



# INDIAN CHEMICAL SOCIETY

(Mumbai Branch)

ESTD. 1951

C/o Chemistry Group, BARC, Mumbai – 400 085

## President

V. Sudarsan

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M. M. V. Ramana

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S. K. Sarkar

A. D. Sawant

S. Shetye

A. K. Singh

N. V. Thakkar

A. K. Tyagi

R. K. Vatsa

Date: 16-08-2023

**Dr. V. Sudarsan,**

President,

Indian Chemical Society (Mumbai Branch)

Dear Sir,

Greetings from Indian Chemical Society Mumbai Branch (ICSMB),

This is to state that ICSMB in collaboration with Chemistry Department of your College conducted Guest Lectures on 28<sup>th</sup> July 2018, under DBT STAR COLLEGE activity.

Following Two lectures were delivered for UG and PG Chemistry students.

### 1) Fundamentals of Chemical Kinetics

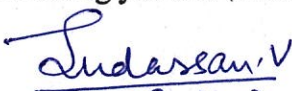
By Dr. R. K. Vatsa, President, ICS Mumbai Branch and Head, Cluster Chemistry Section, Chemistry Division, Bhabha Atomic Research Centre (BARC), Mumbai 400085.

### 2) Fundamentals of Quantum Chemistry

By Dr. Purav M. Badani, Asst. Professor, Chemistry Department, Kalina (Autonomous) Mumbai University.

Lectures were well received by more than 100 students with interactive session after the lecture.

Thanking you and with warm regards,

  
16.8.2023  
(V. Sudarsan)

Certified as  
TRUE COPY

  
Principal  
Ramniranjan Jhunjhunwala College,  
Ghatkopar (W), Mumbai-400086.

To,

**Dr. Himanshu Dawda**

Principal,

Ramniranjan Jhunjhunwala College of Arts Science and Commerce,  
Ghatkopar (West)



# R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Tel No: +91 22 25151763 Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

Hindi Vidya Prachar Samiti's

## RAMNIRANJAN JHUNJHUNWALA COLLEGE

GHATKOPAR (W), MUMBAI – 400 086.



### DBT Star College Scheme Chemistry Department

Date: 19/07/2018

Chemistry Department is organizing two guest lectures, under the DBT STAR College Activity, {in collaboration with Indian Chemical Society (ICS), Mumbai Branch} on 28<sup>th</sup> July 2018 for SYBSc, TYBSc and M.Sc. students as well as teachers.

The titles of two lectures are:

**“Fundamentals of Chemical Kinetics”** by Dr. R. K. Vatsa, President, ICS Mumbai Branch and Head, Cluster Chemistry Section, Chemistry Division, BARC.

**“Fundamentals of Quantum Chemistry”** by Dr. P. M. Badani, Assistant Professor, Chemistry Department, Kalina (Autonomous), University of Mumbai.

**Venue: MPSS HALL**

  
**Head  
Department of Chemistry**



  
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## BROCHURE



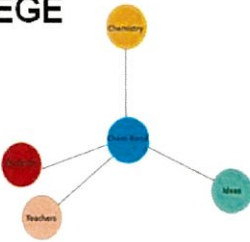
ISO 9001:2015  
Best College  
UNIVERSITY OF MUMBAI

### Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)

Ghatkopar-West, Mumbai 400086

#### DBT STAR COLLEGE ACTIVITY

### Department of Chemistry



**Guest lectures**

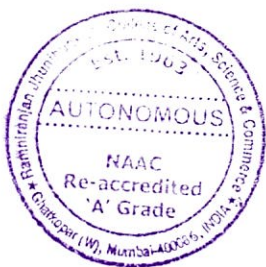
**in collaboration with Indian Chemical Society (ICS), Mumbai Branch**

"Fundamentals of Chemical Kinetics" by Dr. R. K. Vatsa, President, ICS Mumbai Branch and Head, Cluster Chemistry Section, Chemistry Division, BARC.

"Fundamentals of Quantum Chemistry" by Dr. P. M. Badani, Assistant Professor, Chemistry Department, Kalina (Autonomous), University of Mumbai.

**Date: 28<sup>th</sup> July, 2018**

**Venue: MPSS Hall**



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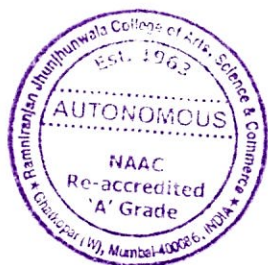
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## REPORT

A Lecture on Fundamentals of Chemical Kinetics and Fundamentals of Quantum Chemistry was organized on 28<sup>th</sup> July 2018. It was conducted by Dr. R. K Vatsa, Senior scientist from BARC and Dr. P. M. Badani, Assistant Professor from University Department of Chemistry. Both the teachers delivered excellent lectures and made it very interesting. The topics were very complicated and they made it very simple using everyday life examples. 60 students attended the session. The lecture was highly appreciated by students.



  
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## ATTENDANCE

| SR NO | NAME   | CLASS       | ROLL NO |
|-------|--|-------------|---------|
| 1     | ANKUSH AMRUTA SHELAKI VIJAYMALA                | MSC CHEM-II | 1       |
| 2     | JAGDISH DIPAK KANAR                            | MSC CHEM-II | 3       |
| 3     | SHEKATE DHANASHRI NAMDEV YOGITA                | MSC CHEM-II | 11      |
| 4     | INDU MUTHAIAH JEGA                             | MSC CHEM-II | 13      |
| 5     | GAIKWAD PRIYANKA ABA LATA                      | MSC CHEM-II | 21      |
| 6     | SHINDE APARNA BHAGWAN JAYASHRI                 | MSC CHEM-II | 22      |
| 7     | ROUSHAN JAHAN MUHARRAM ALI SAMUNNISA           | MSC CHEM-I  | 1       |
| 8     | CHAURASIYA SUNIL ARVIND VIMLA                  | MSC CHEM-I  | 2       |
| 9     | KUMAWAT SURESHCHANDRA PYARCHAND SITA           | MSC CHEM-I  | 3       |
| 10    | RAM DABLU CHHANGUR GULABI DEVI                 | MSC CHEM-I  | 11      |
| 11    | VISHWAKARMA ANKUR RAJESH KUSUM                 | MSC CHEM-I  | 14      |
| 12    | DUBEY PRIYA VINAYKUMAR MAMTA                   | MSC CHEM-I  | 21      |
| 13    | PAL PRASHANT ARVIND KUMAR BRIJMA               | MSC CHEM-I  | 22      |
| 14    | DWIVEDI SHUBHAM RAMPRAKASH GEETA               | MSC CHEM-I  | 24      |
| 15    | SAKINA KHATOON GULAM ASHRAF NAZMA              | SYBSC       | 1       |
| 16    | ALFIA BANO IQBAL AHMED FARIDA                  | SYBSC       | 2       |
| 17    | BAVKAR SUDESH SATISH SUCHITA                   | SYBSC       | 3       |
| 18    | BIND SNEHAL SURESHKUMAR BHANMATI               | SYBSC       | 4       |
| 19    | YADAV JYOTI SURYANATH SARSWATI                 | SYBSC       | 50      |
| 20    | SHUKLA SONAM KAUSHLESH VIMALA                  | SYBSC       | 51      |
| 21    | MANVE RASIK RAMESH RUTA                        | SYBSC       | 52      |
| 22    | SURAJ ANIL PRAJAPATI                           | SYBSC       | 54      |
| 23    | DUBEY AKSHAY RADHEYSHYAM MANJU                 | SYBSC       | 55      |
| 24    | JAISWAL AMIT RAMESH SUNITA                     | SYBSC       | 56      |
| 25    | SANA SHAVEZ KHAN                               | SYBSC       | 526     |
| 26    | KHAN ARIFA NIZAMUDDIN QAMRUNNISA               | SYBSC       | 528     |
| 27    | KHAN SURAIYYA KHATOON HAFIZURREHMAN AZIZUNNISA | SYBSC       | 530     |
| 28    | KHAN FATIMA MEHMOOD MAHERUKH                   | SYBSC       | 533     |
| 29    | KUMKAR SHWETALI RAMDAS VIDYA                   | SYBSC       | 534     |
| 30    | SHELKE SIDDHI SANTOSH SADHANA                  | SYBSC       | 646     |
| 31    | SHINDE MAHENDRA NARAYAN DIPALI                 | SYBSC       | 647     |
| 32    | SHINDE ANIKET SHIVAJI UJWALA                   | SYBSC       | 648     |
| 33    | SINGH SUJIT GOPAL BIMLA                        | SYBSC       | 649     |
| 34    | BALBIR AJAY ANJU                               | SYBSC       | 650     |
| 35    | TIWARI ANJALI GULABDHAR PRATIMA                | SYBSC       | 652     |
| 36    | SABRIN FATIMA ISRAR AHMED SAMIUNNISA           | TYBSC       | 2       |
| 37    | RUBEENA BANO ZUBAIR AHMED RASHEDA KHATOON      | TYBSC       | 4       |
| 38    | RAHULKUMAR SUBASH VIDYAVATI                    | TYBSC       | 6       |



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|    |  |       |     |
|----|--|-------|-----|
| 39 | AGAM PRASHANT DADA SAVITA                  | TYBSC | 7   |
| 40 | ANSARI HUSNA ABDUL MOMIN BILKEES           | TYBSC | 9   |
| 41 | KHAN IRAM SARVARI NIYAZAHMED MOMINA KHATUN | TYBSC | 51  |
| 42 | KURALE AMRUTA EKNATH SHARADA               | TYBSC | 53  |
| 43 | KURMI SAURABH KAMALAPRASAD DHAN DEVI       | TYBSC | 54  |
| 44 | MANDALE PRASAD TUKARAM RANJANA             | TYBSC | 55  |
| 45 | MAURYA PRIYAM PUNWASI SARITA               | TYBSC | 57  |
| 46 | MISHRA JAYESH JANARDAN SUNITA              | TYBSC | 59  |
| 47 | MITKARI MEGHANA NAGNATH RESHAMA            | TYBSC | 60  |
| 48 | NATE ADITI VIJAY PRADNYA                   | TYBSC | 62  |
| 49 | NAVALE ANUKSHA HARICHANDRA VAISHALI        | TYBSC | 63  |
| 50 | NIMBALKAR VISHAKHA KISAN SHARDA            | TYBSC | 64  |
| 51 | SHINDE ASHWINI SURYAKANT MANISHA           | TYBSC | 102 |
| 52 | SINGH SHUBHAM NAGENDRA ARCHANA             | TYBSC | 105 |
| 53 | SINGH ASHWINI HARISHANKAR NEELAM           | TYBSC | 107 |
| 54 | SINGH AARADHANA ANANDKUMAR RENU            | TYBSC | 108 |
| 55 | SINGH RAHUL KAMAL CHANDA                   | TYBSC | 110 |
| 56 | YADAV NEELAM RAMAVADH MALAVATI             | TYBSC | 122 |
| 57 | YADAV JAGRUTI RAMDULARE VIMLA              | TYBSC | 123 |
| 58 | YADAV AARTI SARNATH MADHURI                | TYBSC | 125 |
| 59 | YADAV SIMRAN JIMIDAR SAROJ                 | TYBSC | 127 |
| 60 | YADAV DULARI MAHENDRANATH GULABDEVI        | TYBSC | 128 |



  
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## LIST OF TEACHERS WHO ATTENDED THE SESSION

| SR NO | NAME                   |
|-------|------------------------|
| 1     | Dr Seema S Ratnaparkhi |
| 2     | Dr C M Mishra          |
| 3     | Mr D S Borse           |
| 4     | Dr R S Dubey           |
| 5     | Dr Vashnavi Sridhar    |
| 6     | Dr Charu Vatsa         |
| 7     | Mr M D Medhi           |
| 8     | Dr Deepali Pimple      |
| 9     | Mr Jitendra Girase     |
| 10    | Dr Pratap Kamble       |
| 11    | Mr Prabijna Babu       |
| 12    | Dr Asawari Mokal       |
| 13    | Dr Amol Kadam          |
| 14    | Dr Sandesh Divekar     |
| 15    | Dr Palak Chawla        |



*Ushu*

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## CERTIFICATE




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### CERTIFICATE OF PARTICIPATION

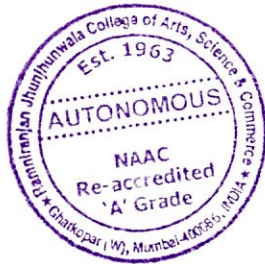
This is to certify that


**Mr. Shekate Dhanashri Namdev**  
*Of MSc Chemistry II Roll No 11*

has attended lectures on Fundamentals of Chemical Kinetics and Fundamentals of Quantum  
Chemistry held on **28<sup>th</sup> July 2018** organized by **Department of Chemistry**



**Dr. Usha Mukundan**  
Principal



  
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