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the paper



the official quarterly newsletter of
Department of Chemistry, JIST

75
Azadi Ka
Amrit Mahotsav

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THIS ISSUE'S THEME:

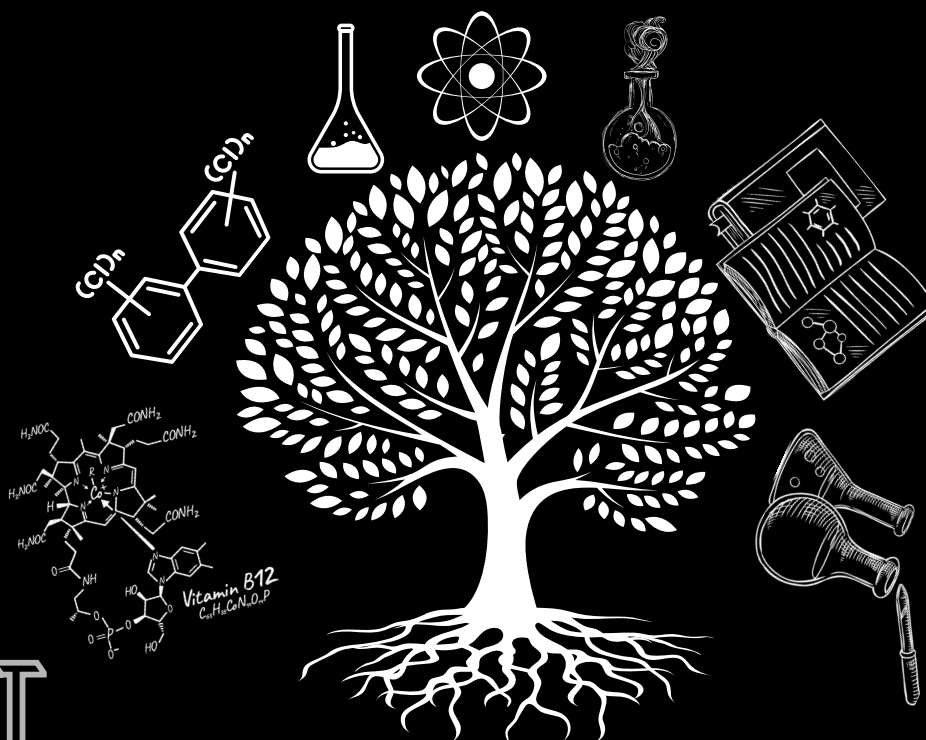
Chemistry in Ancient India

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75 Azadi Ka Amrit Mahotsav



Department of Chemistry, JIST pays glowing tribute to all the martyrs and freedom fighters of the independence movement on the auspicious occasion of 76th Independence Day.



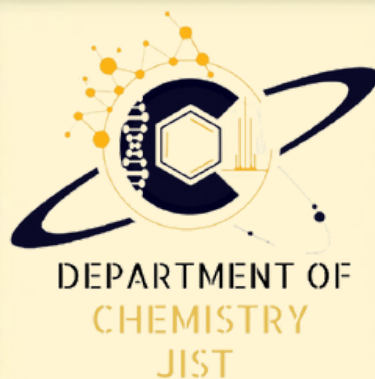
ଫିରାଲ ଥିଏ ହବିଂସ ଦେଇକ

I feel happy that Department of Chemistry has brought out the third issue of the quarterly newsletter **The Lustre** by enchanting the theme *Chemistry in Ancient India* on this auspicious occasion of **Azadi ka Amrit Mahatsov**. It features news and achievements of our impactful students, faculties, staff and alumni. The department is committed to pursuit of excellence in teaching and also to engage in quality research. Our aim is to provide safe, positive and intellectual learning environment to the student's community which will help them to apply knowledge and to become successful in future endeavour.

I express my heartiest congratulations to the students and faculty members who are behind the success of **The Lustre**. I wish all the students, faculties and staff a pleasant and successful semester in the department.



Dr. Parasa Hazarika
Assistant Professor
and
HoD, Chemistry



about the department

The Chemistry department was established in the year 1971 offering B.Sc. honors course. M.Sc. and PhD courses in Chemistry were introduced from the academic session 2017-18 and 2018-19 respectively under ASTU, Guwahati. Alumni of this department excelled in various field such as research, industry and teaching etc. Our ex-students have done their PhD in reputed national and international Institutes like, NCL, Pune, IITs, Indian Institute of Science, Bangalore, Indian Institute of Chemical Technology, JNCASR, Bangalore (one student has done his PhD under Prof. C.N.R. Rao).

Departmental Activities

- JIST Chemistry Society organized a Science talk on "Chemical Science and Technology for Sustainable Development" on 22nd June which was delivered by Dr. Bhaskar Jyoti Sarmah.
- Faculties and students attended a Symposium jointly organized by CSIR-NEIST and the Royal Society of Chemistry on "Chemical Education in Self Reliance: A Global Perspective" held on 25th June.



અચાર્ય જોરજીબાઈ ચંદ્રા રાય, બ્રહ્મ અને દલોન્ટ ઇન્ડિયન સેલોન્ટ. તે દલોન્ટીકેશન થે ફિલ્ડ લોન્ટેરન ઇન્ડિયન સેલોન્ટે ઇલેન્ટી ઇન સેલોન્ટીયુ (પ્રોફેસર ઓફ સેલોન્ટ) અને તે સેલોન્ટે બે થે ફિલ્ડ ઓફ સેલોન્ટે ઇલેન્ટે ઇન ઇન્ડિયા



- in ancient india, theलोड्रु was तल्लेद राइयुन इहाइरा,
राइ-चोदु, राइतान्त्रा and राइकरुगु वी र् व्होचे लुपुगु
लुन 'इल्लेन्ट र् लिक्विड'. थेरु वल्लेद इल्लेन्ट थेल्लेन्ट
लैल्लेन्ट and थेल्लेन्ट वल्लेद, व्होचे वल्लेद
राइकरुगु-नल्लेन्ट and राइकरुगु-इहाइ, व्होचे लिटरल्ले
लुन, 'इल्लेन्ट व्होचे लिक्विड and इल्लेन्ट'.

વે. બિહારકર પ્રોત્તિ ફાર્મા

1. Delivered a talk on Clean Particles for **Green and Healthy Nation** in "National Seminar and Student Research Conclave on Issues and Challenges of Environment Safety for Sustainable Development" organized by IQAC, IIC-JKM, Community College and Science and Technology Forum, Jorhat Kendriya Mahavidyalaya held during 5th to 7th June, 2022.
2. Participated in Symposium jointly organized by CSIR- NEIST and the Royal Society of Chemistry on "Chemical Education in Self Reliance: A Global Perspective held on 25th June 2022.
3. Delivered a talk on "**Chemical Science and Technology for Sustainable Development**" on 22nd June as a part of Science talk series organized by JIST Chemistry Society

નગ્જાર્જુનકા વાકે અ કિલ્લપુકે કોલેક્ટોરેટ વોર વાકે ભોરન ને ક્કા કલે નકાર તેકે કિલ્લપુકે લેલ્પોલે ઓ ફોલ્લનકે ને ક્કુજારકે. હે લાકલે વાર્ગેલ્પુકે દીર્ઘોલે તો કોનવર્ટ કલેકે લેલ્કોલે નેત્ર ક્કોલે. બુટ તેઓકે હે કોલ્ડે નોટ સુક્કલેલે, તેકે લેલ્કોલે વોલે કલેલે અ પુલ્લોલ્કોલે બ્રીલ્લિઅન્ટ વોલેલે વાકે તેકે કલેકેલે ઓ લેલ્કોલેલે જલ્લોલેલ્પુ વોલેલે ને પલ્લેલે દલ્લેલે તોલ્લુ. હે વાર્ગેલે તેકે કોલેક્ટોલેલેલે લેલ્લેલેલેલેલેલે, વોલેલેલે વાકે પાર્ટ ઓલેલેલેલેલેલે લેલ્લેલેલેલેલેલેલેલે.

ଡଃ. ହିରୋକି ପ୍ରତାପ ବୋରାକ



A paper entitled
**"Extraction of Malic acid
from Dillenia indica in
organic solvents and its
antimicrobial activity"**
has accepted in
"Separation Science and
Technology".

ଡଃ. ଇହାଦ୍ଦିହାତା ପ୍ରାଣବ ବୋରାକ



1. A paper entitled **"Phosphoric acid assisted synthesis of fluorescent carbon dots from waste biomass for detection of Cr(VI) in aqueous media"** has been published in "Materials Chemistry and Physics" Volume number: 286 Year: 2022, Page number: 126133

2. Participated in National Seminar and Student Research Conclave on Issues and Challenges of Environment Safety for Sustainable Development" organized by IQAC, IIC-JKM, Community College and Science and Technology Forum, Jorhat Kendriya Mahavidyalaya held during 5th to 7th June, 2022.

3. Participated in Symposium jointly organized by CSIR-NEIST and the Royal Society of Chemistry on "Chemical Education in Self Reliance: A Global Perspective held on 25th June 2022

Student Activities



Neelav Kalita, a student of B.Sc. 4th semester, won the **Silver Medal** in the open category at the 13th International Karate Championship held in Kathmandu, Nepal



Anuradha kakoty, a student B.Sc. 6th semester secured **first position** in **the poem comepetition** organized on the occasion of **World Environment Day, 2022** by the Department of Physics, JIST

the indus valley civilization was the earliest society, which had developed an elaborate urban system depicted in terms of streets, public bath, temples and granaries etc. they also had the means of large production of pottery, houses of baked bricks and a script of their own. it was an era that the story of early civilization in india begins from here



Presented a full paper entitled **Synthesis and Characterization of Modified Montmorillonite Clay Supported Bismuth Nano particles** in National Seminar and Student Research Conclave on Issues and Challenges of Environment Safety for Sustainable Development” Organized by IQAC, IIC-JKM, Community College and Science& Technology Forum, Jorhat Kendriya Mahavidyalaya held during 5 th to 7 th June, 2022.

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photo gallery



Chenijaan, Assam, India
JIST Q7PQ+6J7, Sotai, Chenijaan, Assam 785101
Lat 26.785699°
Long 94.288639°
22/06/22 01:27 PM

Dr. Bhaskar Jyoti Sharma delivering the science talk organized by JIST Chemistry Society on 22-06-2022



Chenijaan, Assam, India
JIST Q7PQ+6J7, Sotai, Chenijaan, Assam 785101
Lat 26.785699°
Long 94.288639°
22/06/22 01:28 PM

Students attending the science talk organized by JIST Chemistry Society on 22-06-2022



Official flyer of the science talk held on 22-06-2022

photo gallery



Students of M.Sc. along with Mr. Shashwata Pratim Borah at CSIR-NEIST.



Students of the outgoing M.Sc. Batch



Students of the outgoing B.Sc. Batch

ଅଦିତରୀ board



ଅଦିତରୀ
ଡଃ. parash hazarika



ଅଦିତରୀ
ଡଃ. bhaskar jyoti baruah



ଅଦିତରୀ
ମ୍ର. bhaishwata pratib borah



ଅଦିତରୀ
ଡଃ. hirok jyoti borah



student ଅଦିତରୀ
ankur jyoti bhuyan

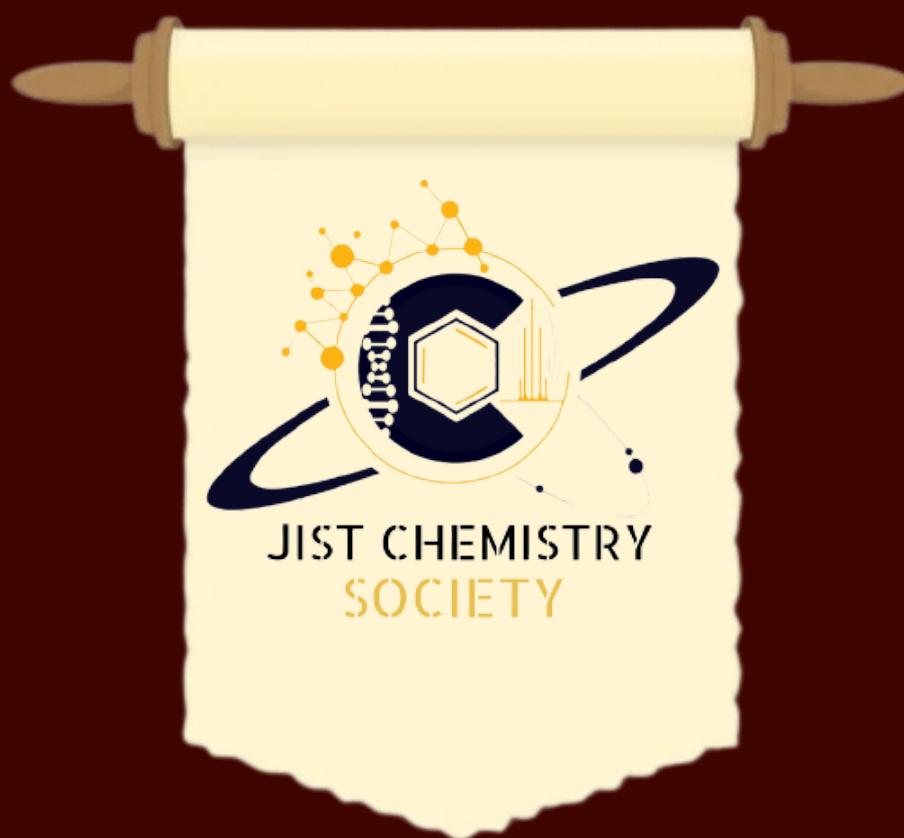
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