



## Shiv Chhatrapati Shikshan Sanstha's

## Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

(NAAC Reaccredited B++ Grade (Cycle III) with CGPA 2.99 and UGC-CPE Status)

## **Department of Chemistry & Analytical Chemistry**

- Report On -

Science and Engineering Research Board (SERB)

- Sponsored -

Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC 2021-2022)

(11.03.2022 to 12.03.2022)

File Number SSY/2021/000381

Organized by

Department of Chemistry and Analytical Chemistry Rajarshi Shahu Mahavidyalaya (Autonomous), Latur-413 512 (Maharashtra)

# Science and Engineering Research Board (SERB) Sponsored

Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC-2022)
[11.03.2022 to 12.03.2022]

Science and Engineering Research Board (SERB) Sponsored Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC-2022) was organized on 11.03.2022 to 12.03.2022. There were 152 participants registered for Symposium from various universities, institutes and colleges including Maharashtra, Goa and Telangana states of India. Out which around 32 participants from different parts of the country submitted Research papers for publication in UGC Care listed Asian Journal of Organic and Medicinal Chemistry (ISSN:2456-8937). There were One (01) Key Note Address session and Six (06) Technical sessions which included 03 out of state speakers, and 03 speakers from Maharashtra. Out of six speakers 03 were Senior Scientist and 03 were Young Scientist from renowned institutes doing noteworthy teaching and research in Chemical Sciences and Emerging Materials.

The inaugural function was held on 11<sup>th</sup> March 2022 at 10:30 AM. Hon'ble, Dr.Gopalrao Patil, President, Shiv Chhatrapati Shikshan Sanstha, Latur Chaired the inaugural function. The symposium was inaugurated by Prof. Sheshanath V. Bhosale, UGC-Professor, School of Chemical Sciences, Goa University, Goa. Chief Organizer, Principal Dr Mahadev Gavhane, Vice-Principal Prof S.N. Shinde and HoD Dr. Dhananjay G. Palke, Department of Chemistry and Analytical Chemistry, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur along with all the staff members of the Department were present for the inaugural function.

The session wise summary of the Science and Engineering Research Board (SERB) Sponsored Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC 2021-2022) is depicted below.

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## Glimpses of Inaugural Function



Dignitaries Lightening the Lamp



Welcome Song



Dr. K.I.Momin Delivering Concept Note of Symposium



Dr. Mahadev Gavhane Delivering the Welcome Address



Chief Guest Prof. Sheshanath Bhosale Delivering Inaugural Speech.



Dr. Gopalrao Patil, President of SCSS, Latur, Delivering the Presidential Address



Mr. M.S.Sudewad Proposing Vote of Thanks

Rajarshi Shahu Mahavidyalaya

EMCC 2021-22 (11.03.2022 to 12.03.2022)

Friday, 11.03.2022 12:00 Noon to 1:00 PM



Senior Scientist

Session I : Key Note Address: Concept Transfer from Nature

Prof. Sheshanath V. Bhosale, FRSC, ARC-FF, ARC-APD, MRACI UGC-Professor, School of Chemical Sciences, Goa University, Goa.

He has worked for several different organizations in various countries that include India, Germany, Switzerland and Australia. In total he has published 213 peer reviewed A\*/A journals including 22 cover page articles and overall citations are >5700 and 1 book and 9 book chapters. Under Dr. Bhosale's supervision, 8 PhD's, 1 Master by research student and 4 honors students completed their degree.

The keynote address was focused on synthetic strategies of small organic molecules with possible applications in Nanomaterials and Yoctomaterials, Self-Assembled Supramolecules, Chemo and Biosensors, lipid chemistry, bioorganic chemistry, artificial photosynthesis and organic solar cells. Through his talk he made delegates to explore importance of research. He also highlighted on chemistry in nature and its transformation towards advancements.



Prof. Sheshanath Bhosale Delivering Keynote Address



Prof. Sheshanath Bhosale Interacting with Delegates during Session

Friday, 11.03.2022 02:00 PM to 2:45 PM

Session I: Designing Green Organic Synthesis



Dr. Dipak S. Dalal, M.Sc.(Organic Chemistry), Ph.D., SET & GATE.

Professor and Head, Department of Organic Chemistry,

School of Chemical Sciences, KBC NMU, Jalgaon. He is thorough teaching experience of 16 years. Under Dr. Dalal's Supervision Eight (08) Research Scholars have procured doctoral degree. Hitherto, he has published 50 Plus Research Papers in national & International renowned peer reviewed journals. He has various prestigious awards/Fellowships/prizes on his account such as DST Fast Track Young Scientist. North Maharashtra University Publication Awards, and Excellent Paper Award at Beijing, China for Research Paper in Chinese Chemical Letters 2015, 26, 1273-1277.

**Senior Scientist** 

The talk focused on the Green Methodologies Catalyzed by various green motifs such as beta cyclodextrins which are very cost effective materials also he highlighted that — the mole ratio can play vital role in organic synthesis methodologies. He also focused on Enhanced Atom economy during synthesis. He has given glimpses of Host- Guest supramolecular Chemistry to the delegates. The talk concluded with the importance of greener approaches in today's ever-growing era of technology.



Dr. Dipak Dalal Presenting Green Methodologies of Synthesis Dr. Dipak Dalal Addressing the Participants

EMCC 2021-22 (11.03.2022 to 12.03.2022)

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Friday , 11.03.2022 02:45 PM to 03:30 PM Session II: Ionic liquids: Promising Green Alternatives



**Dr. Gaurav R. Gupta**, SLET, Ph.D., Post Doct. Assistant Professor, G.T.P. College, Nandurbar-425412.

Young Scientist

The eminent speaker has done his Post-Doc. at Institute of Chemical Technology, Matunga, Mumbai. He is working in diverse research areas like Ionic Liquids, Organometallic Cross-coupling Chemistry, Reactions, High Pressure Organic Transformations, Polymer Formulations, Polymer Degradation, Polyanilines, Specific Heat Capacity Measurements using DSC, TGA-DTA Analysis, Biodiesel Preparation using Ionic Liquids, Biodiesel Blends, Density Measurements, Mass Spectrometry, Inclusion Complexes of Urea and Cyclodextrin.

The scholar opened the session with ionic liquids, its importance and SWOT analysis of ionic liquids. He elaborated the plausible routes for ionic liquid mediated organic syntheses. He discussed synthesis and thermal study of 2-aminothiazole, Heck reaction in spongy ionic liquids. He concluded the session by the suggestion "a sustainable synthesis of chemicals of high commercial and biological relevance via Heck cross-coupling reaction with homogeneous palladium catalysts in surfactant ionic liquid is achievable."



Dr. Gaurav Gupta Presenting his research work in Session-2 on 11/03/2022



Dr. Gaurav Gupta Presenting his research work in Session-2 on 11/03/2022

Friday , 11.03.2022 03:30 PM to 05:00 PM

Oral Presentation

In oral presentation Six (06) participants presented their research work.

Ist Prize - Mr. Shailesh Birajdar, (IICT, Hyderabad)

IInd Prize - Mr. Kerba More, (Goa University, Goa)



Oral Presentation of Delegates on 11/03/2022



Oral Presentation of Delegates on 11/03/2022



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Oral Presentation of Delegates on 11/03/2022



Oral Presentation of Delegates on 11/03/2022



Oral Presentation of Delegates on 11/03/2022

Friday , 12.03.2022 10:00 AM to 10:45 AM Poster Presentation

Ist - Mr. Niranjan Bansode, (Dayanand Science College, Latur)
 II<sup>nd</sup> - Mr. Mudassir Pathan and Daud Pathan, (Rajarshi Shahu Mahavidyalaya (Autonomous) Latur)



Poster Presentation



I<sup>st</sup> - Mr. Niranjan Bansode, (Dayanand Science College, Latur)

II<sup>nd</sup> - Mr. Mudassir Pathan and Daud
 Pathan, (Rajarshi Shahu Mahavidyalaya
 (Autonomous) Latur)

Saturday, 12.03.2022 10:45 AM to 11.30 AM Session III: GOING GREEN in Organic Chemistry



Dr. Dilip V. Vasava, M.Sc., B. Ed., Ph.D., GSET Assistant Professor Department of Chemistry, School of Sciences Gujarat University, Ahmedabad.

Dr Vasava has published 43 peer reviewed research papers. He has completed various research projects funded by UGC and Government of Gujarat. He has filed Six patents in Chemistry. He has bagged various prestigious National and International awards.

**Young Scientist** 

He elaborated in his talk that Green chemistry is unlike cleaning up pollution (remediation), which involves treating waste streams (end-of-the-pipe treatment) or cleanup of environmental spills & other releases. The technology reduces or eliminates the hazardous chemicals used to clean up environmental contaminants. The learned highlighted Green approaches with several reactions which gives better yield in safer practices. He suggested various methods of Green synthesis which include Physical and chemical methods, Biological methods, Green synthesis of organic compounds, Metal salts, complexes and MOFs, Metal nanoparticles, Non metal elemental nanoparticles, Metal and non-metal oxide nanoparticles, Nanoparticles of other chemical compounds, Materials, nanomaterials, composites and hybrids, Organic synthesis design by softwares.



Dr.Dilip Vasava Presenting his research Interaction of Dr. Dilip Vasava with work in Session-3 on 12/03/2022



delegates

Saturday, 12.03.2022 11.45 AM to 12.30 PM

**Session IV:** Supramolecular Interactions, Self-Assembly and Applications



**Dr Sidhanath V. Bhosale,** Ph.D., PDF (Switzerland) Principal Scientist, CSIR-IICT Hyderabad, India.

**Senior Scientist** 

Dr. Bhosale has worked as a Scientist at JVK Biosciences, Hyderabad. He has completed various research projects funded by DST, DAE (BRNS). He has published 122 research papers in reputed National and International journals. Currently he is working in the Indian Institute of Chemical Technology, Hyderabad as Principal Scientist in Polymers and Functional Materials Division.

He started his session with the phrase "Research is More than a Job: It's Human Imperative". He flourished Nature of Supramolecular Interactions and Role of Various Non-Covalent Interactions with the help of various examples and chemical transformations. He focused properties and influence of water and pH on non-covalent interaction. He concluded the session by highlighting the role of non-covalent interaction in creation, functioning and maintenance of biological systems.



Felicitation of Resource person Dr Sidhanath V. Bhosale by auspicious hands of Dr. M.B. Swami



Dr Sidhanath V. Bhosale presenting his research work Session IV

Saturday, 12.03.2022 12.30 PM to 01.45 PM Session V: Total Synthesis of (-) Aureonetol and their Evaluation of Biological Activity



Young Scientist

**Dr. Vijaykumar S. More,** M. Sc., Ph.D., PDF (Japan) HoD Chemistry, Kai. Rasika Mahavidyalaya Deoni.

He received various research fellowships and awards like, Outstanding Post Doctoral fellow award by ETLS-2021, Research Assistant fellowship by ITQB, Portugal. He is working in the field stereoselective construction of natural products, design and synthesis of bioactive compounds and new synthetic methodologies.

Dr. More started his session with the introduction of furan and role of substituted furan in the natural products. He suggested the natural occurrence and application of furan derivatives in anti-influenza drug moiety which has enough scope to develop a synthetic route for it. He explained his scheme of synthesis of Aureonetol, before that he explained the salient features and drawbacks of yet reported methods by various studies in the synthesis of Aureonetol. He said that only two methods are reported and he is third one who reporting his method of successful synthesis. He proposed a total synthesis of Aureonitol from cheaply available (D)-mannitol, more economic, with very simple route.



Chairperson Dr. Manorama Motegaonkar feliciting Dr. Vijaykumar S. More



In Session V Dr. Vijaykumar S. More presenting his research work before the delegates

Saturday, 12.03.2022 02:30 PM to 03.15 PM Session VI: Environmental pollution and Ozone layer Depletion.



Prof. Shivaji Balwantrao Patwari, M. Sc., Ph.D.

HoD Chemistry, Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Dist. Nanded.



Dr. Patwari is working in diverse areas of Research vizard Chemical Kinetics, Photochemistry, Synthetic Chemistry, Solid State Chemistry, Catalysis, etc. He is appointed as a Secretary of Indian Society of Analytical Scientists, BARC, Mumbai (Dharmabad Chapter). He is honored by Nomination as One of the TOP-100 Scientists-2013 by IBC, Cambridge, England. He completed one (01) Minor Research Project sponsored by UGC. He has Published 43 Research Papers in reputed International/National journals.

**Senior Scientist** 

The talk has taken the overview of Environmental pollution and Ozone layer Depletion. He correlated the Green approach to reduce the environmental pollution. He highlighted his talk on Ozone layer Depletion, Halogen catalysis of ozone degradation.



Felicitation of Prof. Shivaji Balwantrao Patwari by Dr. Ganesh Nagargoje



Prof. Shivaji Balwantrao Patwari highlighting on Green approach in Session VI on 12.03.2022

The last session of Symposium was the valedictory function. Principal Anirudh Jadhav, Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur was the Chairperson; and distinguished personality Prof. Shivaji Balwantrao Patwari, Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Dist. Nanded as chief guest.

Chief Organizer, Principal Dr Mahadev Gavhane grace this occasion by his presence and HoD Dr. Dhananjay G. Palke, Chemistry and Analytical Chemistry, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur along with all the staff members of the Department were present for the valedictory function.

The organization of this Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC 2021-2022)" because of financial support from Science and Engineering Research Board (SERB). Thanks to Dr. Sukumar Dey (Scientist-C, SERB), Under Secretary SERB, New Delhi for kind and timely support.



Chief Organizer, Principal Dr Mahadev Gavhane Felicitating Honorable Anirudh Jadhav, Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur



Felicitation of Chief Guest prof. Shivaji Patwari by Honorable Anirudh Jadhav



Overview on Symposium Dr.Dhananjay Palke, HoD



Felicitation of first winner in Poster presentation

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

by



Felicitation of Second winner in Oral presentation



Felicitation of First winner in Oral presentation



Feedback Remarks By delegates



Feedback Remarks By delegates



Chief Guest Prof.S.B.Patwari delivering speech in Valedictory function



Interaction of Prof.S.B.Patwari with delegates.



Presidential address by Honorable Anirudh Jadhav



Interaction of Honorable Anirudh Jadhav with delegates



Convener of Symposium Dr Kalimoddin Momin expressing vote of thanks.



Programme is concluded by National Anthem

Dr Kalimoddin Momin Convener

Dr Dhananjay Palke
Organizing Secretary and HoD
Separtment of Chemisury

selershi Shahu Mahavidyalawa LATUR-413617 Dr Manadev Gavhane Chief Organizer and Principal





## Science and Engineering Research Board (SERB)

## **Sponsored**



Two Day National Symposium on "Emerging Material: Chemistry and Challenges-2022" (EMCC 2021-2022)

(11.03.2022 to 12.03.2022)

Organized by Department of Chemistry and Analytical Chemistry Rajarshi Shahu Mahavidyalaya (Autonomous), Latur Maharashtra

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## 'राजर्षी शाह'मध्ये परिसंवादाचें आयोजन

लात्र : राजर्षी शाह महाविद्यालयात -रसायनशास्त्र आणि विश्लेषणात्मक रसायनशास्त्र विभाग, अभियांत्रिकी संशोधन बोर्ड नवी दिल्ली यांच्या सैयुक्त विद्यमाने 'उदयोन्मुख द्रव्य : रसायनशास्त्रातील आव्हाने' या विषयावर दोन दिवसीय राष्ट्रीय परिसंवाद ११ व १२ मार्च रोजी होणार आहे. गोवा विद्यापीठातील प्रो.डॉ. ेशेषनाथ भोसले, डॉ. सिद्धनाथ भासले, प्रो. शिवाजी पटवारी, डॉ. संगीता माकोणे, डॉ. संतोष देवस्कर, य्रो, दीपक दलाल, डॉ. आर. जी. गुप्ता, डॉ. दिलीप वसावा यांची प्रमुख उपस्थिती राहणार आहे. कार्यशाळेला उपस्थित राहण्याचे आवाहन प्राचार्य हों. महादेव गव्हाणे यांनी केले आहे.

## National symposium concludes in Latur

LOKMAT NEWS NETWORK LATUR, MARCH 28

A two-day national symposium on Emerging Material: Chemistry and Challenges organised by Shahu Rajarshi

Rajarshi Shahu
Mahavidyaly concluded
here recently.

The event was organised
by the department of
chemistry and analytical
chemistry of the college
and science and engineering research board, New
Dolbi

Delhi.
Dr S B Patwari of Lalbahadur Shastri
M a h a v i d y a l a y a.
Dharmabad, was the chief
guest for the valedictory
function the event. He
stressed on the importance of research and
research aptitude. This
valedictory function of
the symposium was
chaired by principal of

Chattarapati Sanstha, Shiv Shikshan

Shiv Shikshan Sanstha, Aniruddha Jadhav who focused on the initiatives and importance of Research. Dr M H Gavhane, principal and Dr S N Shinde, vice-principal of the college gave their special presence for the symposium.

Dr D G Palke briefed out the review on overall symposium. Dr Priti Pohekar anchored the valedictory function Dr K I Momin proposed a vote of thanks. Dr Kundan Tayade, Maroti Sudewad, Akshay Bhandare, Vasant Dhumal, Maheshkumar Jadhav, Umar Sayaad and Hina Sayyad, Supriy Kamble, Poonam Wavargire, research students of the department made efforts to make this symposium a success.

News Paper Clipping Regarding Arrangement of Symposium, News Paper: Lokmat, Publication Date: 09.03.2022



15 Mar 2022

## राजर्षी शाह् महाविद्यालयात दोन दिवसीय राष्ट्रीय परिसंवाद

राजर्षी शाहू महाविद्यालय (स्वायत्त), लातुर येथील रसायनशास्त्र आणि विश्लेषणात्मक विभागाअंतर्गत विज्ञान रासायनशास्त्र अभियांत्रिकी संशोधन संस्था, नवी दिल्ली, अनुदानित दोन दिवसीय राष्ट्रीय परिसंवाद 'उदयोन्मुख द्रव्येः रसायनशास्त्र आव्हानें या विषयावर झाला.

राष्टीय परिसंवादाच्या समारोपाच्या कार्यक्रम प्रसंगी प्रमुख पाह्णे म्हणून प्रो. डॉ. एस. बी. पटवारी उपस्थित होते. या प्रसंगी विद्यार्थ्यांना संशोधनाकडे वळवणे, त्यांच्यामध्ये संशोधक वृत्ती निर्माण करणे हाच परिसंवादाचा उद्देश असतो. संशोधनाने जीवन सुकर वनत आणि संशोधनासाठी मुलभूत गोष्टी माहित असणे आवश्यक आहे.

देशाला मुलभूत संशोधनाची गरज आहे तेव्हा संशोधनाकडे सकारात्मक दृष्टीने पाहिले पाहिजे. संशोधनामुळे जग सुखी होईल, असे विचार डॉ. पटवारी यांनी मांडले. परिसंवादाच्या समारोपाच्या अध्यक्षस्थानी, लातर

पॅटर्नचे जनक व शिव छत्रपती शिक्षणसंस्था, लातूरचे सचिव प्राचार्य डॉ. अनिरुद्ध जाधव हे उपस्थित होते.

या प्रसंगी त्यांनी देशाच्या प्रगतीसाठी नवनवीन संशोधन होणे अत्यंत गरजेचे आहे व भारतीय संशोधकांना आंतरराष्ट्रीय पातळीवरील संधी यावर विवेचन केले. समारोप कार्यक्रमासाठी शाह महाविद्यालयाचे प्राचार्य डॉ. महादेव गव्हाणे व उपप्राचार्य प्रा. सदाशिव शिंदे यांची प्रमुख उपस्थिती लाभली.

राष्ट्रीय परिसंवादाच्या समारोप प्रसंगी प्रास्ताविकपर विवेचन विभागाचे विभागप्रमुख डॉ. डी. जी. पालके यांनी केले. तसंच कार्यक्रमाचे सूत्रसंचालन डॉ. प्रिती पोहेकर यांनी केले. व आभारप्रदर्शन परिसंवादाचे संयोजक डॉ.

के. आव. मोमीन यांनी मानले. या दोन दिवसीय राष्ट्रीय परिसंवादासाठी देशभरातून महाराष्-टू, गोवा, गुजरात, तेलंगाणा, कर्नाटक आदी राज्यातून संशोधकांनी एकुण १६१ सहभाग नॉदवले गेले. तसेच एकुण ३२ शोधनिबंध युजीसी केअर मधील नियतकालिकात प्रकाशनासाठी पाठविण्यात आले.

या प्रसंगी रसायनशास्त्र विभागातील, डॉ. कुंदन तायडे, प्रा. मारोती सुदेवाड, प्रा. अक्षय भंडारे, प्रा. वसंत धुमाळ, प्रा. महेशकुमार जाधव, प्रा. उमर संय्यद, प्रा. हिना संय्यद, प्रा. सुप्रिया कांबळे व प्रा. पुनम वावरगिरे तसेच संशोधक विद्यार्थी आणि विविध महाविद्यालयातृन आलेले प्राध्यापक उपस्थित

Dr Kalimoddin Momin

Dr Dhana Department of Chemisury

Organizing Sept Bhary Mid avidyalayal

ADTUR ATTES

(Autonomous), Latur

Convener



## Science and Engineering Research Board

(a statutory body of the Department of Science & Technology, Government of India)

5 & 5A,LGF, Vasant Square Mall Sector-B, Pocket-5, VasantKunj, New Delhi – 110070

Date: 31.03.2022

## Statement of Expenditure & Utilization Certificate

(Financial Assistance to Seminar / Symposia)

SERB Sanction No: SERB/F/9181/2021-22/dated 25 February 2022

 Name of Academic Institution / University / Society etc. under whose auspices the Seminar / Conference / Workshop / Symposium etc. was organized:

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, Kaku Seth Ukka Marg, Chandra Nagar, Near Central Bus Stand, Latur.

- 2. Title of the Seminar / Conference / Workshop / Symposium etc.: "Emerging Material: Chemistry and Challenges (EMCC-2022)"
- 3. Duration / Period of the organized event:

	From		i in	То	
Date	Month	Year	Date	Month	Year
11	03	20 22	12	03	20 22

- 4. Grant Sanctioned / Released:75,000 /- (Rupees Seventy-Five Thousand Rupees Only)
- 5. Out of Total expenditure of Rs. 161895/- (One Lakh Sixty One Thousand Eight Hundred & Ninety Five Rupees only ) SERB Grant of 75,000 /- (Rupees Seventy Five Thousand Rupees Only) has been utilized as per the details given below:

S. No	Budget	Amount (Rs)
	Head	
I.	Domestic Travel for Young and Senior Scientists     (Indian Only)	39400/-
II.	2. Pre-Conference Printing (Announcements, abstracts etc.)	20866/-
III.	3. Contingencies (Stationary items, Working Tea / Lunch, Audio-Visuals etc.)	98045/-
IV	4. Other	3584/-
	Total ('Rs.)	161895/-

6. Brief details of total income and expenditure:

Income (in Rupees)		Expenditure (in Rupees)	
1. By Registration	69500	1. Domestic Travel for Young and Senior Scientists (Indian Only)	39400/-
2. By Donations		2. Pre-Conference Printing (Announcements, abstracts etc.)	20866/-
3. By advertisements	W-14	3. Contingencies (Stationary items, Working Tea / Lunch, Audio-Visuals etc.)	98045/-
4. By Grant from SERB	75000	4. Printing of Proceedings	
<ol><li>By Other Funding Agencies</li></ol>		<u> </u>	
6. College Contribution	17395	5. Other etc. (please specify)	3584/-
Total (in Rupees) (Rupees)	161895/-	Total (in Rupees) (Rupees)	161895/-

Signature of Convener (Dr. Kalimoddin Momin)

Signature of Accountant/ Finance Officer

Signature of Principal
(Dr. Mahadev Gavhane)
PRINCIPAL

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Signature of Chartered Accountant

For Rushikesh Ashok & Co. LL Chartered Accountants

CA Rushikesh Shivajirao Patil

(Partner) M.No.180500

UDIN. 22180500 AGIGDV4139

#### FORM G.F.R. 19 A

## UTILIZATION CERTIFICATE

(IN DUPLICATE)

SERB SanctionNo: SERB/F/9181/2021-22/dated 25 February 2022

Date:31.03.2022

Certified that out of Rs. 75,000 /- (Seventy Five Thousand Rupees Only) of grants-in-aid sanctioned during the year 2021-2022 in favour of Principal, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, vide SERB order No. SERB/F/9181/2021-22/dated25 February 2022 has been utilized forthe purpose of Two Day National Symposium on Emerging Material: Chemistry and Challenges (EMCC-2022), for which it was sanctioned and that the balance of Rupees Zero remaining unutilized at the end of the event has been surrendered to SERB (Vide Cheque / DDNo.Not Applicable).

2. Also certified that I have satisfied that the conditions on which the grants-in-aid was sanctioned have been fulfilled/are being fulfilled, and to see that the money was actually utilized for the purpose for which it was sanctioned.

Signature of Convener (Dr. K.I. Momin)

(Dr. MahadevGavhane)
PRINCIPAL

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur Signature of Accounts
/ Finance Officer/
(with Seal)

Signature of the Chartered Accountants

(With Seal)

For Rushikesh Ashok & Co. L Chartered Accountants

CA Rushikesh Shivajirao Patil (Partner)

M.No.180500

UDIN. 22180500 AGIGOV4139.

#### **Patrons:**

## Dr. Gopalrao Patil

(President, Shiv Chhatrapati Shikshan Sanstha, Latur)

### **Principal Anirudh Jadhav**

(Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur)

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**Dr. Mahadev Gavhane** (Principal, Chief Organizer)

**Prof. S. N. Shinde** (Vice-Principal, Joint-Chief Organizer)

 $Dr.\ A.\ A.\ Yadav\ (\text{IQAC Coordinator, Member})$ 

**Dr. D. G. Palke** (HoD, Organizing Secretary)

**Dr. K. I. Momin** (Convener)

Dr. K.C. Tayade (Co-Convener)

Mr. M.S. Sudewad (Coordinator)

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Mr. W. M. Dhumal
Mr. M. V. Jadhav
Mr. U. F. Sayyad
Miss. P. D. Wawargire
Miss. S. S. Kamble
Smt. K. D. Patil

## **Important dates & Registration Details**

- Last date of Registration: 25<sup>th</sup> February 2022
- Submit Full length paper before 20<sup>th</sup> February 2022
- Submit Abstract before 20th February 2022

**Last date of registration** : 3<sup>rd</sup> March 2022

Registration Fees For: Faculty/Academicians 800/-

Research Scholar 400/-

Spot Registration 1000/-

 $\textbf{Registration Link:} \ \texttt{https://forms.gle/V58TGzdLnmtd46938}$ 

## **Online Payment Details**

**Name of A/c. Holder:** Principal, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

**Acc. No.** 8576201000107 **IFSC Code:** CNRB0008576

Bank: Canara Bank, Chandra Nagar, Latur

### **National Advisory Committee:**

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Former Vice-Chancellor, Shivaji University, Kolhapur

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Ex. Scientist NCL, Pune

## Prof. Bhaskar Idage

Ex. Scientist NCL, Pune

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Department of Chemistry, Dayanand Science College, latur

#### Shiv Chhatrapati Shikshan Sanstha's

## Rajarshi Shahu Mahavidyalaya (Autonomous),



## Latur (Maharashtra)

(NAAC Accredited  $B^{\ast\prime}\,Grade$  (Cycle III) with CGPA 2.99 and UGC-CPE Status)



## Invitation

Science & Engineering Research Board (SERB)

Sponsored

Two days National Symposium

On

"Emerging Material: Chemistry and Challenges (EMCC 2021-22)"

On 11<sup>th</sup> - 12<sup>th</sup> March 2022



### Organized by:

Department of Chemistry & Analytical Chemistry, Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur-413512

Contact Number: **7020273740**, **9890499290** 

9923443526, 9168170523

Email ID: <a href="mailto:rsmlchem.emcc@gmail.com">rsmlchem.emcc@gmail.com</a>
Website: <a href="mailto:www.shahucollegelatur.org.in">www.shahucollegelatur.org.in</a>

#### **About Institution**

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur is the only Autonomous college in Marathwada Region. The college has taken the pivotal step of Autonomous Status in 2013. This college established in 1970, bears the name of a true democrat, social reformer, educationist and the progressive king of Kolhapur, Chhatrapati Rajarshi Shahu. The motto of our institution is Pursuit of Excellence.

The college has UGC-CPE (Phase III) status and support under DST-FIST scheme. It has empowered us to introduce innovations in Academics and Research. The Autonomous status of the college has made the programs and courses more divergent and need satisfying. Under the new accreditation framework of NAAC, the college received B<sup>++</sup> (CGPA 2.99) in 2018.

The fifty years history of our college is full of trials and tribulations. We accepted the challenges and conquered the adversities to reach at the apex of success. We are always pragmatic, resourceful and creative on every front. Through tireless efforts and selfless service we have evolved a Shahu Pattern which is widely known as Latur Pattern of education.

## **About Department**

The Department of Chemistry was established in the academic year 1971-72. Need of analyst is at the forefront of the noteworthy growth in industries, the college took initiative in starting the course Analytical Chemistry in the year 1985-86 at Undergraduate (B.Sc.) level. Now, this course is successfully flourishing the need of industries by availing analysts with sound subject knowledge. Also, Post graduate course in Organic Chemistry started from 2014-2015. Department has well equipped laboratories with number of sophisticated instruments. In 2006-07, UGC recognized this department as a "Star Department" under CPE status. The Department has S.R.T.M. University, Nanded, recognized research Centre. Now the Research Activities tackling recent areas of research are insistently in progress.

## **Objective of the symposium**

- This symposium aims to bring together Renowned Scientists, Researchers, Industrialists, Academicians and Students in one common platform for identifying the current challenges in synthetic chemistry and proposing solutions to deal with these challenges.
- The main objective of this symposium is to exchange and upgrade knowledge in different fields of Chemistry.
- The Symposium includes invited talks, plenary lectures from speakers of leading research institutions and contributed research papers through oral presentation.
- We hope that the symposium results constituted significant contribution to the knowledge in the above mentioned title.
- This symposium provides opportunities for delegates to explore and exchange new

- ideas and face to face experience for future collaboration.
- The symposium avails researchers to present novel and fundamental advances in synthetic chemistry.
- Proposed symposium intends to make the participants acquainted with sophisticated analytical techniques which are at frontiers.

#### Themes

Synthetic Chemistry, Green Chemistry, Medicinal chemistry, Drug Chemistry, Pharmaceutical chemistry, Natural products, Nanochemistry, Biochemistry, Coordination Chemistry, Organometallics, Polymer Chemistry, Environmental Chemistry etc.

#### **About Publication:**

Authors are invited to submit original papers (not being considered for publication elsewhere) related with themes of symposia in standard format (that is provided) describing new theoretical and/or experimental research.

Kindly submit your research article/manuscript in.DOC/.DOCX file format. The font should be "Times New Roman" with 12 size for matter,16 size in bold for title, 14 size in bold for main headings and 12 size in bold for sub-headings, having line spacing of 1.5 inch and 1 inch custom margin on all sides and A4 Size Paper.

**Selected papers** after peer review & plagiarism checking will be published in Reputed UGC Listed Journal

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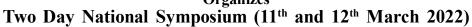
Email ID: rsmlchem.emcc@gmail.com

#### Shiv Chhatrapati Shikshan Sanstha's



## Rajarshi Shahu Mahavidyalaya (Autonomous), Latur Department of Chemistry & Analytical Chemistry

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**Emerging Material: Chemistry and Challenges (EMCC 2021-22) Sponsored by** 

Science & Engineering Research Board (SERB)

**Day Two:** 12/03/2022

PROGRAM SCHEDULE

Sreak Fast : 9.00 am to 10.00 am

Technical Session - I : (10.00 am to 10.45 am)
Resource Person : Dr. Dilip Vasava

Young Scientist, Assistant Professor,

Department of Chemistry, School of Science,

Gujarat University, Ahmedabad, Gujarat

Technical Session - II : (10.45 am to 11.30 am)

Resource Person : Prof. S. V. Bhosale

Principal Scientist, CSIR - IICT, Hyderabad

Technical Session - III : (11.30 am to 12.15 am)
Resource Person : Dr. S. D. Deosarkar

Director, School of Chemical Sciences, STRMU,

Nanded

Technical Session - IV : (12.15 pm to 1.00 pm)

Resource Person : Prof. S. S. Makone

School of Chemical Sciences, SRTMU, Nanded

**Lunch Break (1.00 pm to 2.00 pm)** 

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Technical Session - V : (2.00 pm to 2.45 pm)
Resource Person : Prof. S. B. Patwari

Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Nanded

**♦** Valedictory Function : (3.00 pm to 4.30 pm)

Chairperson : Principal Anirudh Jadhav

Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur

**♦** Chief Guest : Prof. S. B. Patwari

Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Nanded

Special Presence : Dr. R. L. Kavle

Member, Shiv Chhatrapati Shikshan Sanstha, Latur

Dr. Mahadev Gavhane

Principal, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

**Prof. Sadashiv Shinde** 

Vice-Principal, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

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