

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



"NAACREACCREDITED"B++"GRADECOLLEGE" A/P/Tal-Rahata, Dist.-Ahmednagar. (M.S.) 423107 Affiliated to Savitribai Phule Pune University, Pune www.ascrahata.org





SELF STUDY REPORT-CYCLE 3 2018-2023

Criterion: III Research, Innovations and Extension

Key Indicator: 3.2 Innovation Ecosystem

Metric: 3.2.1 (Q₁M)

3.2.1: Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC) **BENGALURU**

Shirdi Sai Rural Institutes,



Arts, Science and Commerce College, Rahata

Tal- Rahata, Dist-Ahmednagar, Pin - 423107 (MS) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997) NAAC RE-ACCREDITED "B+++" GRADE COLLEGE



Ref. : ASCCR /

Date

DECLARATION

We the undersigned, hereby declare that all information, reports, true copies of the supporting documents, and numerical data submitted by our institution for the purpose of NAAC accreditation have been thoroughly verified by the Internal Quality Assurance Cell (IQAC). We affirm that these submissions are accurate and correct as per our records.

This declaration pertains specifically to the accreditation process for the third cycle of the institution, covering the period from 2018-19 to 2022-23.

Thank you.

Sincerely,

Dr. Vikram P. Bhalekar
IQA Coordinator
Internal Quality Assurance Cell
Arts, Science and Commerce College, Rahata

Date-30/07/2024

Place- Rahata

Tel-Rahata Dist-A'nagar

Prof.(Dr.) Somnath S. Gholap

Arts, Science and Commerce College Rahata, Tel-Rahata, Dist-Ahmednagar

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Research Policy



Shirdi Sai Rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

POLICY DOCUMENT

SSRI RESEARCH POLICY



Prepared by
Internal Quality Assurance Cell (IQAC)

ASCC, Rahata

POLICY DOCUMENT

Purpose

• As per the requirement of NAAC and to enhance research activities amongst students and staff.

Objectives

- To create vibrant environment within Pravara in order to enhance a research culture.
- To ensure high level of efficient and effective support system to facilitate faculty and students in their research activities.
- Ensure publications in quality journals, indexed in Scopus/Web of Science and/or with impact factor (Thomson Reuter).
- Strengthen interdisciplinary collaborations.
- To ensure integrity, quality and ethics in research.
- Fetch research grants from various funding agencies

Sr. No.	Policy and Guidelines for Staff				
1	Policy for Minor/Major Research Projects:				
	The Principal Investigator should be allowed to utilize total funds.				
	• The responsibility of the audit shall be of the respective Principal Investigator /Principal.				
	• The equipment/books purchased out of the project shall be handed over to the college				
	post project submission and a receipt of the same shall be made by the principal of the				
	institution.				
	The project completion report should be uploaded on institutional website.				
2	Policy for Seminar/Conference organization:				
	• The institution shall be allowed to utilize 100 % of the funds for seminar/conference.				
	Detailed breakup of the expenditure should be submitted for approval and sanction of				
	the higher authorities.				
8	• Any additional expense incurred shall be arranged for by the institution through				
	advertisements/sponsors etc.				
	SSRI shall not provide any financial assistance unless and until recommended by the				
	management.				
	The infrastructural facilities will be provided by the host institute.				
3	Policy for attending Seminar/Conference within Pravara:				
	• In order to enhance research, attendance of two staff of each institution of Pravara has				
	been made mandatory for seminars/conferences/workshops which are held at sister				
	concerns.				

- The registration cost of the same would be borne by the respective institutions only after the submission of certificate and report to IQAC Coordinator/Principal.
- In the event of non-relevant subjects, a special request can be made to joint secretary who may then permit.
- Any staff who has been deputed and if found absent for the event, shall be marked as absent and shall be served with a memo.
- Financial support will be provided only once for the individual once in an academic year

4 Policy for attending Seminar/Conference/Workshops out of Pravara:

- The institute should pay the registration fee and travelling allowance
- The registration cost of the same would be borne by the respective institutions only after the submission of certificate and report to IQAC Coordinator/Principal.
- Financial support will be provided only once for the individual once in an academic year

5 Duty and special leave rules for research:

- As per Government rules and regulations.
- Provisional sanction for Duty/special leave for research activity/ national /international seminar/conference/workshop should be taken well in advance with prior permission of principal by providing appropriate documents.
- It will be sanction only after the submission of certificate, report and trip book to IQAC Coordinator/Principal.
- The permission for attending conference/seminar/workshop etc. without presentation of
 research paper or chairing the session/resource person may be granted once for
 International/National/ State level activity in a year by the principal subject to
 contingencies of service. No TA/DA will be admissible.

6 Research Paper Presentation:

- Teacher presenting a research paper(Oral/Poster)/chairing/co-chairing session of International/National level professional conference/seminar/workshop, he/she shall be eligible to travel as per UGC rules and regulations in India and abroad.
- Teacher presenting a research paper(Oral/Poster)/chairing/co-chairing session at state level conference/seminar/workshop, T. A. will be paid once in a year as per SSRI rules subjects to submission of original tickets and attendance certificate.

- After submission of registration fee receipt and attendance certificate the registration fee for state level up to rupees 1000/- will be borne by the institute.
- Teacher presenting a research paper(Oral/Poster)/chairing/co-chairing session at National/International level conference/seminar/workshop will be paid 50% expenditure incurred for T.A. and registration fee once in a year subject to submission of original tickets and attendance certificate. Only if he has not taken any funds for the same from other sources. Prior approval for the estimated expenditure should be obtained from the authority.
- Funding for any other research activity not mentioned above depends on the decision of the management.

7 Policy regarding deputation/cultural exchange etc.:

- The teacher who is deputed/sponsored by the College/Institute/University for any special training/teaching/academic staff visit to other places out of country/countries or cultural exchange scheme or collaboration scheme or under similar scheme of the University Grants Commission or of Government of India or of the State Government or of similar other bodies shall be treated on duty for the period of his absence from duty.
- In case of sponsorship and special training or staff exchange Programme the respective faculty/staff should execute a service agreement as per SSRI policy in force from time to time.

8 Ph.D. Policy for non-granted staff:

- Every staff appointed in all the non-technical senior colleges should register themselves for the Ph.D. within 5 yrs from the date of appointment and complete it within 7 yrs. from the date of registration.
- Staff should register and complete their Ph.D. only from the UGC recognized universities.
- Faculty should take proper permission and NOC from the principal to pursue their Ph.D.
- Ph.D. awarded without proper permission and NOC from the principal will not be considered for any promotion and financial benefits.
- To promote quality research work and skills, faculty may be given financial support of Rs. 2000/-per month for 3 yrs. After completing his/her Ph.D., he or she shall serve for the period of 5 yrs from the date of award of Ph.D. in any institute of Pravara Rural



- Education Society. Failure to serve to the stipulated period of 5 yrs. after Ph.D. will be liable for recovery with 10% interest.
- Financial support will be continued only after considering the six monthly progress report and recommendation of principal and guide.
- It is mandatory to use the institutional affiliation for research paper publication.
- Teacher willing to avail the financial support should apply to the head office through the principal.
- The faculty going for course work will be considered for special paid leave after submitting the necessary documents.
- The faculty who have been sanctioned the scholarship from other sources are not eligible for financial support.

Ph.D. Policy for granted staff:

- Every staff appointed in all the non-technical senior colleges should register themselves for the Ph.D. within 3 yrs. from the date of appointment and complete it within 7 yrs from the date of registration.
- If fails to submit his thesis within 7 years, he will not be allowed for re-registration.
- Eligible faculty should apply for Faculty Improvement Program (FIP).
- Staff should register and complete their Ph.D. only from the UGC recognized universities.
- Faculty should take proper permission and NOC from the principal to pursue their Ph.D.
- It is mandatory to use the institutional affiliation for research paper publication.
- The faculty going for course work will be considered for special leaves after submitting the necessary documents.

9 Policy for student project:

- A proposal should be submitted well in advance to the research committee of the institute.
- A centralized research screening committee will be formed having a chairman and five members from the different institutes under SSRI.
- The screening committee should select the collaborative/innovative/inter-disciplinary projects for the sanction of seed money.

- Maximum 5 UG and 10 PG student research projects can be considered for sanction of seed money in a year in a institute.
- A student will get seed money only once.
- To initiate the research culture among the students, the seed money of maximum Rs.
 2000/- per student should be provided to the UG/PG students by the institute.
- The expenditure incurred and project reports should be submitted to the screening committee through research committee of concerned institute.
- It is mandatory for student to publish research papers in UGC care list journals or participate in Avishkar competition.
- Further, such projects should be promoted for startups.

10 Incentive for International/National publications for non-grant staff only:

- The amount of Rs. 1000/- per paper shall be borne by the Institution, if a teacher publishes a paper in National/International journal with UGC Care List/Thomson Reuters impact factor. The incentive should be given once in an academic year.
- If the same paper is presented/published in State/National/International conference, it will not be considered.

Incentive for patents (For all staff):

 Patent fee and expenses of the patent procedure shall be borne by the Institution if affiliated to the institution.

11 Funds / Grants from non-government bodies, individuals, philanthropers

- NGOs, individuals, philanthropers, alumni and industry from the Pravara Hub should take initiatives to make provision of funds for research/extension activities to be carried out for local community.
- The institutions will submit a proposal for research/extension activities to be carried out for local community through head office.

Review of the Policy

The policy will be reviewed after a period of three years.

Dr. V. P. Bhalekar IQAC Co-ordinator Prof. (Dr.) S. S. Gholap Principal

PRINCIPAL வீர்'த் கெள்ளம் கொள்ளை College, Rahata Dr. M. N. Kharde

Shirdi Sai Rural inclinio, Fraverenagar Tal. Pubrta, Diot. Abmeddagar.



Shirdi Sai Rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

POLICY DOCUMENT

SHRIMATI. SVP RESEARCH FELLOWSHIP FOR PG STUDENTS POLICY



Prepared by
Internal Quality Assurance Cell (IQAC)

ASCC, Rahata

SHRIMATI SHINDHUTAI VIKHE PATIL RESEARCH FELLOWSHIP FOR POST GRADUATE STUDENTS

* POLICY DOCUMENT*

Aim/Purpose

 The purpose of the Research Fellowship is to inculcate and enhance research culture among students in our educational hub.

Objectives

- To create energetic atmosphere in order to enhance a research culture.
- To ensure high level of efficient and effective support system to facilitate students in their research activities.
- Ensure publications in quality journals
- · Strengthen interdisciplinary collaborations.
- To ensure integrity, quality and ethics in research.

Policy Guidelines

- To initiate the research culture among the students, the seed money of Rs.
 2500/- per student should be provided to the PG students by the institute.
- It should be applicable to PG students of all streams of the institute.
- The maximum 04 PG students from each stream (Arts, Science & Commerce) will be selected by the selection committee.
- The total rights of selection and continuation of the fellowship goes to the selection committee and SSRI.
- The list of selected students will be recommended for approval from Shirdi Sai Rural Institute, Rahata.

Eligibility Criteria

- · Student should be all clear in first semester of PG Part First.
- · Student should have first class with distinction in Third year of UG
- · Student should be hard working, sincere and punctual.

Process of Selection

- The eligible students will apply for the fellowship through PG Incharge to Principal.
- · Principal will forward the application to the selection committee.
- Selection committee will scrutinize the application for fellowship.
- The list of selected students will be sent for approval from Director, SSRI Pravaranagar.

Funding

- A fix deposit of 5,00,000/- will be kept in Pravara Bank Rahata.
- The annual interest from the F.D. will be deposited in the Bank account named "Shrimati Shindhutai Vikhe Patil Research Fellowship for Post Graduate Students".
- Research fellowship will be given from the interest of the FD.

Constitution of Committee

- 1. Chairman-Principal of the College
- 2. Eight Members
 - a) IQAC Co-ordinator
 - b) Vice Principals
 - c) PG In-charge (Arts, Science and Commerce)
 - d) Academic Research Co-ordinator

Review of the Policy

The policy will be reviewed after a period of three years.

Dr. V. P. Bhalekar IOAC Co-ordinator Prof. (Dr.) S. S. Gholap Principal

PRINCIPAL

PRINCIPAL

Artis Science Commerce

College, Rahata

Dr. M. N. Kharde

(Director)R Shirdi Sal Rural Inclinio, Fraveranagar Tal, Fabria, Dios, Abmaddagar

Shrimati Sindhutai Vikhe Patil Research Fellowship

Sr.	Name of students	Class	Name of the Research	Amount	
No.			Guide	Rs.	
	Acade	mic Year- 2022-23			
1	Lahare Sudarshan	M, Sc. II	Dr. G. D. Shirole	5000/-	
	Gorakshnath				
2	Khambekar Roshan Sunil	M. Sc. II	Prof. A. S. Tambe	5000/-	
	Academic Year- 2021-22				
1	Dange Chaitali Suresh	M, Sc. II	Dr. G. D. Shirole	5000/-	
2	Gawande Jayshri Eknath	M. Sc. II	Prof. A. S. Tambe	5000/-	
3	Pawar Utsavi Sitaram	M. Com. II	Dr. S. K. Pulate	5000/-	
4	Agre Pooja Ramrao	M. Com. II	Dr. R. N. Wakchaure	5000/-	
5	Game Sanket Shivaji	T. Y. B. A.	Dr. J. R., Dighe	5000/-	
6	Dhumse Sagar Nanasaheb	T. Y. B. A.	Dr. J. R,. Dighe	5000/-	

प्रती,

मा. प्राचार्य,

शिडीं साई रुरल इन्स्टिट्यूटस,

कला विज्ञान व वाणिज्य महाविद्यालय, राहाता.

ता. राहाता जि. अहमदनगर-४२३१०७.

विषय: एम.एस्सी.भाग-२ च्या विद्यार्थ्यांना प्रोजेक्टसाठी आर्थिक मदत मिळणेबाबत.

मा. महोदय,

वरील विषयास अनुसरून विनंती अर्ज करतो कि, आपल्या महाविद्यालयातील एम.एस्सी. भाग-२ रसायनशास्त्र विषयातील विद्यार्थ्यांसाठी मागील वर्षीप्रमाणे प्रोजेक्ट सुरु करावयाचे आहेत. सदर प्रोजेक्ट करण्यासाठी काही रेअर केमिकल्सची गरज आहे. तरी जे केमिकल्स आपल्या प्रयोगशाळेत नाहीत असे रेअर केमिकल्स खरेदी करण्यासाठी व final product चे analysis करण्यासाठी आर्थिक मदतीची गरज आहे. एम.एस्सी. भाग-२ मधील खालीलप्रमाणे दोन विद्यार्थिनी प्रोजेक्ट करण्यास इच्छ्रक असून त्यादृष्टीने त्यांनी तयारी केलेली आहे.

> विद्यार्थिनीचे नाव अ.नं.

- मार्गदर्शकाचे नाव

लहारे सुदर्शन गोरक्षनाथ - डॉ. जी. डी. शिरोळे

खांबेकर रोषण सुनील

- प्रा. ए. एस. तांबे

तरी आपणास विनंती आहे कि, सदर प्रोजेक्ट करण्यासाठी परवानगी मिळावी व या प्रोजेक्टचे काम पूर्ण करण्यासाठी महाविद्यालयाकडून प्रती विद्यार्थी रुपये ५०००/- मात्र आर्थिक मदत व्हावी, हि नम विनंती.

कळावे,

आपले विश्वासू,

विभागप्रम्ख

Dept. of Chandery Art's Science & Commerce Octobs, Rahuta, Dist. Ahmednaper

प्रत माहितीस्तव- डॉ. एम. एन. खर्डे,

डायरेक्टर,

शिडीं साई रुरल इन्स्टिट्यूटस राहाता.

Arithan work.

Translation in English

Date: 29/08/2022

To,

Principal,

Arts, Science and Commerce College, Rahata

Subject: Regarding Financial support for Research Project of M. Sc. II

Respected Sir,

With reference to above mentioned subject the two students from M. Sc. II want to do Research Project. Students need financial support for the purpose of carrying out this project.

Details:

Sr. No.	Name of the students	Name of the Research Guide
1	Lahare Sudarshan Gorakshnath	Dr. G. D. Shirole
2	Khambekar Roshan Sunil	Prof. A. S. Tambe

You are requested to sanction each Rs. 5000/-per students financial support for conducting the project.

Thanking you,

Prof. A. S. Tambe

(Head, dept. of Chemistry.)

Copy To, Director, SSRI

Arts, Science & Commerce College, Rahata (PG) A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

· Bank Payment Voucher

No. : BP1521001

Dated : 1-Sep-2022

Amount **Particulars** Account:

Student Expenses

5,000.00

Through:

P.S.B. Ltd.Rahata (Cur.A/C No-210)

On Account of:

being student exp paid for prepare project

Amount (in words):

· INR Five Thousand Only

₹ 5,000.00

Receiver's Signature:

Authorised Signatory

OFF SUPERINTENDENT d's Science & Commerce College, Rahata Dist Anagor, Art's, Science & Commerce College Rahata, Dist' Ahmednagar

Arts, Science & Commerce College, Rahata (PG) A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

Bank Payment Voucher

No. : BP1521002 Dated : 1-Sep-2022

Particulars

Account : Student Expenses Amount 5,000.00

Through:

P.S.B. Ltd.Rahata (Cur.A/C No-210)

On Account of:

ch.no.027217 being student exp paid for prepare project

Amount (in words):

INR Five Thousand Only

₹ 5,000:00

Receiver's Signature:

Authorised Signatory

Cadelarin

ACCOUNTANT OFF SUPERINTENDE ACCOUNTANT OFF SUPERINTENDE ACCOUNTANT OFF SUPERINTENDE ACCOUNTANT OF SUPERINTENDE ACCOUNT OF SUPERIN

Art's, Science & Commerce Compage Rahata, Dist, Ahmednag

दिनांक- ०३/०२/२०२२

प्रती.

मा. प्राचार्य.

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अ.नं. विद्यार्थिनीचे नाव

- मार्गदर्शकाचे नाव

कु. डांगे चैताली सुरेश

- डॉ. जी. डी. शिरोळे

कु. गवांदे जयश्री एकनाथ - प्रा. ए. एस. तांबे

तरी आपणास विनंती आहे कि, सदर प्रोजेक्ट करण्यासाठी परवानगी मिळावी व या प्रोजेक्टचे काम पूर्ण करण्यासाठी महाविद्यालयाकडून प्रती विद्यार्थी रुपये ५०००/- मात्र आर्थिक मदत व्हावी, हि नम्र विनंती.

कळावे.

आपले विश्वासू,

Dept. of Chamistry Arts, Science & Commune College, Rahela, Dist. Abmedhagar

प्रत माहितीस्तव- डॉ. एम. एन. खर्डे,

डायरेक्टर.

शिडीं साई रुरल इन्स्टिट्यूटस राहाता.

Translate in English

To.

Principal,

Arts. Science and Commerce College, Rahata

Subject: Regarding financial support for project of M. Sc. II ...

Respected Sir,

With reference above mentioned subject the two students from M. Sc. II want to do research project. Students need financial support for the purpose of carrying out this project.

Details -

Sr. No.	Name of the students	Name of the Research Guide
1	Miss Dange Chaitali Suresh	Dr. G. D. Shirole
2	Miss Gawande Jayshri Eknath	Prof. A. S. Tambe

You are requested to sanction each Rs. 5000/- per students financial support for conducting the project

Thanking You,

Yours Faithfully,

Prof. A. S. Tambe

Head, Dept. Of Chemistry, Arts, Science and Commerce College, Rahata

Copy To,

Director, S.S.R.I.

'Shirdi Sai Rural Institute's'

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)

(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)

Email: ssripravara@ rediffmall.com Email: rahatacollege@ rediffmail.com

Phone- (02423) 204488, 204400 Fax- (02423) 204400

Website: http://pravarassri.org.in

Reciepient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12) Reciepient of "Best Rural College Award", University of Pune (2013) NAAC RE-ACCREDITED "B++" GRADE COLLEGE

जा.क्रं.कविवारा/आस्था./२०२१-२२/ ४४

दिनांक:०२.०३.२०२२

प्रति. मा. डायरेक्टर, ्रिगर्डी साई रुरल इन्स्टिटयूट, प्रवरानगर ता.राहाता. जि.अहमदनगर.

विषय:- एम.एस्सी भाग-२ (रसायनशास्त्र) विद्यार्थ्यांना प्रोजेक्टसाठी आर्थिक मदतीबाबत..

महोदय.

उपरोक्त विषयान्वये आपणांस कळवू इच्छितो की, आपल्या महाविद्यालयातील एम.एस्सी भाग-२ (रसायनशास्त्र) विद्यार्थ्यांना मागील शैक्षणिक वर्षाप्रमाणे यावर्षी आपले प्रोजेक्ट सुरू करावयाचे आहेत. यामध्ये ०२ विद्यार्थ्यांकरीता विभागप्रमुखांनी सदर प्रोजेक्टसाठी रेअर केमिकल्स खेरेदी करणेसाठी संस्थेकडे प्रत्येकी रु.५०००/-प्रमाणे आर्थिक मदत करण्याची मागणी केलेली आहे.

तरी कृपया वरीलप्रमाणे सदर प्रोजेक्टसाठी ०२ विद्यार्थ्यांना रु.१००००/- (अक्षरी रू.-दहा हजार मात्र) आर्थिक अनुदान संस्थेकडून मंजुर व्हावे, ही विनंती.

कळावे.

Mloved.

आपला विश्वासू,

कला,विज्ञान य दाणिज्य महाविद्यालय राहाता, जि. अष्टनदनगर

Translation in English

Date	:	03/02/2023
Date	•	03/02/2023

To,

Director,

Shirdi Sai Rual Institute, Pravaranagar

Subject: regrading financial support to the students for projects of M. Sc. II

Respected sir,

With reference above mentioned subject in our college two students from M. Sc. Part II want to do research project. Students need financial support for this research project, as they are economically weak. The students are as follows.

Sr. No.	Name of the students	Name of the Guide
1	Miss Dange Chaitali Suresh	Dr. G. D. Shirole
2	Miss Gaikwad Jayshri Eknath	Prof. A. S. Tambe

You are requested to sanction each of Rs. 5000/-(Five thousand Only) per students financial supports for conducting the research project.

Tanking You,

I/C PRINCIPAL

Art's, Science & Commerce College
Rahata, Dist. Ahmednagar.

Arts, Science & Commerce College, Rahata (SR.) A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

Bank Payment Voucher

 No.
 : BP0521041
 Dated
 22-Mar-2022

 Particulars
 Amount

 Account :
 Research Project Expenses
 5,000.00

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

On Account of:

MSC -II DAnge CHaitali Suresh shrimati shidhutai vikhe patil research fellowship for post graguate student

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

Parged Receiver's Signature:

Authorised Signatory

Art's Science & Commerce College Rahata, Tal.Rahata, Dist.A.Nagar

GFT SUPERINTENDENT WIS Colores al Community College, Rahata, Diel. Anager

Arts, Science & Commerce College, Rahata (SR.)

A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

Bank Payment Voucher

BP0521042 Dated 22-Mar-2022 Amount Particulars Account: 5,000.00

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

Research Project Expenses

On Account of:

MSC-II Gawande Jayshri Eknath shrimati sindhutai vikhe patil reserach fellowship post graguate student

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

Signature:

Authorised Signatory PRINCIPAL

Art's Science & Lommerce College

Rahata, Tal Rahata, Dist. A. Nagar

Commence College, Rahata, Dial Amagar

'ShirdiSal Rural Institute's'

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affillated ID No. PU/AN/ASC/052/1997)

Email: ssripravara@ rediffmail.com
Email: rahatacollege@ rediffmail.com

Phone- (02423) 243892, 242391 Fax- (02423) 242488



Website: http://pravarassri.org.in

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12) Recipient of "Best Rural College Award", University of Pune (2013)

NAAC ACCREDITED "B++"GRADE COLLEGE

ASc/2021.22/

Date- 03.03.2022

प्रति.

मा. प्राचार्य

शिडीं साई रुरल इन्स्टिट्यूट,

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता

ता. राहाता, जि. अहमदनगर

विषय- एम. कॉम.भाग २ च्या विद्यार्थ्यांना प्रोजेक्ट साठी आर्थिक मदत मिळणे बाबत

महोदय

वरील विषयानुसार विनंती अर्ज करतो कि आपल्या महाविद्यालयातील एम कॉम भाग 2 वाणिज्य विभागातील विद्यार्थ्यांना प्रोजेक्ट करायचे आहेत सदर प्रोजेक्ट करण्यासाठी विद्यार्थ्यांना आर्थिक मदत देणे गरजेचे आहे आर्थिक दृष्ट्या गरीब असलेल्या खालील ०२ विद्यार्थ्यांना मदत दयावी.

अ.क्र.	विद्यार्थ्याचे नाव	मार्गदर्शकाचे नाव
٩	कु. पवार उत्सवी सिताराम	डॉ. एस. के. पुलाटे
7	कु. आग्रे पूजा रामराव	डॉ. आर.एन. वाकचौरे

तरी आपणास विनंती आहे की वरील ०२ विद्यार्थ्यांना प्रोजेक्टचे काम पूर्ण करण्यासाठी महाविद्यालयाकडून प्रति विद्यार्थी रुपये ५०००/ मात्र आर्थिक मदत मिळावी ही नम्न विनंती.

ET PH Parish Pools

आपल लेश्नामू डॉ. एस. के. पुलाटे विभाग प्रमुख वाणिज्य ए राजिस्स विभाग प्रमुख हमा,ें

Translation in English

Date	:	03/	03	/20	022

To,

Principal,

Ats, Science and Commerce College, Rahata

Subject :Regrading financial support to the students for projects of M. Com. Part II

Respected sir,

With reference above mentioned subject in our college two students from M. Com. Part II want to do research project. Students need financial support for this research project, as they are economically weak. The students are as follows.

Sr. No.	Name of the students	Name of the Guide
1	Miss Pawar Utasavi Sitaram	Dr. S. K. Pulate
2	Miss Agre Pooja Ramrao	Dr. R. N. Wakchaure

You are requested to sanction each of Rs. 5000/-(Five thousand Only) per students financial supports for conducting the research project.

Tanking You,

Yours Faithfully,

(Dr. S. K. Pulate)

'ShirdiSal Rural Instituto's'

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmodangar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997) Phono- (02423) 243892, 242391

Email: nnilpravara@ rodiffmall.com Fax- (02423) 242488 Email: rahatacollogo@ rodiffmall.com

Website: http://pravarassrl.org.in

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12) Recipient of "Best Rural College Award", University of Pune (2013)

NAAC ACCRÉDITED "B++"GRADE COLLEGE

ASe/2021,22/42-1

Date- 03.03.2022

प्रती,

माननीय डायरेक्टर

शिडीं साई रुरल इन्स्टिट्यूट,

प्रवरानगर

ता. राहाता , जि. अहमदनगर

विषय- एम. कॉम.भाग २ विद्यार्थ्यांना प्रोजेक्ट साठी आर्थिक मदत मिळणे बाबत.

महोदय

विषयाद्वारे उपरोक्त आपणास कळव् इच्छितो आपल्या महाविद्यालयातील एम.कॉम. भाग 2 मधील आर्थिक दृष्ट्या मागासलेल्या दोन विद्यार्थांना प्रोजेक्टसाठी प्रत्येकी रुपये ५०००/ प्रमाणे आर्थिक मदत करण्याची मागणी केलेली आहे तरी कृपया वरील प्रमाणे सदर प्रोजेक्टसाठी दोन विद्यार्थांना रुपये १००००/ (अक्षरी रुपये दहा हजार) आर्थिक अनुदान संस्थेकडून मंजूर व्हावे ही विनंती.

कळावे

आपला विश्वास्

प्रमारी प्राचार्य कला,विज्ञान य वाणिज्य महाविद्यालय राहाता, जि. अहमदनगर

Translation in English

Date : 0.	3/0:	3/2	022
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To,

Director,

Shirdi Sai Rual Institute, Pravaranagar

Subject: regrading financial support to the students for projects of M. Com. Part II

Respected sir,

With reference above mentioned subject in our college two students from M. Com. Part II want to do research project. Students need financial support for this research project, as they are economically weak. The students are as follows.

Sr. No.	Name of the students	Name of the Guide
1	Miss Pawar Utasavi Sitaram	Dr. S. K. Pulate
2	Miss Agre Pooja Ramrao	Dr. R. N. Wakchaure

You are requested to sanction each of Rs. 5000/-(Five thousand Only) per students financial supports for conducting the research project.

Tanking You,

Yours Faithfully,

Arts, Science & Commerce College, Rahata (SR.) A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

Bank Payment Voucher

No. BP0521039	Dated 22-Mar-2022
Particulars	Amount
Account:	
Student Expenses	5,000.00

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

On Account of:

being m com II PAWAR UTSAVI SITARAM SHRIMATI SHINDUTAI VIKHE PATIL RESEARCH FELLOWSHIP FOR POST GRAGUATE

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

Receiver's Signature:

Authorised Signatory

SUPERINTENDENT

Commerca College, Rahata, Diet, A'nagar

Art's Science & Commerce College Rahata, Tal.Rahata, Dist.A.Nagar

Arts, Science & Commerce College, Rahata (SR.)

A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar.

Bank Payment Voucher

No. : BP0521040 Dated : 22-Mar-2022

Particulars Amount

Account:

Student Expenses 5,000.00

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

On Account of:

M COM -II agre pooja Ramrao student shrimati shindhutai vikhe patil research fellowship for post graguate student

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

Receiver's Signature:

Authorised Signatory

Art's Science & Commerce College Rahata, Tal.Rahata, Dist.A.Nagar

Art's, Science & Commerce College, Rahats, Dist A'nagar

ASCR COULDED --

प्रति.

मा, प्राचार्य

शिडीं साई रुरत इन्स्टिट्यूट,

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता

ता. राहाता, जि. अहमदनगर

विषय- टी.वाय.बी.ए. वर्गातील २विद्यार्थ्यांना प्रोजेक्टसाठी आर्थिक मदत मिळणे बाबत

महोदय

वरील विषयानुसार विनंती अर्जकरतो कि आपल्या महाविद्यालयातील टी.वाय.बी.ए. वर्गातीलअर्थशास्र विभागातीलविद्यार्थ्यांना प्रोजेक्ट करायचे आहेत सदर प्रोजेक्ट करण्यासाठी विद्यार्थ्यांना आर्थिक मदत देणे गरजेचे आहे आर्थिक हृष्ट्या गरीव असलेल्याखालील ०२ विद्यार्थ्यांना मदत दावी.

अ.क्र.	विद्यार्थ्याचे नाव	मार्गदर्शकाचे नाव		
ę	गमे संकेत शिवाजी	डॉ.दिघे जे. आर.		
२	धुमसे सागर नानासाहेब	डॉ.दिघे जे. आर.		

तरी आपणास विनंती आहे की वरील ०२ विद्यार्थ्यांना प्रोजेक्टचे कामपूर्ण करण्यासाठी महाविद्यालयाकडून प्रति विद्यार्थी रुपये ५०००/ मात्रआर्थिक मदत मिळावी ही नम विनंती.

तम विनंती.

कळावे

प्राप्ता महाविद्यालयाकः
नम विनंती.

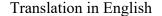
कळावे

प्राप्ता प्र

आपला विश्वास्

डॉ.दिधे जे., आर.

विभाग प्रमुख अर्थशास



Date	:	03/	'03	$\frac{1}{2}$	022

To,

Principal,

Arts, Science and Commerce College, Rahata

Subject: Regrading financial support to the students for projects of T. Y. B. A. Economics

Respected sir,

With reference above mentioned subject in our college two students from T. Y. B. A. Economics want to do research project. Students need financial support for this research project, as they are economically weak. The students are as follows.

Sr. No.	Name of the students	Name of the Guide
1	Game Sanket Shivaji	Dr. J. R. Dighe
2	Dhumse Sagar Nanasaheb	Dr. J. R. Dighe

You are requested to sanction each of Rs. 5000/-(Five thousand Only) per students financial supports for conducting the research project.

Tanking You,

Yours Faithfully,

Dr. J. R. Dighe

'ShirdiSal Rural Instituto's'

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA Tal- Rahata, Dist-Ahmednagar (423107)



(University of Pune Affiliated ID No. PU/AN/ASC/052/1997) Emall: ssripravara@ rediffmall.com

Phone- (02423) 243892, 242391

Fax- (02423) 242488

Email: rahatacolloge@ rediffmall.com Website: http://pravarassrl.org.in



Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12) Recipiont of "Best Rural College Award", University of Pune (2013)

NAAC ACCREDITED "B++"GRADE COLLEGE

ASC/2021-22/421

Date-03.03.2022

प्रती,

माननीय डायरेक्टर

शिडीं साई रुत इन्स्टिट्यूट,

प्रवरानगर

ता. राहाता , जि. अहमदनगर

विषय- टी.वाय.बी.ए. वर्गातील २ विद्यार्थ्यांना प्रोजेक्ट साठी आर्थिक मदत मिळणे बाबत.

महोदय

विषयादवारे आपणास कळव् इच्छितो महाविदयालयातील टी.वाय.बी.ए. वर्गातील आर्थिक दृष्ट्या मागासलेल्या दोन विदयार्थांना प्रोजेक्टसाठी प्रत्येकी रुपये ५०००/ प्रमाणे आर्थिक मदत करण्याची मागणी केलेली आहे तरी कृपया वरील प्रमाणे सदर प्रोजेक्टसाठी दोन विदयार्थांना रुपये १००००/ (अक्षरी रुपये दहा हजार) आर्थिक अनुदान संस्थेकडून मंजूर व्हावे ही विनंती.

कळावे

आपला विश्वास्

प्रभारी प्राचार्य

कला,विज्ञान व वाणिज्य महाविद्यालय

राहाता, जि. अहमदनगर

Translation in English

Date	:	03/03	3/2022

To,

Director,

Shirdi Sai Rural Institute's, Paravaranagar

Subject: Regrading financial support to the students for projects of T. Y. B. A. Economics

Respected sir,

With reference above mentioned subject in our college two students from T. Y. B. A. Economics want to do research project. Students need financial support for this research project, as they are economically weak. The students are as follows.

Sr. No.	Name of the students	Name of the Guide
1	Game Sanket Shivaji	Dr. J. R. Dighe
2	Dhumse Sagar Nanasaheb	Dr. J. R. Dighe

You are requested to sanction each of Rs. 5000/-(Five thousand Only) per students financial supports for conducting the research project.

Tanking You,

Yours Faithfully,

Principal

Arts, Science & Commerce College, Rahata (SR.) A/p- Pimpalas, Tal. Rahata,

Dist. Ahmednagar.

Bank Payment Voucher

No. : BP0521043

Dated 22-Mar-2022

Particulars

Amount

Account:

Student Expenses

5,000.00

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

On Account of:

ty ba student game sanjket shivaji shrmati shidhuatai vikhe patil resaerch fellowship for post graguate student

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

Receiver's Signature:

SUPERINTENDENT Art's, Science Authorise Golfan Rehata, Diel A'nagar Art's Science & Commerce Colleg Rahata, Tal.Rahata, Dist.A.Nag

Arts, Science & Commerce College, Rahata (SR.)

A/p- Pimpalas, Tal. Rahata, Dist. Ahmednagar

Bank Payment Voucher

No. : BP0521044 Dated 22-Mar-2022

Particulars Amount

Account :

Through:

P.S.B.Ltd Rahata (Cur.A/C No- 208)

Student Expenses

On Account of:

dhumase sagar nanasaheb shrimati shidhutai vikhe patil reserch fellowship for post graguate student

Amount (in words):

INR Five Thousand Only

₹ 5,000.00

5,000.00

Receiver's Signature:

Authorised Signatory

tels D'ot A'risgar

—Art's Science & Commerce College Rahata, Tal Rahata, Dist A.Nagar

Innovation and Incubation Centre (IIC)

Shirdi Sai Rural Institutes, Arts, Science and Commerce College, Rahata INNOVATION AND INCUBATION CENTER (IIC)

Introduction:

Entrepreneurship is vital to the modern economy. Entrepreneurs drive innovation and create jobs, contributing to economic growth and development. In addition, entrepreneurship can spur competition, which can lead to increased efficiency and better products and services. The rise of technology has made it easier than ever for individuals to start a business and many of the most successful companies today were started by young entrepreneurs. As such, colleges need to provide support for their students who are interested in pursuing entrepreneurship.

College incubation center facilitates resources and support for entrepreneurs, typically students or alumni of the college. The center provide an excellent opportunity for students to gain practical experience in entrepreneurship, access valuable resources and networking opportunities, and receive mentorship from experienced professionals.

Primarily IIC's role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, problem solving, Proof of concept development, Design thinking, IPR, Project handling and management at Preincubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs

The college supports various research activities and skill-based projects by providing knowledge and latest technologies and infrastructure required. The college organizes programmes such as Entrepreneurship seminars, workshops, exhibitions, research training, educational fests; job meets etc. every academic year.

Aim of IIC established at the Institute:

To encourage and inspire students and faculty members by providing them required infrastructure to innovate and develop their ideas with industrial standards and support from Government, industry and reputed academic institutions around the world and help them to realize their potentials.

Objectives:

- To inculcate Startup culture.
- To develop an ecosystem to nurture innovation and entrepreneurship.
- To help in developing Innovative Ideas to take care of societal needs.
- To find solutions for real life problems by providing mentoring.
- To encourage students for innovative ideas and experimentation through involvement in research expos.

COSIOO BA

(Prof. Dr. S. S. Gholap) PRINCIPAL Art's,Science & Commerce College,Rahata

Innovation and Incubation Center (IIC)

Advisory Committee

- 1. Mr. Vilas Madhukar Satav Oxagaon Pharmaceuticals, Ahmednagar(MS)
- 2. Mr. Mahindra Patare Renuka Herbal Industries. Ahmednagar(MS)
- 3. Mr. Sanjay Ramnath Tumbare Avinash Herbals Pvt. Ltd. Ahmednagar(MS)
- 4. Mr. Harshal Raut Harwin Chemicals Pvt. Ltd. Rahuri. Ahmednagar(MS)
- 5. Secretary, Janseva Foundation, Loni.
- Mr. Ankush G. Sarade Sparge Chem. Pvt. Ltd. J288/2 near Indrayani Nagar Chauk, Bhosari, Pune411026

College Committee

Sr. No.	Name of the Staff	Designation
1	Prof.(Dr.) S S Gholap	Chairman
2	Dr. S. K. Pulate	Member
3	Dr. G. D. Shirole	Member
4	Dr. D. M. Nalage	Member
5	Mr. Talole S. D.	Member
6	Dr. Dighe M. B.	Member
7	Dr. Antre A. G.	Member
8	Mr. Dhawale R. V.	Coordinator
	_,1	

College & College

PRINCIPAL Art's,Science & Commerce College,Rahata

Innovation and Incubation Centre (IIC)

Workshop on Entrepreneurship Assistance

Date: 10 March 2023

Resource Person- Mr. Nitin Balasaheb Landage

President, Saishwari Foundation, Director, Trans-view Technology Pvt.

Ltd, Training Provider, Telecom Centre, Govt. of India

Report

Shirdi Sai Rural Institute's Arts, Science and Commerce, College Rahata in association with Savitribai Phule Pune University, Pune organized a Workshop on Entrepreneurship Assistance, on Friday, 10th March 2023. The chief guest Dr. Vijay Kharde, Assistant Professor, PVP College, Pravaranagar and Mr. Nitin Landage, President, Saishwari Foundation were present for the workshop. The President of the workshop Prof. Sanjay Lahare graced the occasion. The Chief Guest Dr. Vijay Kharde informed the students about what is entrepreneurship and what qualities one should have for the business. An entrepreneur is a manager and one needs to have finance and humility in the world of entrepreneurs. Students should acquire business knowledge while pursuing college education. A business is always beneficial than jobs. While choosing a business, a businessman should have marketing approach. Students should have good observation ability.

Mr. Nitin Landage said that to do business, you need to have a noble mind. One should have an affinity towards business, strong confidence and patience. The president of the program Prof. Sanjay Lahare stated that such workshops are beneficial to the students and it is implemented by the college under the Student Development Board (SWB) of SPPU, Pune. Total 87 students benefitted from this workshop. The workshop anchored by Dr. D. M. Nalage and Prof. C. M. Bansode proposed vote of thanks for the program. Prof. Pranali Bothe, Dr. Dighe M.B. worked hard for the success of the workshop. Dr. Kadam S. B., Prof. Pravin Kolge and Prof. Poonam Tambe were present for the workshop.

Student Development Board

STUDENT WELFARE OFFICER
Arts, Science & Commerce College
Rahata, Tal. Rahata, Dist. A'Nagar.

(Prof. Dr. S. S. Gholap)
PRINCIPAL
Art's, Science & Commerce
College, Rahata

Workshop on Emerging Trends in Agriculture Entrepreneurship



Mr. Nitin Landage guiding the students on Entrepreneurship Assistance on 10/03/2023

Date: 10 Oct. 2022

Resource Person- Mr. Rahul Cholke, Entrepreneur, Saideep Agro Industries, Astagaon

Report

The Department of Geography has organized a special lecture on "Emerging Trends in Agriculture Entrepreneurship under MoU on 10th October 2022. Prin.Prof.Dr.S. S. Gholap was the president for the programme. The Department of Geography has an MoU with Saideep Agro Industry, Astagaon for educational purpose. The entrepreneur and the alumni of the institute Mr. Rahul Cholke extend his ideas about new trends in agriculture. modern techniques and marketing in details. He said, modern agriculture and marketing becomes an important issues in last ten years. Farmers of local area are interested to use modern techniques for better production. Farmers are turning from traditional agricultural to modern agriculture. Prin. Dr. Prof. S. S. Gholap gives a valuable guidance on Emerging Trends in Agriculture Entrepreneurship. Agriculture has shown significant changes over the decades, and new technologies has also been developed. Emerging technologies in farming and agriculture pave the way for more opportunities. Prof. C. M. Bansode expressed the vote of thanks. The programme was successfully conducted under the guidance of Hon'ble Director Dr. M. N. Kharde . Prin. Prof. S. S. Gholap, Vice Prin. Dr. D. N. Dange, Dr. S. B. Kadam, and Total 48 students have actively participated in the event.

Dr. D. M. Nalage

(Prof. Dr. S. S. Gholap) PRINCIPAL Art's,Science & Commerce College,Rahata

Emerging Trends in Agriculture Entrepreneurship



Prin. Prof. (Dr.) S. S. Gholap guiding on Emerging Trends in Agriculture Entrepreneurship in the presence of Mr. Rahul Cholke, Dr. D. N. Dange and Dr. V. R. Pawade .



Students Participated in the Programme of "Emerging Trends in Agriculture Entrepreneurship"

PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar.

Indian Knowledge Systems (IKS)

Workshop on Modi Lipi

Date: 24 March - 30 April 2022

Resource Person- Mr. Mahesh Joshi,

Vasundhara, Language, Modi Script Conservation and Research Centre, Pune

Report

The Department of History and Marathi of Arts, Science and Commerce College, Rahata has conducted workshop on Modi Lipi" from 24/03/2022 to 30/04/2022. 42 students and youth from the nearby villages participated in the program. Hon. Shri. Mahesh Joshi, Vasundhara, Language, Modi Script Conservation and Research Centre, Pune, worked as a resource person.

On the occasion of inaugural function of this workshop, Dr. Mahesh Kharde, Principal Prof. S.V. Lahare, Vice Principal Dr. D. N. Dange, Dr. S. K. Pulate, and Prof. T. K. Kumkar were present. Dr. S. B. Kadam introduced the guest and put forward the outline of the entire program. The Chief Guest, Hon. Shri. Mahesh Joshi guided the students about the significance of Modi Script. President of the event Dr Mahesh Kharde stated that such certificate courses are organized to enhance the knowledge of the students. He also convinced that such course leads towards the overall development of students. The vote of thanks was delivered by Dr. D.M. Nalage. During the workshop Shri. Mahesh Joshi taught the students about identification of letter, words, dates, months, letter writing, and conducted practical sessions. After the successful evaluation of the participants the certificates were distributed and the feedback was collected. The outside participants Shri. Sandip Sahebrao Satpute and Prof. Anil Pawate, registered for the course and expressed their thoughts in the valedictory function



Mr. Mahaesh Joshi guiding to students and sharing information about Modi Lipi



Modi Lipi Training Programme photo



Mr.Mahesh Joshi (Modi Lipi Trainer) discuss with students about Modi Lipi

I/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist Ahmednagar.



।। श्री ।।

।। वळणदार प्राचीन लिपी ही मोडी. गिरवता गिरवता लागेल गोडी ।।

वसुंधरा' भाषा, मोडीलिपी संवर्धन <mark>आणि</mark> संशोधन केंद्र, पुणे - ५१.



शिडीं साई रुरल इन्स्टिट्युटचे,

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता

जि. अहमदनगर - ४१३७१०

इतिहास व मराठी विभाग यांच्या संयुक्त विद्यमाने आयोजित

मोडीलिपी प्रमाणपत्र कोर्स

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प्रमाणपत्र



प्रमाणित करण्यात येत आहे कि

श्री./कु.

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ते दि

पर्यंत आयोजित

केलेल्या मोडिलिपी प्रमाणपत्र कोर्स मध्ये सहभाग घेतला होता. त्यात ते / त्या यश<mark>स्वीरीत्या उत्तीर्ण झाले</mark>/झाल्या. आपला मोडीलिपीचा छंद यापुढे ही असा<mark>च चालु ठेवावा या शुभे</mark>च्छांसह हे प्र<mark>माणपत्र.</mark>

अभिनंदन !

श्री. महेश सुरेश जोशी

अध्यक्ष

'वसुंघरा' भाषा, मोडीलिपी संवर्धन आणि संशोधन केंद्र, पुणे-५१

प्रा. ए. बी. मते इतिहास विभाग प्रमुख

मराठी विभाग प्रमुख

मोबाईल : +९१ ७३५०७२८७१८ • E-mail : mahesh16270@gmail.com

Yoga and Meditation

Date: 03rd July 2018

Resource Person- Miss. Varsha Bahen,

Bhramhakumari Centre Rahata

Report

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of English Programme on Yoga and Meditation

Report

The Department of English has organized a programme on Yoga and Meditation as a part of MoU with Brmhakumaris center, Rahata on 3rd July, 2018. B. K. Varsha Didi from Rahata centre was the resource person for this programme. She guided on the ways of practicing Rajyoga Meditation in our day to day life. She conducted practical session on meditation. She also guided on benefits of regular meditation for stress-free and happy life.

Miss Rohini Kasar introduced the chief guest and rationale of the programme. Prin. Dr. B. K. Salalkar talked about the importance of Yoga and meditation in one's life. He also appealed to the participants to exercise daily for physical fitness and practice meditation for mental wellbeing.

Total 125 staff and students were benefitted by the programme.

PRINCIPAL

Arts, Science & Commerce College,
Rohala, Dist-Ahmednagar

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of English Programme on Yoga and Meditation



Introduction of the programme of Yoga and Meditation



Students' precipitation in the programme





UNIVERSITY & COLLEGE EDUCATORS' CONFERENCE ON

EDUCATORS - THE ARCHITECTS OF FUTURE GENERATION



14th to 18th April 2023, Gyan Sarovar, Mount Abu

Certificate

This is to certify that M/Ms/Dr/Prof. Robini Dattadraya Kasar from College/University SRT's Arts Science and Commerce Callege, Rebetas participated in the University & College Educators' Conference on "Educators – The Architects of Future Generation" organised by Rajyoga Education & Research Foundation (Education Wing) and Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu from 14th to 18th April, 2023 at Gyan Sarovar, Academy for A Better World, Mount Abu, Rajasthan.

B. U. Sheiba (BK Sheilu) Vice-Chairman Education Wing (RERF)

(DR. BK Mruthyunjaya) Chairperson Education Wing (RERF)



UNIVERSITY & COLLEGE EDUCATORS' CONFERENCE ON

EDUCATORS - THE ARCHITECTS OF FUTURE GENERATION



14th to 18th April 2023, Gyan Sarovar, Mount Abu



This is to certify that Mr/Ms/Dr/Prof. Aince Shablix Shalks from College/University. Ass. Science of Commerce college, Rabela has participated in the University & College Educators' Conference on "Educators – The Architects of Future Generation" organised by Rajyoga Education & Research Foundation (Education Wing) and Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu from 14th to 18th April, 2023 at Gyan Sarovar, Academy for A Better World, Mount Abu, Rajasthan.

B. U. Sheiler (BK Sheilu) Vice-Chairman Education Wing (RERF)

(DR. BK Mruthyunjaya) Chairperson Education Wing (RERF)

Travel and Tourism

Date:13 Oct. 2021

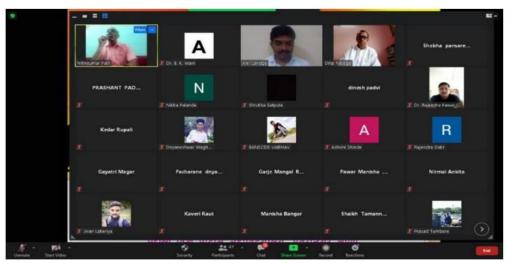
Resource Person- Mr. Ravikant Thorat,

Manager MTDC Branch Shirdi

Report



Photographs of Event





Vedic Mathematics

Add on Course

Date: 15 May 2023 to 31 May 2023

Report

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Mathematics Add-On Course: "Vedic Mathematics" (15 May 2023 to 31 May 2023)

Report

The Department of Mathematics of Art's, Science and Commerce College, Rahata has organized the Add-On-Course on the topic "Vedic Mathematics" during the period of 15 May 2023 to 31 May 2023. This add-on course aims to provide simple techniques of difficult calculations with speed in less time and which is also applicable in our daily transactions.

Vedic Mathematics is a collection of Methods or Sutras to solve numerical computations quickly and faster. It consists of 16 Sutras called Formulae and 13 subsutras called Sub Formulae, which can be applied to the solving of problems in arithmetic, algebra, geometry, calculus, etc. All the sutras and sub sutras of Vedic maths help to perform mathematical operations quickly and accurately. We tried to overview 16 sutras in stipulated time.

In this course total 31 students were participated and they successfully completed the course. Dr.B.D.Gavhane, Prof.P.S.Gholap and Prof.T.K.Kumkar has delivered the lectures during the course period.

The Department of Mathematics is very thankful to Director, Principal, Vice Principal and IQAC coordinator of A.S.C. College Rahata for providing permission and making availability of learning resources at various stages of course.

Prof.T.K.Kumkar Co-Ordinator

18

SHIRDI SAI RURAL INSTITUTE`S



Vedic Math Asia

 $e^{i\pi} + 1 = 0$

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



TAL- RAHATA, DIST.- AHMEDNAGAR-423 107

NAAC RE-ACCREDITED B++ GRADE COLLEGE



DEPARTMENT OF MATHEMATICS

ORGANIZED ADD-ON COURSE ON



" Vedic Mathematics"



CERTIFICATE



This is to certify that, Mr./Miss. **Yadav Nikita Balasaheb** of S.Y.B.Sc has actively participated in add on course on "**Vedic Mathematics**" Organized by Department of Mathematics, Arts, Science and Commerce College, Rahata, Dist. Ahmednagar affiliated to SPPU, Pune held during **15**th **May 2023 to 31**st **May 2023**.



Mr. T. K. Kumkar

Co-ordinator

Prof. (Dr.) S.S.Gholap

Principal

Intellectual Property Rights (IPR) Workshops

Workshop on Intellectual Property Rights-Patents & Design Filing

Date: Monday, 07th February, 2022

Resource Person- Dr. Bharat N. Suryawanshi

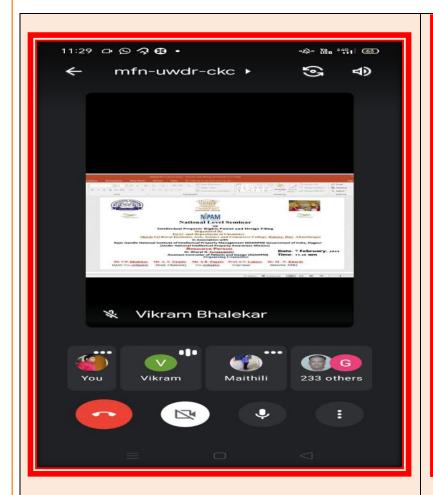
Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur

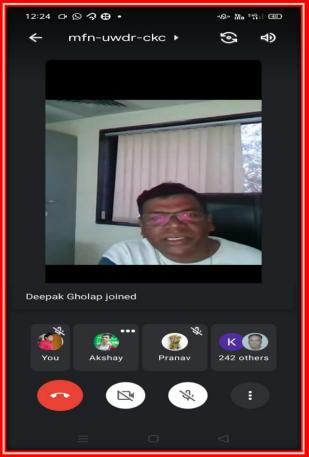
Report

National level workshop on "Intellectual Property Rights (IPR) Patents and Design Filing" Organized By IQAC and Department Of Chemistry In association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) Government of India, Nagpur (Under National Intellectual Property Awareness Mission) on 7th Feb. 2022 at 11.30 am on Google meet platform.Principal Prof. S.V.Lahare inaugurated the program. Director Dr.M.N.Kharde give brieg and importance of IPR in research perspective and Prof. A.R.Pagare introduced the speaker. The workshop students and was organized for staff. More than 600 participants across the nation joined the workshop of IPR. Dr.Bhart Suryavanshi from Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) Government of India, Nagpur, gave detailed information of meaning of Intellectual property. How to file and what is the procedure involved in filing the patent. For Students he gave the information of job opportunities as a patent officer. He discussed about the current research in his field and how to take it to patent level.

Dr. G.D.Shirole, from Department of chemistry proposed the vote of thanks.

The feedback is collect from the participants.







Dr.Bharat N Suryawanshi (RGNIIPM) Delivering the lecture







Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

SHIRDI SAI RURAL INSTITUTE'S ARTS, SCIENCE & COMMERCE COLLEGE, AHMEDNAGAR

In recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on February 07, 2022 in association with RGNIIPM, Nagpur by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.

Date: March 29, 2022







Memorandum of Understanding (MoUs)

Sr. No.	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Duration of MoU	Start Date	End Date	Nature of Collaboration
1.	NAAC Best Practice, Maharashtra Information Technology Supports. Career katta, Kolhapur	5 years	12/04/2023	12/04/2028	Academic Activities , Training
2	Center of Excellence, Maharashtra Information Technology Supports. Career katta, Kolhapur	5 years	12/04/2023	12/04/2028	Academic Activities , Training
3	Model Skill Development, Maharashtra Information Technology Supports. Career katta, Kolhapur.	5 years	12/04/2023	12/04/2028	Academic Activities , Training
4	Atharva Agrochemical Industries , Malegaon, MIDC Tal- Sinner Dist- Ahmednagar	5 years	24/01/2023	24/01/2028	Industrial training program, Researd Projects, Industrivisit, Placement, activities under in control (10 to 10 to

5	Kapynag Pharma Pvt. Ltd, Pimpalnare, Tal-Dindori, Dist- Nashik (MS)	5 years	24/01/2023	24/01/2028	Industrial training program, Research Projects, Industrial Visit, Placement, activities under incubation centre
6	Janseva Foundation Loni Bk	5 years	14/10/2022	14/10/2027	Extension activity, Academic Activities.
7	Janabaji Suman Bahudeshiya Sevabhavi Sanstha's Educational Counseling and assistance center, Mantha Dist. Jalna.	5 years	23/03/2023	23/03/2028	Academic and Quality Enhancement in Higher education through Collaborative activities
8	Deepmega Polymer Pvt. Ltd. Malegaon MIDC, Tal-Sinner Dist- Nashik	5 years	11/07/2022	11/07/2027	Industrial training program, Research Projects, Industrial Visit, Placement, activities under incubation centre
9	Nilaya Education Group and Nilaya life and Skills Educares pvt. Ltd Sadashiv peth pune	5 years	22/10/2022	22/10/2027	Skill development and Enhancing employability of students
10	Tax Consultant and Auditor, Rahata	5 years	17/10/2022	17/10/2027	Extension activity, Consultancy

				Commercial	
				S (Ger-Khada)	services and academic activities like internship etc.
11	Grampanchyat Pimplas	5 years	22/11/2022	22/11/2027	Extension activity, Consultancy services and academic activities
12	V can Digital solutions Pune	3 years	11/10/2022	11/10/2025	Student / teacher training, student placement assistance and academic activities.
13	Sai samarth Oil Mill Pvt .Ltd Sakuri Rahata	5 years	26/07/2022	26/07/2027	Extension activity, Consultancy services and academic activities like internship etc
14	Indian Association of Physics Teachers (IAPT) Regional Council 08 Maharashtra	1 Years	07/07/2022	07/07/2023	Research activities, Collaborative activities and academic activities
15	Shree ganesh Rose Nursery and Farm Pune	5 Years	23/03/2022	23/03/2027	Training program ,field visit and academic activities.
16	Vasundhara Bhasha Modilipi Sanvardhan and sanshodhan Kendra , Pune	4 Years	31/03/2022	31/03/2026	Training regarding Modi lipi
17	Vishwa Hindi Sahitya Seva Sanstha , Prayagraj	5 Years	05/03/2022	05/03/ 2027	Collaborative Research and
				Tel-Ranae Oss Ariass	

					Academic activities
18	Saideep Agro Industries Astagaon tal-Rahata	5 Years	15/02/2022	15/02/2027	Extension activity, Consultancy services and academic activities like internship etc
19	Padmashri Vikhe Patil college of Arts, Science and Commerce Pravaranagar	5 Years	16/06/2022	16/06/2027	Collaborative Research and Academic activities
20	Krishi Vigyan Kendra, Babhaleshwar Dist- Ahmednagar	5 Years	14/02/2022	14/02/2027	Extension activity, Consultancy services and academic activities like field visit etc
21	Saibaba Clinical Laboratory , Rahata	5 Years	07/02/2022	07/02/2027	Training and academic activities
22	Smartchem plus, MIDC Ambad, Nashik	5 Years	05/02/2022	05/02/2027	Training and academic activities
23	Vaishali Agro Farm, Chinchpur	5 Years	28/01/2022	28/01/2022	Extension activity, Consultancy services and academic activities like field visit etc
24	Academy for Environment and Life Sciences Agra	5 Years	18/08/2021	18/08/2026	Research Activities, Collaborative conferences, workshops etc
25	Shri waghmare Brothers(P) Event management Company,	Only for event	21/11/2021	21/11/2021	Research journal publication,

				(St. (Tel-Rahata St.) (St.)	
	Nashik			Sily - Single	Organizing international conference etc
26	Arts, Commerce and Science College Sanvatsar, Kopergaon	5 Years	01/10/2020	01/10/2025	Collaborative research, Academic activities, Student /Faculty exchange
27	SLH Advisor's Pvt. Ltd, Sangamner , Ahmednagar, Maharashtra	3 Years	17/06/2020	17/06/2023	Skill development out come based trainings, Internship R& D services and Related Services,
28	V.S.Gandhi & Co Charted Accounts, Shirdi ,Ahmedngar (MS)	3 Years	17/06/2020	17/06/2023	Skill development out come based trainings, Internship R& D services and Related Services,
29	Saint Xavier's Church Rahata	3 Years	23/12/2019	23/12/2022	Academic and Extension activities includin field visit etc
30	Arts, Commerce and Science College Satral.	5 Years	22/09/2019	22/09/2024	Collaborative Research and Academic activities
31	Maharashtra Tourism Development corporation(MTDC) the piligrims shirdi, Tal-Rahata	5 Years	20/09/2019	20/09/2024	Extension Activity Consultancy services and Academic activity

1							
ı		Dist-Ahmednagar					
	32	Prajapita Brahmakumari Ishwariya Vishwa vidyalaya Rahata	3 Years	30/06/2018	30/06/2021	Academic and Extension activities	







Skill Development Certificate Courses

LIST OF THE CERTIFICATE /ADD ON COURSES 2022-23 2018-19

Sr.	Academic	Name of the Course	No. of
No.	Year		students
1	2022-23	Certificate course in Indian Constitution	107
2		A skill Development course in Soap and	
		Detergent	62
3		Add on course on LED Light Repair Technician	29
4		Soil Water Analysis	124
5		Digital Marketing	112
6		Advanced Communication Skills in English	103
7		Basic Concepts in Spectroscopy	105
8		Add on course on Vedic Mathematics	52
9		Sustainable Development Goals	59
10	2021-22	Advanced computer skills	42
11		Certificate course in Human Rights	100
12		Certificate course in Modi Lipi Training	43
13		Certificate course in Soil and Water Analysis	110
14]	Certificate course in Sericulture	30
15		Certificate course in Mushroom cultivation	69
16		Certificate course introduction to Banking	60
17		Certificate Course in GIS	45
18		Massive Open Online Course English for Personal	
		and Professional Development	27
19	2020-21	Certificate course in ICT	149
20		Add on course on Historical and religious tourist	
		places in Maharashtra	118
21		Add on Awareness about Disaster and	
		Management2020-21	121
22		Certificate course in Human Rights	100
23		Communication skills in Marathi	30
24		SWAYAM NPTEL Certificate Course	
		99Experimental Physics-I)	10
25	2019-20	Repair and Maintenance of Home appliances	128
26		Basic Computer skills	140
27		Handicraft Making	121
28		Research and Analytical Skills (Sem- I)	48
29]	Research and Analytical Skills (Sem-II)	54
30]	Personality Development	160
31		Interview Skills	112
32		Value Education	122

33	2018-19	Tourism Guide	180
34		Nursery Management	154
35		Introduction to GST	166
36		Spoken English (Sem I)	30
37		Spoken English (Sem II)	30
38		Marathi Lekhan Kaushal Vikas	200
39		Human Rights	79





(Prof. Dr. S. S. Gholap)
PRINCIPAL
Art's, Science & Commerce
College, Rahata

Student Participation and Achievements

POLYCYCLIC AROMATIC COMPOUNDS https://doi.org/10.1080/10406638.2023.2179080





Novel Pumice Supported Perchloric Acid Promoted Protocol for the Synthesis of Tetrahydrobenzo[b]pyran via Multicomponent Approach

Adinath Tambe^a, Chaitali Dange^a, Jayshri Gavande^a, Ravindra Dhawale^a, Vijay Kadnor^b, Anil Gadhave (10), and Gopinath Shirole

^aDepartment of Chemistry, A.S.C. College, Rahata, Maharashtra, India; ^bDepartment of Chemistry, A.C.S. College, Satral, Maharashtra, India; Cpepartment of Chemistry, P.V.P. College, Loni, Maharashtra, India

ABSTRACT

A novel heterogeneous pumice supported perchloric acid catalyzed synthesis of tetrahydrobenzo[b]pyran has developed via multi-component condensation of aromatic aldehydes, dimedone and malononitrile. The catalyst was characterized by IR, XRD, EDS, SEM, and TGA techniques which confirmed the formation novel pumice supported perchloric acid. The present protocol proved to have numerous advantages like one-pot reaction, good yield, short reaction time, inexpensive catalyst, recyclability and reusability of the catalyst, simple experimental and work up procedure, and purification of targeted molecules without column chromatography.

ARTICLE HISTORY

Received 26 October 2022 Accepted 4 February 2023

KEYWORDS

Pumice supported perchloric acid; tetrahydrobenzo[b]pyran; multi-component reaction: dimedone; malanonitrile

Introduction

In the last two decades, volcanic pumice and pumice based materials have been employed in divergent organic transformations such as reduction reaction, oxidation reaction, photo catalytic degradation, multi-component condensation reaction and also water treatment process. These varied reactions are achieved because large silica content of the pumice which was converted into active catalytic material. The appreciable advantages of pumice supported catalytic materials are heterogeneous nature, good surface area, excellent catalytic activity, thermal stability, high porosity, high absorption capacity, recyclability and reusability, etc. 1-9

Multi-component reaction (MCR) approach has gained excellent impact in the discovery of heterocyclic compounds due to the synthetic efficiency and economy. The MCR strategy is a one step synthetic operation with incredibly well-designed and quick approach to discover highly functionalized and complex biologically active molecules. It has also advantages like high flexibility, high atom economy and high selectivity. 10-12 The synthesis of tetrahydrobenzo[b]pyrans is also an important illustration of the multi-component reaction.

The tetrahydrobenzo[b]pyran derivatives are extremely significant to the organic chemists because of their prominent biological and pharmacological activities. They are fascinating polyfunctionalized compounds which possess a wide variety of biological activities like anti-allergic, antibacterial, anti-coagulant, anti-tumor, calcium channel antagonists and diuretic etc. Along with biological activities, some derivatives of tetrahydrobenzo[b]pyran have been employed as photoactive materials and agrochemicals. They are also used in cosmetics and pigments. 13-18 The some illustration of biologically active tetrahydrobenzo[b]pyran derivatives shown in Figure 1.

Maharashtra, India

CONTACT Gopinath Shirole 🖾 gdshirole@gmail.com 💿 Department of Chemistry, A.S.C. College, Rahata, 423107

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Contents lists available at ScienceDirect

Sustainable Chemistry and Pharmacy

journal homepage: www.elsevier.com/locate/scp



Novel Pumice@SO₃H catalyzed efficient synthesis of 2,4,5-triarylimidazoles and acridine-1,8-diones under microwave assisted solvent-free path

Adinath Tambe^a, Anil Gadhave^b, Akshay Pathare^a, Gopinath Shirole^{a,*}

- Department of Chemistry, Arts, Science & Commerce College, Rahata, Ahmednagar, Maharashtra, 423107, India
- b Department of Chemistry and Research Centre, Padmashri Vikhe Patil College, Loni, Rahata, Ahmednagar, Maharashtra, 413713, India

ARTICLE INFO

Keywords: Pumice Pumice@SO₃H Imidazole Acridinedion Benzil Dimedone Microwave

ABSTRACT

In the present investigation, new heterogeneous catalyst pumice supported sulfonic acid (pumice@SO3H) was prepared from natural pumice by simple agitation with chlorosulphonic acid. The catalytic performance of a pumice@SO₃H was investigated for the synthesis of 2,4,5-triaryl imidazoles and acridine-1,8-diones under microwave (MW) assisted solvent-free condition. The pumice@SO₂H was stable and exhibits a good Brønsted acidic character. The beneficial characteristic features observed with this protocol are the recyclability of catalyst, the solvent free approach, the applicability to a wide variety of substrates, good to excellent yields, and easy to use. The catalyst pumice@SO₃H with MW has been increased the green chemistry value of this method.

1. Introduction

Pumice is a naturally occurring volcanic material which has attracted attention due to various outstanding features associated with it such as high abundance, cheaply available, high porosity, large surface area, light weight and non-toxic nature. The presence of a high percentage of silica and a good number of hydroxyl groups makes it suitable as a backbone to develop new heterogeneous solid acid catalysts. The pumice supported materials have been employed as heterogeneous catalysts in numerous organic transformations (Yuana et al., 2012; Venezia et al., 2001; Alver et al., 2016; Deganello et al., 2000). Due to the presence of huge numbers of hydroxyl groups, Pumice has been converted into several active catalysts such as acidic (Maleki et al., 2020), nano-composites (Valadi et al., 2020), and metal supported catalyst (Liotta et al., 2001; Duca et al., 1995). This volcanic pumice material has also been used as adsorbents (Bekaroglu et al., 2010) and as photo catalysts in the water treatment (Rao et al., 2003).

The microwave assisted reactions is a well established green, and the minimum time consuming path used for the synthesis of a number of Nheterocycles by MCRs. The microwave protocol provides a clean, efficient, quicker, simple and powerful dielectric heating for the construction of complex heterocyclic compounds (Ahankar et al., 2016; Shirole et al., 2017, 2018; Mullassery et al., 2018; Bhatt et al., 2018; Magyar and Hell, 2019; Ulus et al., 2016; Zhu et al., 2017; Alirezvani et al., 2019). The multicomponent reactions (MCRs) have fascinated exceptional protocol for one pot synthesis of diverse heterocyclic compounds. The interesting characteristic features of MCRs are their high atom economy, synthetic efficiency, single operation, and simplicity (Aute et al., 2020; Bienayme et al., 2000; Harikrishna et al., 2020; Naeimi and Didar, 2017; Kiyani and Ghorbani, 2015; Alinezhad et al., 2020; Thwin et al., 2019). The synthesis of 2,4,5-triarylimidazole (Maleki et al., 2015), and acridine-1,8-diones (Yu et al., 2017) are provides the significant illustrations of multicomponent reactions. The imidazole and 1,4-dihydropyridine scaffolds are the important class of heterocyclic compounds, exhibit promising biological and pharmaceutical activities (Gong et al., 2016; Weinstein et al., 2007; Trommenschlager et al., 2017; Takle et al., 2006; Gunduz et al., 2014; Periyasami et al., 2019; Bhosle et al., 2020; Naouri et al., 2020; Joubert and Kapp, 2020; Jamalian et al., 2011) and also found as a core in various natural products (Fig. 1). Some imidazole derivatives are also used in the preparation of ionic liquids which have played a dual role in synthetic organic chemistry as a catalyst as well as solvents (Alinezhad et al., 2017; Nejatianfar et al., 2018; Ngugyen et al., 2019; Shirole and Shelke, 2016).

The imidazole and pyridine based ligands shows a strong coordination capability and resourceful coordination sites (Guo et al., 2013). They display the properties such as luminescence and gas adsorption (Chen et al., 2014; Li et al., 2018), luminescence and magnetic properties (Li et al., 2020), thermal and solid-state fluorescence, anion sensors

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National Seminar on

Digital Marketing-Opportunities and Challenges
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Students Research Paper

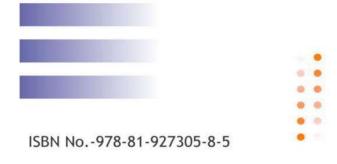
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DEPARTMENT OF COMMERCE Arts, Science & Commerce College Rahata, Dist Ahmednagar



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Student Participation and Achievements

College Level Avishkar Competition 2022



Dr. Jitendra Kumar Vaishya (Scientist, Ministry of Ayush, New Delhi), Dr. Naik sir (Scientist, Agharkar research institute, Pune), Dr. Naik Madam (Scientist DRDO, Pune), Hon.Dr. Digambar Mokat (Director, Regional facilitation centre, Ministry of Ayush, SPPU, Pune) Dr. M.N. Kharde (Director SSRI) inaugurated the Competition







Prin. Prof.(Dr.) S.S.Gholap guiding participants during Avishkar Competition

Pravara Science Fiesta Participation





Mr Roshan Khambekar and Mr Shubham Game Student of SYBSc-2019 Participating Pravara Sci-Fiesta Competition-2019

Student Achievement

Mr Roshan Khambekar and Mr Shubham Game Student of SYBSc-2019 got $3^{\rm rd}$ Prize in Pravara Sci-Fiesta Competition-2019





Student Achievement

Miss Tirse Samrudhi got 1St Prize in Poster Competition held at Arts,Commerce, Science and computer Science College Ashvi KD





Teacher Awards



Dr. S. R. Potdar received Research Excellence Award 2021 From Institute of Scholar for his research

Two Patents of Dr. G D Shirole (Department of Chemistry)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202321078503 A

(19) INDIA

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(43) Publication Date: 09/02/2024

(54) Title of the invention: AN IMPROVED PROCESS FOR SYNTHESIS OF 3-(PIPERAZIN-1-YL)-1,2-BENZOTHIAZOLE **DERIVATIVES**

:A61K31/495, A61K31/496, A61K31/4995, (51) International

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Application Number Filing Date

C07D241/00, C07D277/62, C07D295/00, C09B29/045

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(57) Abstract

ABSTRACT OF THE INVENTION: AN IMPROVED PROCESS FOR SYNTHESIS OF 3-(PIPERAZIN-1-YL)-1,2-BENZOTHIAZOLE DERIVATIVES The present invention relates to an improved process for synthesis of 3-(piperazin-1-yl)-1,2-benzothiazole derivatives with high purity and high yield. The present invention relates to the process which is fast, simple, highly efficient, and reproducible. The present invention further provides the optional synthesis of 5-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)-1,3,4-oxadiazol-2-amine derivatives and 5-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)-1,3,4-oxadiazol-3-yl)piperazin-1-yl)methyl (benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)-4H-1,2,4-triazole-3-thiol derivatives.

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C07D241/00, C07D277/62, C07D295/00,

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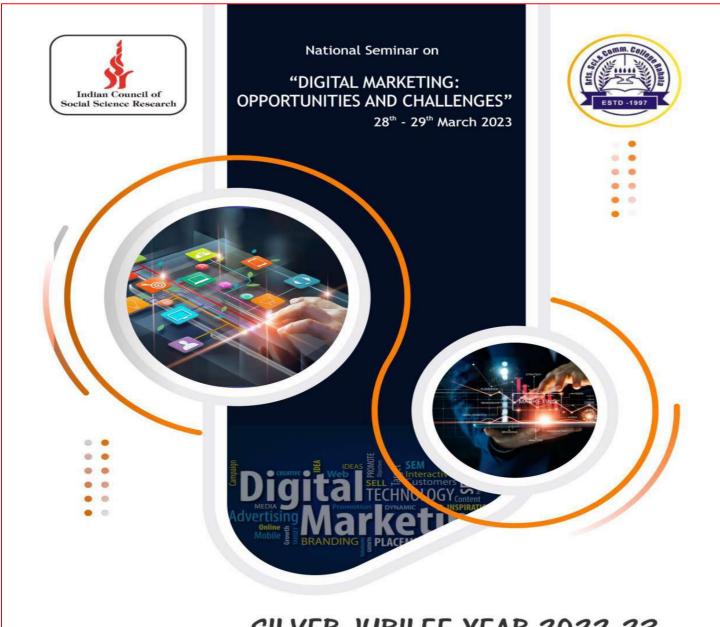
College of Arts, Science and Commerce, Pravaranagar A/P-Loni Kd, Tal-Rahata, District- Ahmednagar (MS), PIN – 413713 --------

(57) Abstract:

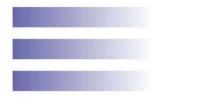
ABSTRACT OF THE INVENTION: NOVEL 3-(PIPERAZIN-1-YL)-1,2-BENZOTHIAZOLE DERIVATIVES The present invention relates to novel 3-(PIPERAZIN-1-YL)-1,2-BENZOTHIAZOLE compounds, derivatives, analogues, pharmaceutically acceptable salt, solvate, enantiomer or diastereomer thereof, represented by formula (I). The invention also provides a pharmaceutical composition comprising therapeutically effective amount of the novel 3-(PIPERAZIN-1-YL)-1,2-BENZOTHIAZOLE compounds (as defined herein), which is useful for the treatment of bacterial infections. (I)

No. of Pages: 24 No. of Claims: 4

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2	2022-23	Collaborative Research out put – Research Paper	Feb 2023
3	2022-23	Research Guide	10/05/2023
4	2022-23	Research Guide	06/08/2022
5	2022-23	Research Guide	06/08/2022
6	2021-22	Collaborative Research out put – Research Paper	3 july 2021
7	2021-22	Research Guide	20/09/2021
8	2020-21	Collaborative Research out put – Research Paper	Jan 2021

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