Dept. Of Chemistry Various Departmental Activities

(1)Guest Lecture

Date (18/11/2017)

Topic: -An importance of Analytical chemistry in the field of chemistry **Expert/speaker** –Dr. Mahabir Pratap Singh chemists, Geological survey of India (Kolkata)

Student participate: - M.Sc.1st sem. students

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(2)Career counseling seminar:- Date:

-20/4/2018

Expert/speaker – Dr. Vikesh Kumar Jha (Assistant professor &HOD)

Student participate: -M.Sc.2nd sem. Students **Session-(2018)**

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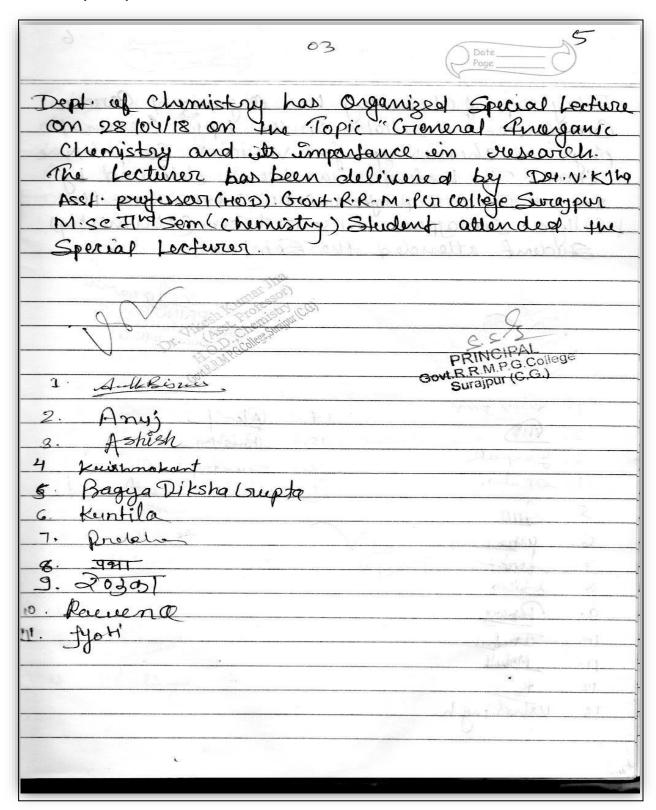
(3) Special lecture Date (28/4/2018)

Topic: -General inorganic chemistry

Expert/speaker - Dr. Vikesh Kumar Jha (Assistant professor & HOD)

Student participate: -M.Sc.2nd sem. students

Session-(2018)



(4) Guest seminar Date (10/8/2019)

Topic: -Importance of physical chemistry for various competition exam

Expert/speaker –Dr. Avadh Kishor Jha (Assistant professor)

Govt. shivnath science college. Rajnandgaon (C.G.)

10/8/19 Grust Seminor Page 3
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(1) Vimla Rajwode (Botony) BSc. III

Student participate: -B.Sc. (1st ,2nd &3rd year) & PG chemistry students

(5)Career Guidance Date (21/10/2019)

TOPIC: -Importance of physical chemistry for various competitive exam

Expert/speaker –Dr. Vikesh Kumar Jha (Assistant professor &HOD)

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(6) Guest Lecture Date (22/10/2019)

Topic: - Strategy for preparation CSIR, NET, GATE, SET and other competitive exam.

Expert/speaker –Dr. Vikesh Kumar Jha (Assistant professor & HOD department of chemistry)

Student participate: -M.Sc. 3rd sem.(chemistry) students

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(7) Research seminar Date:24/10/2019

Topic: -pericyclic chemistry and its importance in research

Expert/speaker - Dr. Vikesh Kumar Jha (Assistant professor & HOD Department of chemistry)

Student participate: -M.Sc. 3rdsem (chemistry) students



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8) Guest lecture Date(4/11/2019)

Topic: - Toxicology and environmental impact assessment Expert/speaker –Dr. Shivani Gupta (Guest lecturer, zoology)

Govt. Nagarjuna P.G college of science Raipur **Student participate:** -B.Sc. 2nd,3rd student

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9) Career counselling seminar: - Date: 5/11/2019

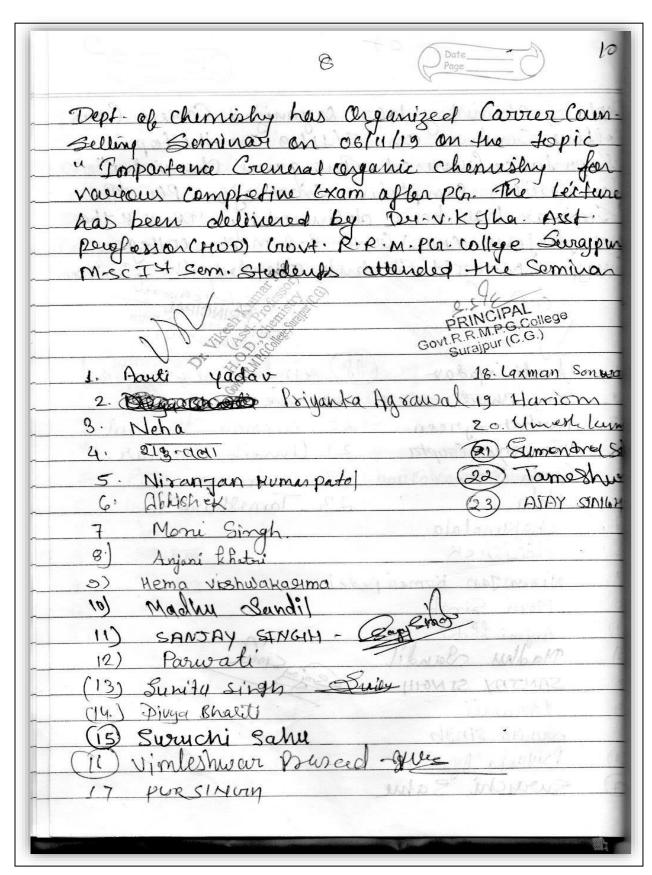
Topic: - importance of general inorganic chemistry for various competitive exam **Expert/speaker** –Dr. Vikesh Kumar Jha (Assistant professor & HOD Department of chemistry)

Student participate: -M.Sc.1st sem.(chemistry) 07 Chemistry has organized been delivered by Students attended Govt.R.R.M.P.G.College Surajpur (C.G.) Aurti yadar vindeshwar Pousao 20 Konypoing Coupta Hema vishwakalima 92 6. 7, Shakunatala Abhishek 9 Nivanjan Kuman patel 10 11. 121 13 14 15 Psiyanka Agsawa

(10) Career counselling seminar: - Date: 6/11/2019

Topic: -importance of general organic chemistry for various competitive exam **Expert/speaker:** -Dr. Vikesh Kumar Jha (Assistant professor & HOD) **Student**

participate: -M.Sc.1st sem. (chemistry)



(11)Guest lecture

Date: 18/2/2020

Topic: -Electrochemistry (New approach to electrochemistry)

Expert/speaker: -Dr. A. k. Jha (assistant professor & HOD of chemistry)

Govt. Shivnath science college, Rajnandgaon (C.G)

Student participate: -PG. (M.Sc. chemistry student)

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FIVE DAYS INTERNATIONAL E-WORKSHOP

(12)International workshop Date (25/8/2020-29/8/2020)

Topic: - International E-workshop

*There is no Registration Fee.

Daily submission of attendance is mandatory for getting E-certificate.

FIVE DAYS INTERNATIONAL E-WORKSHOP "Principles and Applications of Analytical Instruments for Analysis of Organic/Inorganic molecules" Date: 25-29 Aug. 2020 Jointly organised by Department of Chemistry & Department of Botany, Govt. R. R. M. PG College, Surajpur (C.G.) & Department of Chemistry, Govt. Shivnath Science College, Rajnandgaon (C.G.) Chief Guest •All Participants must join our Telegram Channel Google Registration Link link after Registration. https://docs.google.com/for https://t.me/joinchat/AAAAAFVhhSWnt3WOjIB ms/d/e/1FAIpQLSeerwYcv GmYjTVNvxA0qvs1r6ca8 · Venue: Zoom/YouTube kfQrLL9KM7qrqOZon1v8 w/viewform Prof. Vinod K. Singh President CRSI IIT Kanpur Patron Dr. S. S. Agrawal Dr. I. R. Sonwani Princpal, Govt. R. R. M. PG College Princpal, Govt. Shivnath Science College Suraipur (C.G.)

. E-Certificates will be issued to all the active participants on daily submission feedback form and question answers.

Rainandgaon (C.G.)

Keynote Speakers



Professor



Dr. Ramendra Sundar Dey Scientist The Maharaja Sayajirao University of Baroda Institute of Nano Science and Technology, Mohali



Dr. Rajnish Kumar Assistant Professor S. M. S. G. College, Gaya



Dr. E. Siva Subramaniam Iver **Assistant Professor** IIT Goa



Dr. Vishal Govind Rao **Assistant Professor** IIT Kanpur,



Dr. Anil Kumar Singh **Assistant Professor** Mahatma Gandhi Central University, Motihari



Dr. Ramendra P Singh Assistant Professor University of Delhi



Dr. Dhananjay Kumar Assistant Professor A. M. College, Gaya



Dr. Shanish Kumar **Assistant Professor** MD College, Naubatpur, Patna



Dr. Debasish Ghorai (Beatriu de Pinos - Marie S. Curie Fellow) ICIQ, Tarragona, Spain



Dr. Jatinder Singh Department of Chemistry University of Idaho, USA



Dr. Vikesh Kumar Jha Assistant Professor & Head Govt. R. R. M. PG College Surajpur (C.G.)





Dr. Abadh Kishor Jha Assistant Professor & Head Govt. Shivnath Science College Rajnandgaon (C.G.)

Organizing secretary Mr. Tulsiram Rahangdale

Organizing Committee

Dr. H. N. Dubey Mr. C. B. Mishra Dr. Chandan Kumar Mr. Anand Kumar Painkra

Contact us:

For Technical Assistance -Prof. Anil Chandrawanshi-9340266020 Mr. Sanjay Singh 8823885578



Five days International Workshop on "Principles and Applications of Analytical Instruments for Analysis of Organic/Inorganic molecules" Date: 25th to 29th Aug. 2020



Five days International E-Workshop Schedule

Date	Time (IST)	Session	Topic	Name of Speaker
	02:00 PM to 02:30 PM		Inaugral Session	
25/08/2020 (Tuesday)	02:30 PM to 03:30 PM	Session I	Raman Spectroscopy and its applications: Drugs to Earth and Planetary Science	Dr. Prafulla K. Jha Professor Department of Physics Faculty of Science The Maharaja Sayajirao University of Baroda Vadodara, India
	03:45 PM to 04:45 PM	Session II	The importance of Electroanalytical chemistry in sustainable energy system	Dr. Ramendra Sundar Dey Scientist Institute of Nano Science and Technology Mohali, Punjab, India
26/08/2020	02:00 PM to 03:00 PM	Session I	A Brief Tutorial with UV-Visible Spectrophotometere	Dr. Rajnish Kumar Assistant Professor Department of Chemistry S. M. S. G. College, Gaya, Bihar, India
(Wednesday)	03:15 PM to 04:15 PM	Session II	Looking into the fastest processes in chemistry through Spectroscopy	Dr. E. Siva Subramaniam Iyer Assistant Professor Department of Chemistry IIT Goa, India

Date	Time (IST)	Session	Topic	Name of Speaker
27/08/2020 (Thursday)	02:00 PM to 03:00 PM	Session I	Plasmon Driven Reduction of CO ₂ to Chemical Fuels	Dr. Vishal Govind Rao Assistant Professor Department of Chemistry IIT Kanpur, India
	03:15 PM to 04:15 PM	Session II	Instrumentation and applications of IR Spectroscopy in Characterization of organic/Inorganic molecules	Dr. Anil Kumar Singh Assistant Professor Department of Chemistry Mahatma Gandhi Central University, Motihari, East Champaran, Bihar, India
28/08/2020 (Friday)	02:00 PM to 03:00 PM	Session I	NMR: A powerful tool for structure elucidation	Dr. Ramendra P Singh Assistant Professor Department of Chemistry University of Delhi, India
	03:15 PM to 04:15 PM	Session II	Applications of different Chromatographic Techniques	Dr. DhananjayKumar Assistant Professor Department of Chemistry A. M. College, Gaya, Bihar, India
	04:30 PM to 05:30 PM	Session III	Mossbauer Spectroscopy Basic principles and applications	Dr. Shanish Kumar Assistant Professor Department of Chemistry MD College, Naubatpur, Patna Patliputra University, Patna, Bihar, India
29/08/2020 (Saturday)	10:00 AM to 11:00 AM	Session I	Mass Spectroscopy: An Important Tool to Analyze Chemical Reaction Outcome	Dr. Debasish Ghorai (Beatriu de Pinos - Marie S. Curie Fellow) ICIQ, Tarragona, Spain
	11:15 AM to 12:15 PM	Session II	X-Ray Crystallography and its applications	Dr. Jatinder Singh Department of Chemistry Unversity of Idaho, USA
	12:15 PM to 12:30 PM		Closing Address & Vote of Thanks	

(13)10 Days seminar (chemistry)

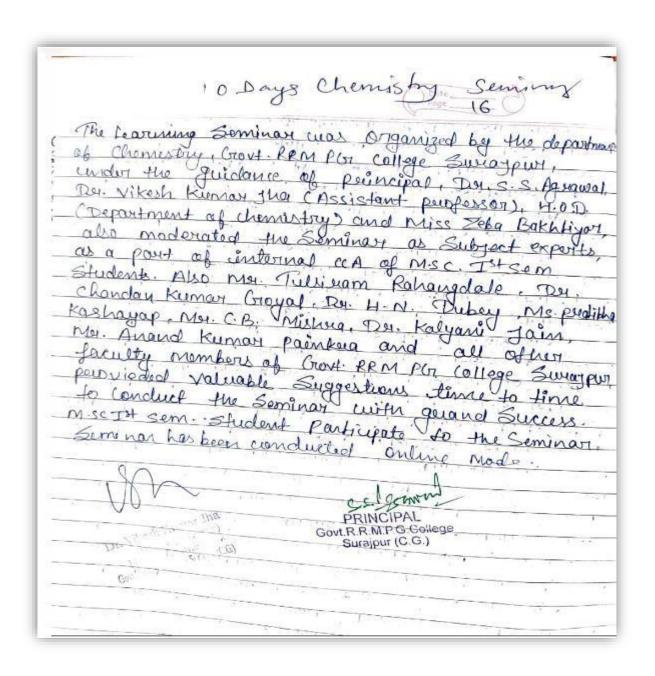
Date (6/8/2021)

Topic: - learning seminar

Expert/speaker: -Dr. Vikesh Kumar Jha (Assistant professor (HOD))

Miss SAYYADA ZEBA BAKHITYAR

Student participate: -M.Sc. 1st sem. students



(14)One day seminar cum workshop

Date (28/6/2021)

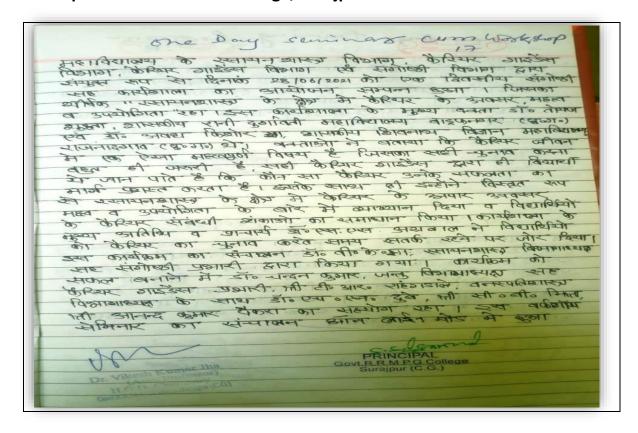
Topic: - Frequency importance and usefulness of career in the field of chemistry

Expert/speaker: -Dr. TEOYAJ SHUKLA (Govt. Rani Durgawati college)

Dr. A. k. JHA

Govt. Shivnath science college, Rajnandgaon (C.G)

Participate: -Govt. RRM PG college, Surajpur All teachers



(15)4 Days training program

Date (7/9/2021-10/9/2021)

Topic: - Social Outreach and Skill Development



Student participate: -M.Sc. 2nd sem. (Chemistry) students

(16)4 Days training program

Date (13/9/2021-16/9/2021)

Topic:-social outreach and skill development

Student participate: - M. Sc. 2nd semester students



(17) Guest seminar/Guest lecture

Date-(29/12/2021)

Topic: -unit conversion and solution preparation

Expert/Speaker- Dr. S.N. Sahu (Asst. Professor Department of chemistry)

Govt. College Balrampur

Students Participate: -M.Sc. First And M.Sc.3rd sem. (Chemistry)

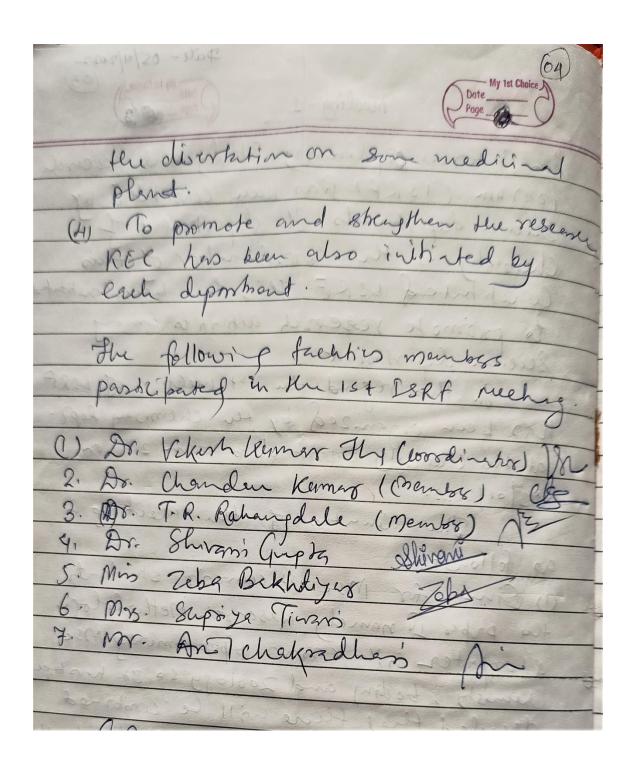
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(18)ISRF MEETING-1

DATE- 05/01/2022

SPEAKER- Dr. VIKESH KUMAR JHA (ASST PROF. & HOD CHEMISTRY)

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(19)KEC MEETING-1 (CONSTITUTION OF KEC)

DATE-06/01/2022

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Department - Chemish Page 2 Establishent of KEC KEC Making D
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(20) KEC MEETING-2

DATE- 07/01/2022

TOPIC-THE CHEMISTRY OF NANOMATERIALS

SPEAKER- Dr. VIKESH KUMAR JHA (ASST PROF & HOD CHEMISTRY)

STUDENTS PARTICIPATED- M.Sc.1st SEM, B.Sc. 2nd & 3rd YEAR STUDENTS

REC meeting D
Topic: > The Chemistry of
Date - 07-01-2022
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Catalysis, biomedical Science, environments
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advanced defense technologies and many
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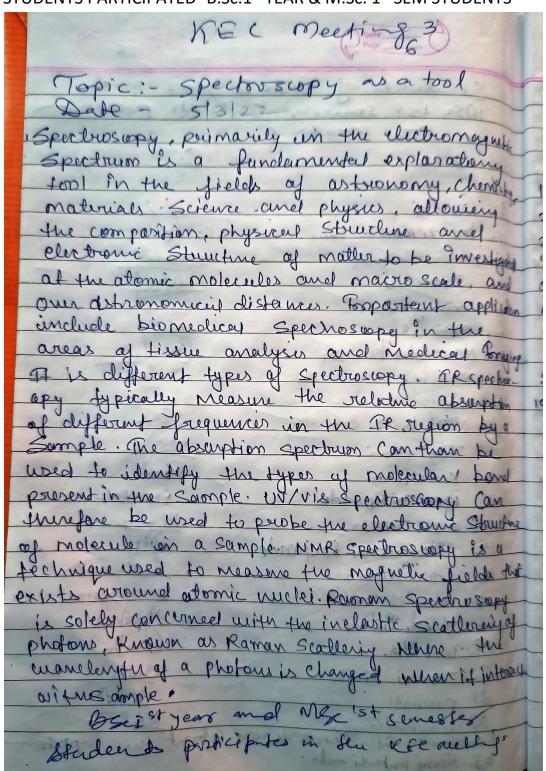
(21)KEC MEETING-3

DATE- 05/03/2022

TOPIC- SPECTROSCOPY AS A TOOL

SPEAKER- Dr. VIKESH KUMAR JHA & Dr. CHANDAN KUMAR

STUDENTS PARTICIPATED- B.Sc.1st YEAR & M.Sc. 1st SEM STUDENTS



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of Spectroscopy has been discussed and
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where spectrosopy and be medel.

(22) Guest Lecture

Date: - 9/3/2022

Topic- Strategy for preparation of (CSIR NET, GATE, SET and other competition exam.)

Expert/Speaker/Guest: - Dr. Sunita S. Sanwaria (Asst. Professor Department of chemistry)

Govt. Naveen Kanya Mahavidyalaya Surajpur (C.G.)

Student participate: - M.Sc. 1st, 2nd and 3rd Sem (Chemistry) students



(23) Seminar (Power point presentation)

Date: - 22/03/2022

9Topic- World Water Day Celebrate

Expert/Speaker- Dr. V.K. Jha, Dr. Chandan Ku., Mr. C.B. Mishra, Mr. A.K. Paikra, Miss Zeba Bakhtiyar

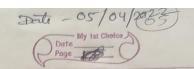
Student Participate- PG.(Chemistry) students



(24) ISRF MEETING- 2

DATE- 05/04/2022

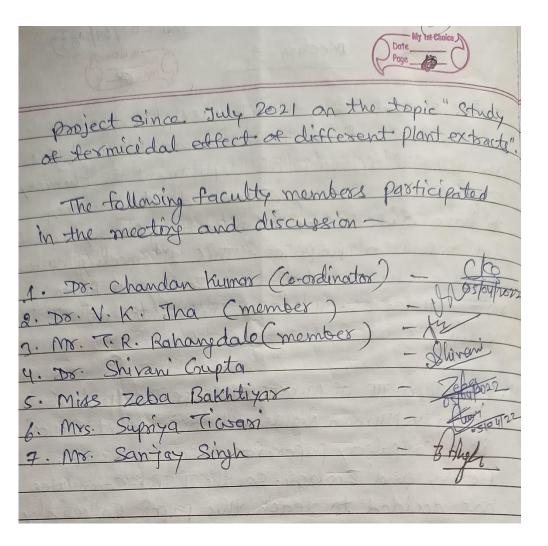
SPEAKER-Dr. VIKESH KUMAR JHA (ASST PROF. & HOD CHEMISTRY)



Today, as April 2022, the Interdisciplinary Study and research from (ISRF) Committee, which is an integral approach of department of chemistry, zoology and Botany organized its mooting to have discussion on interdisciplinary academic and research purposes. This 2nd meeting hasbeen organized by department of Zoology at Room.

no - 83A an asion. 2022. The minutes of the meeting is as follow.

- 1. The Paper-III of M. Sc.-III Semester" Intellectual
 proposity, Human Rights and Environment: Basics"
 is a Compulsory paper-for M. Sc. Chemistry,
 Botany and Zoology. So, the TSRF Committee
 has decided to teach this paper Collectively
 by Dr. Chandan Kumar, H.O.D., Zoology, Gort.
 RAM P.G. College, Surajpur (C. C.)
- 2. To promote the interdisciplinary work department of Botany, zology and chamistry has decided to organize excursion toux for all of the M.SC. Ind Semester students all togethner So that they can get interacted with the students of other departments. The aim of this interdisciplinary work is to expose all students to all these streams of science in presence of departmental faculties. The automa coil be beneficial for all students by resolving their quiry on the Spot.
- 3. To promote the sesearch chrisonment in the College departments, Doth the Zeology and Rotani department has de Continuing the minor research



(25) 3 Days Chemistry Practical Workshop

Day-1

Date:-12/04/22

Topic: - The theory Practical and Demonstration of various chemistry lab apparatus

Expert/Speaker: - Dr. A.K. Jha (Asst. professor and Head Dept. Of chemistry)

(Govt. Shivnath Science College Rajnandgaon)

Student Participate- PG. (Chemistry) Students



Three days Workshop



on

"Analytical instruments handling and their applications"

Date: 12th, 13th & 16th April 2022 Jointly Organized by

Department of Chemistry, Govt. R. R. M. P.G. College, Surajpur Distt.- Surajpur

Department of Chemistry, Govt. Girls College Surajpur Distt.- Surajpur (C.G.



Chief Guest



Dr. A. K. Jha
Assistant Proffessor & Head
Department of Chemistry
Govt. Shivnath Science College,
Rajnandgaon

Dr. S. S. Agrawal
Princpal
Govt. R. R. M. PG College
Surajpur (C.G.), Govt. Girls
College Surajpur Distt.- Surajpur
(C.G.)

Dr. Vikesh Kumar Jha Assistant Proffessor & Head Department of Chemistry Govt. R. R. M. P.G. College, Surajpur



Convenors

Dr. Sunita S. Sanwar Assistant Proffessor & I Department of Chemis Govt. Girls College Surajpur

Day-2

Date-13/04/2022

Topic- Theory, Practical and demonstration of various chemistry lab apparatus

Expert/Speaker: - Dr. A.K. Jha (Asst. professor and Head Dept. Of chemistry)

(Govt. Shivnath Science College Rajnandgaon)

Student Participate- PG. (Chemistry) Students



Three days Workshop



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Department of Chemistry, Govt. Girls College Surajpur Distt.- Surajpur (C.G.)





Chief Guest



Dr. A. K. Jha
Assistant Proffessor & Head
Department of Chemistry
Govt. Shivnath Science College,
Rajnandgaon

Dr. S. S. Agrawal
Princpal
Govt. R. R. M. PG College
Surajpur (C.G.), Govt. Girls
College Surajpur Distt.- Surajpur
(C.G.)

Dr. Vikesh Kumar Jha Assistant Proffessor & Head Department of Chemistry Govt. R. R. M. P.G. College, Surajpur



Convenors

Dr. Sunita S. Sanwaria Assistant Proffessor & Head Department of Chemistry Govt. Girls College, Surajpur

3 Days practical workshop

Date-16/04/2022

Topic-Theory, Practical and demonstration of various chemistry lab apparatus

Expert/Speaker: - Dr. A.K. Jha (Asst. professor and Head Dept. Of chemistry)

(Govt. Shivnath Science College Rajnandgaon)

Student Participate- PG. (Chemistry) Students



Three days Workshop



on

"Analytical instruments handling and their applications"

Date: 12th, 13th & 16th April 2022 Jointly Organized by

Department of Chemistry, Govt. R. R. M. P.G. College, Surajpur Distt.- Surajpur

Department of Chemistry, Govt. Girls College Surajpur Distt.- Surajpur (C.G.)

Patron



Chief Guest



Dr. A. K. Jha
Assistant Proffessor & Head
Department of Chemistry
Govt. Shivnath Science College,
Rajnandgaon

Dr. S. S. Agrawal
Princpal
Govt. R. R. M. PG College
Surajpur (C.G.), Govt. Girls
College Surajpur Distt.- Surajpur
(C.G.)



Dr. Vikesh Kumar Jha
Assistant Proffessor & Head
Department of Chemistry
Govt. R. R. M. P.G. College,
Surajpur



Convenors

Dr. Sunita S. Sanwaria
Assistant Proffessor & Head
Department of Chemistry
Govt. Girls College,
Surajpur

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(26) Guest Lecture

Date-18/4/2022

Topic- Physical chemistry includes Mole Concept, Unit Conversion, solution preparation, Colligative properties,

Thermodynamics etc.

Speaker/Expert-Dr. A.K. Jha (Asst. professor and Head Dept. Of chemistry)

(Govt. Shivnath Science College Rajnandgaon)

Student participate: -Msc.2nd & 4th Sem. Students (Chemistry)

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(27) Special Guest Lecture

Date-13/7/22

Topic- Career opportunities in chemistry after post graduation

Expert/Speaker- Mr. Sanjay Ku. Jain (Asst. Professor)

Govt. RMD Girls PG College (Ambikapur)

Mr. HeeralalSingh (Asst. Professor)

Govt. Naveen College Premnagar

Faculty Members - 1. Dr. Chandan Kumar

2. Mr. T.R. Rahangdale

3. Dr. V.K. Jha

Student Participate- M.Sc. 4th semester students

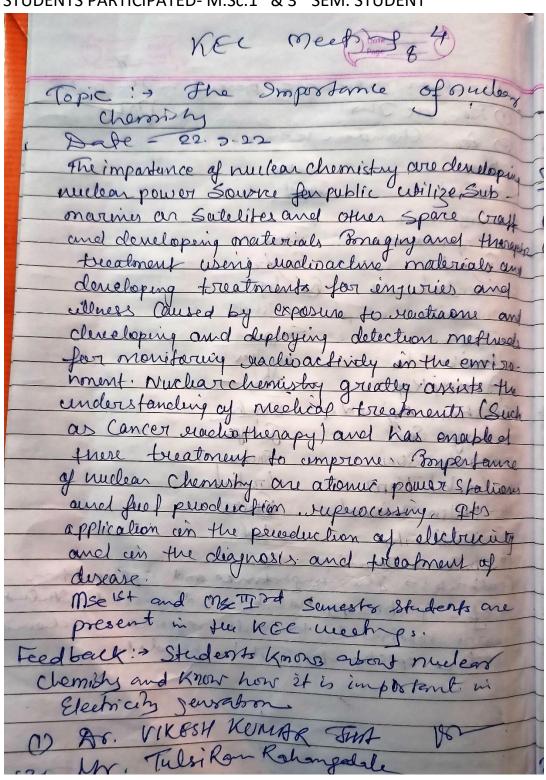


DATE- 22/09/2022

TOPIC- THE IMPORTANCE OF NUCLEAR CHEMISTRY

SPEAKER-Dr. VIKESH KUMAR JHA

STUDENTS PARTICIPATED- M.Sc.1st & 3rd SEM. STUDENT



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(29) KEC MEETING-5

DATE- 21/11/2022

TOPIC- THE APPLICATION OF GROUP THEORY IN CHEMISTRY

SPEAKER- Dr. VIKESH KUMAR JHA (ASST PROF & HOD CHEMISTRY)

STUDENTS PARTICIPATED- B.Sc. 3rd YEAR M.Sc. 1st & 3rd SEM STUDENT

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Date-6/12/22

Topic- The importance of digital Library in the current science under this program

Expert/Speaker-Smt. Neerja Bhagat (Librarian)

Dr. V.K. Jha (Asst. Professor)

H.O.D. Chemistry

Shri Deepchand Ekka (Asst. prof department of

mathematics)

Student Participate- M.Sc. 1st& M.Sc. 3rd sem.



DATE- 08/12/2022

SPEAKER- Dr. VIKESH KUMAR JHA (ASST PROF & HOD CHEMISTRY)

Date-08/12/2022 69
Date My an Ghoto Ap 2
Meeting 4 Page Page
The ISRF weeting has been organized by the department of chemishing on
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(2) The PG 8 students are also allowed to
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are present as the second of t
discussion.
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2. Mr. J. R. Rahangdele (Membrs) (18/12/22
2. Mr. T. R. Rahangdale (Member) (18/12/22 3. Dr. Chandarn Kumaz (Member) (18/12/22
4. Dr. Sh vam Gupda
6. 10165. Zeba Bakhtyas Tebes
6. 8mt. Supriya Piccos

(32) Special guest lecture

Date-16/1/2023

Topic- Chemical Dynamic

Expert/Speaker- Dr. Ashish Tiwari (Principal)

Govt. college Jarhi

Student Participate- M.Sc.1st semester students



Date - 30/1/2023

Topic- Removal of Heavy Metal through adsorption

Expert/Speaker- Dr. Ashish Tiwari (Principal)

Govt. college Jarhi

Student Participate- M.Sc. 3rd Sem. students

