

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year (2020-21).

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Research	Padmashri Vikhepatil College of Arts, Science and Commerce College, Pravaranagar. Email-pvpcollege@gmail.com	Dr.G.D.Shirole	2020	2020-2022	Research Paper
2	Research	Arts, Science and Commerce College Satral Tal-Rahuri	Dr.G.D.Shirole	2019	2020-2024	Research Paper
3	Research	Padmashri Vikhepatil College of Arts, Science and Commerce College, Pravaranagar. Email-pvpcollege@gmail.com	Prof. A.S.Tambe	2020	2020-2022	Research Paper
4	Research	Padmashri Vikhepatil College of Arts, Science and Commerce College, Pravaranagar. Email-pvpcollege@gmail.com	Dr. S.K.Pulate	2018	2018-2026	Research guide
5	Research	Sangamner Nagar palika Arts, D.J. Malpani Commerce and B.N. Sarda Science college Sangamner-422605 Email- sangamner_college@rediffmail.com	Dr. R. N. Wakchoure	2018	2018-2026	Research guide
6	Research	C.D.Jain College Shrirampur Dist-Ahmednagar	Dr. M.S. Padgaonkar	2020	2020-2022	Research guide
7	Faculty exchange	Arts, Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr. B.K.Salalkar	2020	2020-2023	Online Lectures

8	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Prof. A.S.Tambe	2020	2020-2023	Online Lectures
9	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr. G.D.Shirole	2020	2020-2023	Online Lectures
10	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Prof.A.R.Pagare	2020	2020-2023	Online Lectures
11	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Prof.S.V.Lahare	2020	2020-2023	Online Lectures
12	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr.V.S.Patil	2020	2020-2023	Online Lectures
13	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr.V.R.Pawade	2020	2020-2023	Online Lectures
14	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr. S.R.Potdar	2020	2020-2023	Online Lectures
15	Faculty exchange	Arts,Commerce and Science College Sanvatsar Tal-Kopargaon Dist-Ahmednagar	Dr.V.P.Bhalekar	2020	2020-2023	Online Lectures





CITRUS LEMON JUICE MEDIATED A COST EFFECTIVE ONE POT EFFICIENT SYNTHESIS OF 1, 4 DIHYDROPYRIDINES

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Abstract: Citrus lemon juice is found to be an efficient natural organo catalyst for the one pot three component synthesis of 1, 4 dihydropyridines using aromatic aldehydes, ethyl acetoacetate and ammonium acetate at 80°C under solvent-free condition. The crucial features of this protocol are use of non-toxic and readily available natural catalyst, good to excellent yield, green synthesis, solvent-free condition and shorter reaction time with no by-products.

Keywords: 1, 4 dihydropyridines, citrus lemon juice, green synthesis, natural catalyst, solvent-free condition.

Introduction

Nowadays, the pollution related issues have become a major concern. In this context the green approach for the synthesis of organic molecules of biological significance has gained importance. In multicomponent reaction (MCR) three or more reactants combine to form a productⁱ. The product molecule is obtained in one step and one pot. The multicomponent reactions have advantages such as atom economy, selectivity, efficiency and no by-productsⁱⁱ. The organic Bronsted acids and amines were used as homogeneous catalyst in multicomponent reactions. The Lewis acid supported on solid materials is also used in multicomponent reactionsⁱⁱⁱ.

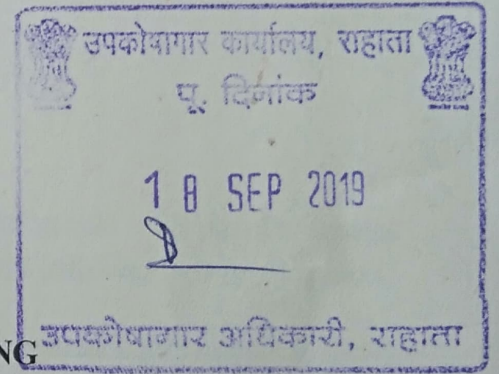
The naturally occurring catalyst becomes important due to features such as green, cheap, easily availability and safe. The fruit juice is employed in to execute the multicomponent organic reactions due to its catalytic properties^{iv, v}. One of them is lemon juice which contains citric acid (5-7%), ascorbic acid (0.5%) and other organic acids having pH in acidic region^{iv}. The lemon juice is useful in the treatment of arthritis and rheumatism, heart disease, cancer prevention, high blood pressure, prevents kidney stone, asthma and etc^{iv}. The citrus lemon juice has properties such as antioxidant and antimicrobial, pharmacological, anti-inflammatory, anti-cancer, antiallergy, cardiovascular protection, neuroprotective and hepato protective^{vi-ix}. Recently, the juice of citrus lemon is also used as a catalyst in different organic reaction^{x-xiii}.



महाराष्ट्र MAHARASHTRA

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MEMORANDUM OF UNDERSTANDING

Preamble:

The Arts, Science and Commerce College, Rahata affiliated to Savitribai Phule Pune University, Pune-7, covered under section 2 (f) and 12 (B) of the UGC Act, 1956 was established in 1997 with a vision of education for the upliftment of rural masses. The college lies in pleasant picturesque campus scattered over 21 acres with excellent state of art, pollution free environment, eco-friendly campus and outstanding infrastructural facilities. The NAAC has accredited the college with 'B++' grade. College is playing vital role in rural area and as a result, we have received the 'Best Rural College Award' from Savitribai Phule Pune University in the year 2013. The college is also honored with the 'Best College Award' in the academic year 2011-12 by Student Welfare Board of Savitribai Phule Pune University.

Arts, Commerce and Science College, Satral Tal-Rahuri Dist-Ahmednagar affiliated to Savitribai Phule Pune University, Pune-7, covered under section 2 (f) and 12 (B) of the UGC Act, 1956 was established in the year 1998. At present the college is running undergraduate and post-graduate programmes in the three disciplines i.e., Arts, Science and Commerce. Recently the college was re-

जोडपत्र -२ / Annexure-11 बँक
खालील शिक्का प्रतिज्ञापत्रा व्यतिरिक्त वापरण्यात येणाऱ्या मुद्रांकावर उमटवावा.

दस्तावा प्रकार / अनुच्छेद क्रमांक (Nature of document / Article No.)	खरेदीखत / साठेखत / गहाणखत
दस्त नोंदणी करणार आहेत का ? (Whether it is to be Registered)	होय / नाही
नोंदणी होणार असल्यास दुय्यम निबंधक कार्यालयाचे नांव If Registrable Name Of S.R.O	राहाता दुय्यम निबंधक कार्यालय, राहाता
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ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे.

accredited with B++ rating and 2.8 CGPA from NAAC, the college received the Best College Award from the Savitribai Phule Pune University.

MoU is been signed between Shirdi Sai Rural Institute's Arts, Science and Commerce College Rahata, Dist. Ahmednagar (MS) and Arts, Commerce and Science College, Satral Tal-Rahuri Dist-Ahmednagar to explore, extend and strengthen the functional relationship between two institutes.

More specifically both the institutes agree to the following types of collaboration:

- Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
- Assist in Student, Teacher Training, and Student exchange, Faculty exchange programme.
- Placement assistance.
- Collaborative Research and Discovery, Teaching and Learning and Engagement.
- Encourage the faculty members and scholars of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
- Share the library and literature facilities mutually by giving access to library and other resources of either institute to scholars/students/research personnel of other institute.
- Other mutually agreed educational programs.

The two institutions will mutually decide upon the terms and conditions including financial support for the implementation of the above task.

We re-affirm our commitment and our willingness to make a consistent effort to ensure that it is implemented effectively and efficiently.

This MoU will be in force for five years from date of sign. After completion of five years, it may be extended after mutual concern of both the institution.

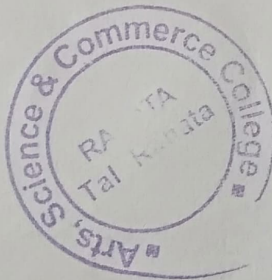
Signed on behalf of Arts, Science and Commerce
College Rahata

~~for~~ PRINCIPAL

Art's, Science & Commerce College

Date- Rahata, Dist. Ahmednagar

22/09/2019



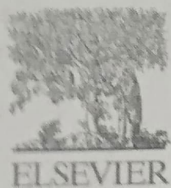
Signed on behalf of Arts, Commerce and Science
College, Satral Tal-Rahuri Dist-Ahmednagar

PRINCIPAL

Art, Commerce & Science College

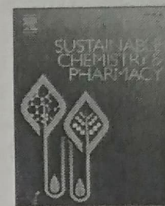
Date- Satral, Tal. Rahuri, Dist. Ahmednagar.

22/09/2019



Contents lists available at ScienceDirect

Sustainable Chemistry and Pharmacy

journal homepage: www.elsevier.com/locate/scpNovel Pumice@SO₃H catalyzed efficient synthesis of 2,4,5-triarylimidazoles and acridine-1,8-diones under microwave assisted solvent-free pathAdinath Tambe^a, Anil Gadhave^b, Akshay Pathare^a, Gopinath Shirole^{a,*}^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
Acridinedione
Benzil
Dimedone
Microwave
Etc

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@SO₃H 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 *N*-heterocycles 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

* Corresponding author.

E-mail address: gdshirole@gmail.com (G. Shirole).<https://doi.org/10.1016/j.scp.2021.100485>

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Ref. No. : PGS

/ 3310

Date : 9 SEP 2021

To,
The Principal,
Padmshri Vikhe Patil College
of Arts, Science and Commerce,
Pravaranagar, Loni, Tal. Rahata,
Dist. Ahmednagar - 413 713.

Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before Meeting held on 25/08/2021 in the subject **Business Administration** (Commerce & Management), The decision/s of the Authority is as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Kolage Pravin Shivaji ✓ Guide: Dr. S. K. Pulate	Topic Approved & Admitted w.e.f. 02/02/2020 “उत्तर महाराष्ट्रातील खाजगी व सहकारी दूध व्यवसायाचे संघटन व व्यवस्थापकीय पध्दतीचा तुलनात्मक अभ्यास.”

Please comply with the directions of the Research & Recognition Committee and University communicate to this office at the earliest.

Thanking You,

Yours faithfully,

8/9/2021
Deputy Registrar
(P. G. Admissions)



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Certified

Pravara Rural Education Society's
**Padmashri Vikhe Patil College of Arts,
Science & Commerce, Pravaranagar,**

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E-mail : pvpcollege@gmail.com

Web - www.pravarapvpcollege.org.in

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Ref. No. *PVPC/2021-22/HD/450/2*

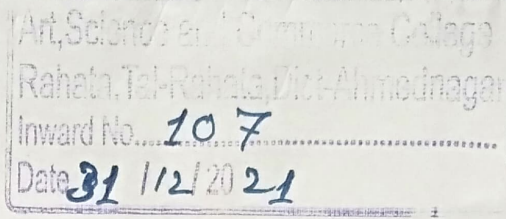
Date - *28/12/2021*

TO ,

The Principal ,

Arts ,Commerce and Science College , Rahata

Tal- Rahata Dist. – Ahemadanagar



Subject-Dr. S.K.Pulate working as an associate guide .

Respected sir,

With respect to above subject Dr S.K.Pulate has been working as an Associate guide to our Research Centre ,in P.V.P.College Pravaranagar w.e.f. academic year 2018-19 in the subject of **Business Administration**.

This letter is given as per request of Dr S.K.Pulate

Thanking you ,

Yours faithfully,

Principal

P.V.P.College loni

Principal
PADMASHRI VIKHE PATIL COLLEGE
PRAVARANAGAR (Ahmednagar)

Savitribai Phule Pune University
(Formerly University of Pune)



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Ref. No. : PGS / 2394

Date :

14 DEC 2020

To,
The Principal,
S. N. Arts, D. J. Malpani Commerce &
B. N. Sarada Science College,
Sangamner, Dist - Ahmednagar -422 605.

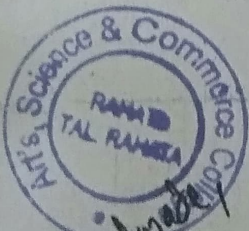
Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before Meeting held on 12/11/2020 in the subject **Business Administration (Commerce & Management)**, The decision/s of the Authority is as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Milind Ramdas Gaikwad	Topic Approved & Admitted w.e.f. 08/02/2020
✓	Guide: Dr. Rajaram N. Wakchaure	"A Comparative Study of Job Satisfaction of Teachers in Aided and Non-Aided Senior Colleges in the Jurisdiction in Mumbai University."

Please comply with the directions of the Research & Recognition Committee and University communicate to this office at the earliest.

Thanking You,



Mr. Malwade
13/12/20

Yours faithfully,

Deputy Registrar
(P. G. Admissions)

IQAC, Co - ordinator
ASC College, Rahata



SHIKSHAN PRASARAK SANSTHA'S

**SANGAMNER NAGARPALIKA ARTS,
D. J. MALPANI COMMERCE &
B.N. SARDA SCIENCE COLLEGE**

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: sangamner_college@rediffmail.com

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Principal

DR. K. K. DESHMUKH

M.Sc., M.Ed., M.Phil., Ph.D.

Date : 28 MAR 2018

जा.क्र./एससी/फा.60/ 1412/2018

प्रति,

डॉ. वाकचौरे राजाराम नाथाजी,
आर्टस्, सायन्स अँड कॉमर्स कॉलेज, राहाता,
जि.अहमदनगर.

विषय : पीएच.डी.मार्गदर्शक म्हणून संलग्नतेबाबत

महोदय,

उपरोक्त विषयान्वये आपण आमच्या महाविद्यालयातील वाणिज्य संशोधन केंद्रात मार्गदर्शक म्हणून संलग्नीत होण्यासाठी अर्ज दिलेला होता. त्यानुसार महाविद्यालयाने आपल्याला आमच्या वाणिज्य संशोधन केंद्रात दि.16 जुलै 2012 पासून संशोधन मार्गदर्शक म्हणून संलग्न करून घेतलेले आहे.

कृपया नोंद घ्यावी.

आपला विश्वासू,

(डॉ. के. के. देशमुख)

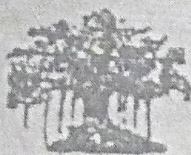
PRINCIPAL

Sangamner Nagarpalika Arts,
D.J.Malpani Commerce & B.N. Sarada
Science College, Sangamner-422605
Dist. Ahmednagar

Received

for

Uthi nagare B.N.



Dr. Bhor L. D.
M.Com, B.Ed., M.Phil, Ph.D.
Principal

"Education through self - help is our motto" KARMAVEER

Rayat Shikshan Sanstha's

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Shrirampur, Pin- 413 709, Dist. A/Nagar (M.S.)

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Padmabhushan

Dr. Karmaveer Chandra Paul

D. Lit.

ESTD - 1982

Outward No. :- CDJR/M.Phil/Ph.D./ 28/2016-17

Date :- 29/08/2016

To,
Mr. Marathe Arun Ramakant
C/o Vinayak Bakre
Flat No. 102, Nishigandha Bldg.,
Siddhivinayak Manas Socity, Lane No. 10,
Dhayri Phata, Pune-411041

Subject: Confirmation of admission to the Ph.D. programme in Commerce

I am happy to inform you that the Research and Recognition Committee in Banking & Finance (Commerce) has approved your research topic (Ref. PGS/2990 dated 10-08-2016) "Evaluative Study of NABARD's Developmental Role In The State of Goa".

Your admission is now conformed as per Ph.D. Rule 11.3 & 6. The details of your admission are:

- | | |
|---------------------------|---|
| 1. Subject | : Banking & Finance |
| 2. Faculty | : Commerce |
| 3. Name of the Guide | : Dr. (Mrs.) Patgaonkar M. S.
Arts, Commerce & Science College, Rahata |
| 4. Co-Guide | : ----- |
| 5. Date of Registration | : 04.06.2016 |
| 6. Period of Registration | : 5 Years |

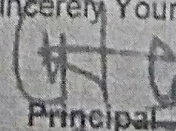
Please note that your admission will be governed by the rules for the degree of Doctor of Philosophy (Ph.D.) with effect from 28th Nov 2014

Please also note that you will have to pay the fees prescribed as per the following schedule:

The first installment will have to be paid within a month from the date of which your admission is confirmed. The successive installments will have to be paid within a month from the date of completion of each year. In case of failure to pay the prescribed fees as per schedule mention, a late fee of `100/- per month from the due date of payment shall be charged.

Thanking you,

Sincerely Yours


Principal

C. D. Jain College of commerce
Shrirampur.

Copy forwarded to:

1. Dy. Registrar, Ph. D. Section, University of Pune, Pune 411007
2. Guide:- Dr. (Mrs.) Patgaonkar M. S.



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Rayat Shikshan Sanstha's

Chandraroop Dakle Jain College of Commerce

Shrirampur, Pin- 413 709, Dist. A'Nagar, (M.S.)

NAAC Re - accredited 'A' Grade (C.G.P.A-3.14)

ISO 9001-2015 Certified

Uni.Id.No.PU /AN / C / 05 (1962)

• Founder- Padmabhushan Dr.Karmaveer Bhaurao Patil D. Lit.

I/C Principal Dr. Nimbalkar S.A.
M.Com., Ph.D.

e-mail:cdjcollege@yahoo.com

www.cdjcollege.com

(ESTD. 1962)

Post Box No. 59

Offi. : 222245

Resi. : 222402

Fax - 02422 - 222245

J 12-14-002

Outward No. :- RC/32/2021-22

Date :- 19/03/2022

To,

The Principal,
Arts, Commerce & Science College,
Rahata, Tal- Rahata,
Dist. Ahmednagar

Subject: Dr. Madhavi S. Patgaonkar working as an Associate Guide .

R/Sir,

With respect to above subject Dr. Madhavi S. Patgaonkar has been working as an Associate Guide to our Research Centre, C.D.Jain College of Commerce, Shrirampur w.e.f. Academic Year 2012-13 in the subject of **Banking and Finance**.

This letter is given as per the request of Dr. M. S. Patagaonkar.

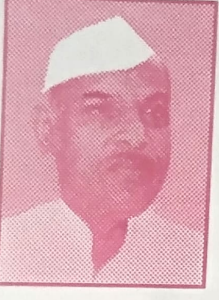
Thanking you,

Yours faithfully,



for Principal
C.D.Jain College of Commerce,
Shrirampur

Copy to- Dr. M. S. Patgaonkar, Associate Professor, Arts, Commerce & Science College, Rahata
Tal- Rahata, Dist. Ahmednagar.

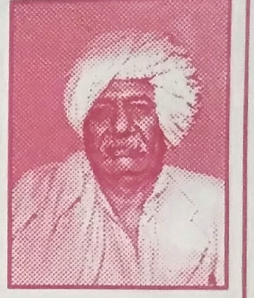


प्रियदर्शनी ग्रामीण महिला मंडळ लोणी, संचलित
कला, वाणिज्य व विज्ञान महाविद्यालय, संवत्सर

मु.पो. संवत्सर, ता. कोपरगांव, जि. अहमदनगर.

फॅक्स व फोन नं.(०२४२३) २७२३६६, २७२२७२

ID No. PU/AN/ACS/165/2013 Affiliated to University of Pune
Email :- nppacscollegesanvatsar@gmail.com



जा. नं. कवाविमसं/2020-21/957

दि. / /२०

Date- 03/10/2020

To,

The Principal

Arts, Science and Commerce College, Rahata

Subject- Faculty exchange program for online teaching during Covid-19 pandemic

Dear Sir,

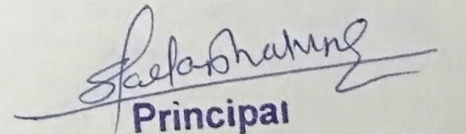
With respect to above mentioned subject, due to covid-19 pandemic, to fulfill the need of our students in teaching learning process, we would like to invite some of your science faculty to conduct online classes for our F.Y., S.Y., T.Y.B.Sc. students, under faculty exchange programme.

This will also help to strengthen the activities included in MoU and our students will get benefited from your expert and experienced faculty.

Kindly do the needful.

Thanking You

Principal


Principal

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

'Shirdi Sai Rural Institute's'

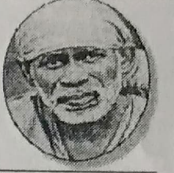
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



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

Email: rahatacollege@rediffmail.com AISH
EID-C-41932

Phone-
(02423)243892, 242391 NAACTRAKID
-MHCOGN80225



Website: www.ascrahata.org

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)
NAACRE-ACCREDITED "B++" GRADE COLLEGE

ASCCR/2020-21/ 336

Date- 04/10/2020

To,

The Principal

Arts, Commerce and Science College, Sanvatsar

Tal-Kopargaon, Dist-Ahmednagar

Subject- Faculty exchange program for online teaching during Covid-19 pandemic

Reference- Your letter No. ACSS/2020-21/957 Dt-03/10/2020

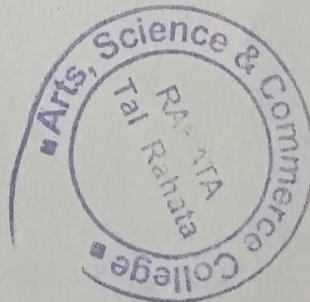
Dear Sir,

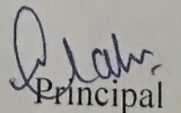
With respect to above mentioned subject and your letter, we would like to thank you for initiating the activity under MoU. To Strengthen teaching learning process of your institute, we will arrange the online lectures of science faculty namely Chemistry, Botany and Zoology as per our time table for your F.Y., S.Y., T.Y.B.Sc. students, under faculty exchange programme.

Kindly adjust your lectures as per our schedule.

Thanking You

Enclosed- List of the Staff




Principal

I/C PRINCIPAL

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

'Shirdi Sai Rural Institute's'

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

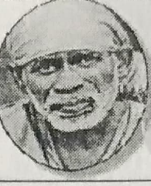


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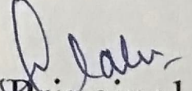
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NAACRE-ACCREDITED "B++" GRADE COLLEGE

List of the Staff For Faculty Exchange Programme

Sr.No.	Name of the Teacher	Subject	Class
1	Dr.B.K.Salalkar	Chemistry	FY & TYBSc
2	Prof.A.S.Tambe	Chemistry	SY & TYBSc
3	Dr.G.D.Shirole	Chemistry	SY & TYBSc
4	Prof.A.R.Pagare	Chemistry	FY & TYBSc
5	Prof.S.V.Lahare	Botany	FY & SYBSc
6	Dr.V.S.Patil	Botany	FY & SYBSc
7	Dr. V.R.Pawade	Zoology	FY & SYBSc
8	Dr.S.R.Potdar	Physics	FYBSc
9	Dr.V.P.Bhalekar	Physics	FYBSc


Principal

I/C PRINCIPAL

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



प्रियदर्शनी ग्रामीण महिला मंडळ लोणी, संचलित
कला, वाणिज्य व विज्ञान महाविद्यालय, संवत्सर

मु.पो. संवत्सर, ता. कोपरगांव, जि. अहमदनगर.

फॅक्स व फोन नं.(०२४२३) २७२३६६, २७२२७२

ID No. PU/AN/ACS/165/2013 Affiliated to University of Pune

Email :- nppacscollegesansvatsar@gmail.com



जा. नं. कवाविमसं/२०२०-२१/९९७

दि. ३०/०४/२०२१

LETTER OF APPRECIATION

To,

The Principal,
SSRI's, Arts, Science and Commerce College,
Rahata.

Dear Sir,

We extend a warm thanks to you for faculty exchange program in the subject of Physics, Chemistry, Botany and Zoology for FY, SY and TYBSc students through online platforms like Zoom, Google meet etc. It was extremely helpful and constructive for strengthening teaching learning process for students of our college.

We appreciate and very much thankful to teachers of Arts, Science and Commerce College for support and providing the excellent knowledge under the teachers exchange program in covid-19 pandemic. This activity was really benefited to our students. Also students are inspired and appreciated to enthusiastic way of the experienced teachers.

Once again we would like to express our sincere gratitude towards entire team of Arts, Science and Commerce College Rahata.

Thanking You

Principal
Principal

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

MEMORANDUM OF UNDERSTANDING

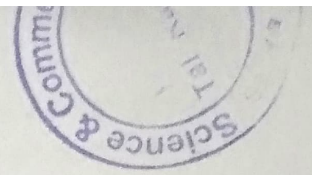
Between

**Shirdi Sai Rural Institutes
Arts , Science and Commerce College Rahata. Tal- Rahata Dist.-
Ahmednagar**

&

**Priyadarshani Gramin mahila mandal Loni Sanchalit,
Arts, Commerce and Science College, Sanvatsar At Post Sanvatsar Tal:
Kopargaon Dist: Ahmednagar**

MEMORANDUM OF UNDERSTANDING



THIS AGREEMENT, entered into this 1st day of October 2020, by and between Arts, Science & Commerce College, Rahata and Arts, Commerce and Science College, Sanvatsar At Post- Sanvatsar Tal: Kopargaon Dist: Ahmednagar desire ,

- To promote the enrichment of their teaching and learning. Research and discovery .
- To strengthen and expand the mutual contacts between the two organizations.
- To provide for a vibrant collaboration between the two organizations on the terms and conditions hereinafter set forth;

NOW THEREFORE, it is mutually agreed as follows:

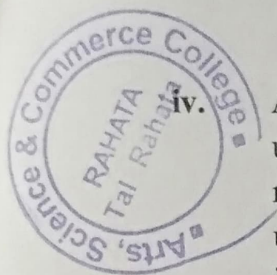
- i. **Scope of Agreement** - The Agreement, shall include, but not be limited to, the following types of collaboration:
 - Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
 - Assist in Student, Teacher Training, Student exchange and faculty exchange programme
 - Placement assistance.
 - Collaborative Research and Discovery, Learning and Teaching, and Engagement.
 - Encourage the faculty members and scholars of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
 - Share the library and literature facilities mutually by giving access to library and other resources of either institute to scholars/students/research personnel of other institute.
 - Other mutually agreed educational programs.

- ii. **Definitions** - As used herein the terms "host organization" and "home organization" shall have the following meanings

- A. Host organization - the organization accepting the faculty member/scientist or student.
- B. Home organization - the organization providing the faculty member/scientist or student.

Period of Agreement - This MOU shall remain in force for three years from the date of the last signature. Prior to the expiration date, this agreement may be reviewed for possible renewal for a further three-year period. Either party may terminate this MOU by providing 60 days advance written notice to the other party.

- iii. In this case. Personnel already participating in the exchange shall serve out their terms under the conditions specified at the time of their appointment.



iv. **Activities Under This Agreement** – It is expected that activities taking place under this agreement will be initiated primarily in coordination with their respective administrative units concerned with such activities. All activities undertaken must conform to the policies and procedures in place at each institution.

v. **Planning and Management of Activities**- Each distinct collaboration program or activity will be described in separate Activity Agreement drawn up jointly by the collaborating units, and signed by the heads of these units. Such agreements will specify the names of those individuals on each institution responsible for the implementation of the program.

vi. **Funding of Activities**- Activity Agreements should make financial costs and obligations explicit. Collaborating units are encouraged to work together to identify and secure any outside funding which may be needed. Projects requiring funding must be approved by both institutions.

vii. **Limitation and Warranties:**

- Each party shall ensure that the other is not put to any liability for any act of the respective party under this MoU.
- Each party represents that they have full power and authority to enter into this MOU in general.

viii. **Commercials:** The training, field visit shall be conducted at the host facility in a time bound manner as per availability and schedule at host facility.

ix. **General:**

- Both the parties may receive information proprietary to other party (the "Confidential Information") in the course of performance of their obligations under this MOU. Confidential Information not meant to include any information which (a) is publicly available (b) is rightfully received by the parties from third parties without accompanying secrecy obligations; (c) is already in either party's possession and was lawfully received from sources other than the parties or (d) is independently developed by the parties. The two bodies understand and acknowledge that the Confidential Information is valuable and confidential in degrees that it will at all times be kept in trust, to be disclosed only to such persons as have a "need to know" the same for the effective implementation of this MOU and that it will only be used by the parties for the benefit of others.
- Both the parties understand and agree that all written or other tangible data and documentation developed or procured by the other party in performing its obligations

under this MOU, whether in printed or electronic form, belongs to other party and that other party will have all rights, title and interest therein.

- Both parties shall not use the name and brand of the other party in any advertisement or make any public announcement without the prior written approval of the other.
- Any and all disputes or differences arising out of or in connection with this MoU or its performance shall, so far as it is possible, be settled by negotiations between the Parties amicably through consultation & understanding.

IN WITNESS THEREOF, Arts Science and Commerce College Rahata. Tal- Rahata, Dist Ahmednagar and Arts, Commerce and Science College, At post sanvatsar Tal: Kopargaon Dist: Ahmednagar have executed this Agreement as of the date first above written.

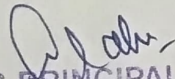
FOR

Arts, Science & Commerce College Rahata

FOR

**Arts, Commerce and Science College,
Sanvatsar Tal: Kopargaon
Dist: Ahmednagar**

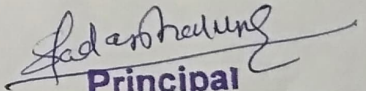
AUTHORIZED SIGNATORY NAME:


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

Date: 01/10/2020



AUTHORIZED SIGNATORY NAME:


Principal
Art's, Commerce & Science College
Sanvatsar Tal. Kopargaon. Dist. A. Nagar
DESIGNATION: Principal

Date 01/10/2020