARTHIK RAJA R.	BSC-Chemistry	Bharath Institute of Higher Education and Research, Chennai
3	GOKUL G.	BSC-Chemistry	Bharath Institute of Higher Education and Research, Chennai
4	ARAVIND S.	BSC-Chemistry	Bharath Institute of Higher Education and Research, Chennai
5	SAMYUKTHA P.	BSC-Chemistry	Bharath Institute of Higher Education and Research, Chennai
6	K. SARATH KUMAR	BSC-Chemistry	Bharath Institute of Higher Education and Research, Chennai
7	KISHORE V.	BSC-Chemistry	Hindustan College of Arts and Science, Chennai
8	NANDHINI POOJA R.	BSC-Physics	Bharath Institute of Higher Education and Research, Chennai
9	SOWMIYA G.	BSC-Physics	MNM Jain Engineering College, Chennai
10	RAJAASHOK .S	BSC-Physics	MNM Jain Engineering College, Chennai
11	RAJESH .S	BSC-Physics	Bharath Institute of Higher Education and Research, Chennai
12	SANGEETHA V.	BSC-Physics	Hindustan College of Arts and Science, Chennai

13	LIYERNA .L	BSC-Physics	Hindustan College of Arts and Science, Chennai
14	MOHAN .C	BSC-Physics	Bharath Institute of Higher Education and Research, Chennai
15	VIGNESH .J	BSC-Physics	Hindustan College of Arts and Science, Chennai
16	VIJAY .K	BSC-Physics	Hindustan College of Arts and Science, Chennai
17	C. YESHWANTH RAJA	BSC-Physics	MNM Jain Engineering College, Chennai
18	PERUMAL .J	BSC-Physics	Government Arts College for Men, Chennai
19	YAWAR NAZIR	BSC-Physics	Vivekananda Day College, Chennai
20	PRIYA SINGH	BSC-Physics	Hindustan College of Arts and Science, Chennai
21	ABDUL SABUR A	BSC-Physics	Vivekananda Day College, Chennai
22	MOHAMED HUFAILIN LIAKATH ALI	BSC-Physics	Vivekananda Day College, Chennai
23	SURIYA .E	BSC-Chemistry	Hindustan College of Arts and Science, Chennai
24	SASIKUMAR .U	BSC-Chemistry	Vivekananda Day College, Chennai
25	S. NITIN SRIRAAM	BSC-Chemistry	Vivekananda Day College, Chennai
26	SARANYA .S	BSC-Chemistry	Hindustan College of Arts and Science, Chennai
27	SAI SOBIKA S	BSC-Physics	Government Arts College for Men, Chennai
28	JAYAVANI V.	BSC-Physics	Government Arts College for Men, Chennai
29	MADHAN KUMAR .D	BSC-Biochemistry	Hindustan College of Arts and Science, Chennai
30	MOHAMED IMRAN .R	BSC-Biochemistry	Guru nanak College, Chennai
31	SARATH .S	BSC-Biochemistry	Guru nanak College, Chennai
32	AISHWARYA .K.K.C	BSC-Biochemistry	Guru nanak College,

			Chennai
33	DINESH .K	BSC-Physics	Government Arts College for Men, Chennai
34	SATHISH KUMAR .A	BSC-Physics	Government Arts College for Men, Chennai
35	YASHWANT KUMAR SINGH	BSC-Physics	Hindustan College of Arts and Science, Chennai
36	DINESH .A	M. Sc Chemistry	Government Arts College for Men, Chennai
37	DILSHATHBEGAM .A	M. Sc Chemistry	Hindustan College of Arts and Science, Chennai
38	SENTHILPANDI .C	BSC-Biochemistry	Lakshmi Ammal Engineering College, Chennai
39	FARZANA BEGUM .R	BSC-Biochemistry	Hindustan College of Arts and Science, Chennai
40	RACHEL .K	M. Sc Chemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
41	MUTHUKUMARAN .M	M. Sc Chemistry	Madras Christian College, Chennai
42	YUVARAJ .S	BSC-Biochemistry	Hindustan College of Arts and Science, Chennai
43	SUSHMITHA .M	BSC-Biochemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
44	THOMAS A	M. Sc Chemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
45	VINOTH ARUN .A	M. Sc Chemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
46	VENKATESH .B	M. Sc Chemistry	Madras Christian College, Chennai
47	YASHWANTH KUMAR .K	BSC-Biochemistry	Hindustan College of Arts and Science, Chennai
48	SUSHMITHA .M	BSC-Biochemistry	Madras Christian College, Chennai
49	THOMAS A	M. Sc Chemistry	Bharath Institute of Higher Education and

			Research, Chennai
50	VINOTH ARUN .A	M. Sc Chemistry	Madras Christian College, Chennai
51	VENKATESH .B	BSC-Physics	Hindustan College of Arts and Science, Chennai
52	YASHWANTH KUMAR .K	BSC-Biochemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
53	PREETHI S.A	M. Sc Chemistry	Madras Christian College, Chennai
54	AJAY VARSHAN K .L	BSC-Physics	Hindustan College of Arts and Science, Chennai
55	JAGAN .V	BSC-Biochemistry	Bharath Institute of Higher Education and Research, Chennai
56	HARI PRASANNA .P	BSC-Biochemistry	Hindustan College of Arts and Science, Chennai
57	UDAYA KUMAR .A	M. Sc Chemistry	Madras Christian College, Chennai
58	YOKESH .R	BSC- Chemistry	Hindustan College of Arts and Science, Chennai
59	BALACHANDHAR .S	M. Sc Chemistry	Madras Christian College, Chennai
60	JOTHIKA .S	BSC- Chemistry	Madras Christian College, Chennai
61	HARINI .B	BSC- Chemistry	Vivekananda Day College, Chennai
62	MUBRAKALI .A	M. Sc Chemistry	Agurchand Manmull Jain College, Meenambakkam, Chennai
63	DEENA S	BSC- Chemistry	Bharath Institute of Higher Education and Research, Chennai
64	ANUSHA R	BSC- Chemistry	Bharath Institute of Higher Education and Research, Chennai
65	PRAGADEESH K	BSC- Chemistry	Bharath Institute of Higher Education and Research, Chennai
66	PRABURAJ J L	M. Sc Chemistry	St. Joseph's College, Kovur, Chennai
67	ADITYA M S	BSC Chemistry	St. Joseph's College, Kovur, Chennai



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## SCG "SEMINAR ON CRYSTAL GROWTH"

24 December 2019

### PROGRAM SCHEDULE

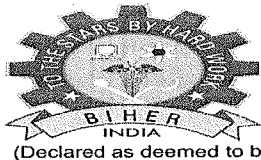
Inauguration	:	9.30 am to 10.am
9.30 am	:	Welcome address Dr. Padmapriya
9.35 am	:	About Seminar Dr.Padmapriya
9.40 am	:	Introduction to Chief Guest Dr. paulraj
9.50 am	:	Inauguration address by chief guest Dr. A. Sundaramoorthy Teaching Fellow, Department of Physics, College of Engineering Guindy, Anna University, Chennai-25
10.00 am	:	Invited Talk Dr. A. Sundaramoorthy Teaching Fellow, Department of Physics, College of Engineering Guindy, Anna University, Chennai-25
12.30 pm -1.30 pm	:	Lunch
1.45 pm to 2.45 pm	:	Presentation

### VALEDICTORY PROGRAM

Valedictory Function : 3.00 pm to 3.30 pm

Participants Feed back

Vote of Thanks : Coordinator

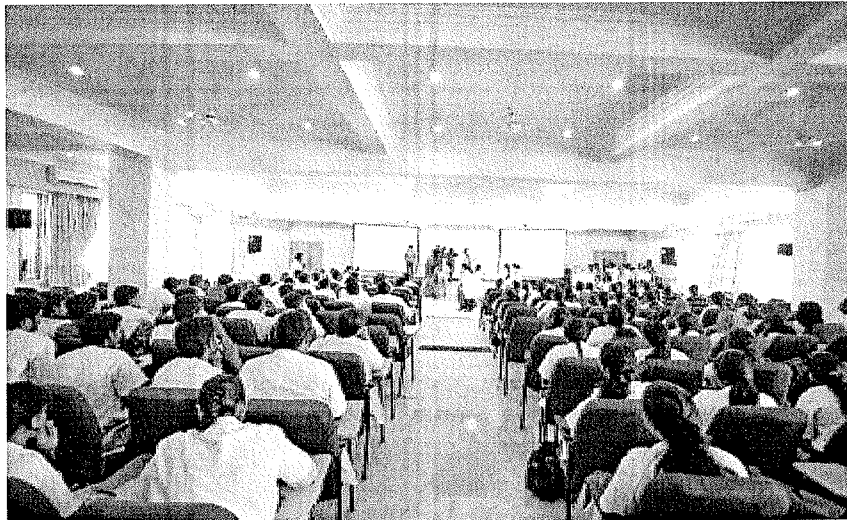


# Shaheed

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**ONE DAY "SEMINAR ON CRYSTAL GROWTH"  
24 December 2019**



**Students are attending "SEMINAR ON CRYSTAL GROWTH"  
24 December 2019**



**Students are attending "SEMINAR ON CRYSTAL GROWTH"  
24 December 2019**




# Bharath

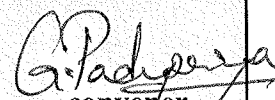
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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## Certificate of Participation

This is to certify that Mr/Ms U. SASI KUMAR has participated/presented in the one day on Crystal Growth organized by the Department of Chemistry School of Basic Sciences, BIHER Held on 24<sup>th</sup> December 2019

  
Coordinator

  
convener





# Sharath

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One day "SEMINAR ON CRYSTAL GROWTH"

24 December 2019

## FEEDBACK FORM

Name : yakesh.R  
Department : Chemistry  
College Name : Hindustan college

<u>Criteria</u>	<u>Strongly</u> <u>Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Workshop was relevant to my needs	✓		
The program was well paced within the allotted time	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Workshop met my expectations	✓		
The presentations were effective	✓		

  
Signature



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One day "SEMINAR ON CRYSTAL GROWTH"

24 December 2019

## FEEDBACK FORM

Name : *VEDIKATESTH - B.*  
Department : *CHEMISTRY*  
College Name : *MCC, Chennai*

<u>Criteria</u>	<u>Strongly Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Workshop was relevant to my needs	✓		
The program was well paced within the allotted time	✓	✓	
Content was well organized		✓	
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Workshop met my expectations	✓		
Workshop handouts were relevant and useful	✓		

*B. V. K. Teesta*  
Signature