



Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Tal. Rahuri, Dist. Ahmednagar- 413711
Affiliated to Savitribai Phule Pune University, Pune.

Self-Study Report: 2024 (3rd Cycle)



Criterion-3

**Research, Innovations and
Extension**

**Key Indicator: 3.5
Collaboration**

Metric: 3.5.1 (QnM)

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years



Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BENGALURU

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

List and Copies of Documents Indicating the Functional MoUs/linkage/Collaborations activity-wise and Year-wise Academic Year: 2020-21

INDEX

Sr. No.	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	List of the Actual Activities Under Signed MoU	Page Number
1.	Pravara Sahakari Bank Loni, Tal-Rahata, Dist.- Ahmednagar, Maharashtra, 413736 psb_ho@rediffmail.com	2020	T. Y. B. Com. 47 students and 04 teachers visited to Pravara Sahakari Bank Branch Satral	05
2.	Padmashri Dr. Vitthalrao Vikhe Patil Sahakari Sakhar Karkhana Limited, Pravaranagar, Tal-Rahata, Dist.- Ahmednagar, Maharashtra, 413736 pravarasugar@yahoo.com	2020	T. Y. B. Com. 47 students & 04 Teachers visited to Sugar Factory for educational purpose	21
3.	Pravara Institute of Research and Education in Natural and Social Sciences (PIRENS), Krishi Vigyan Kendra, Babhaleshwar, Tal.-Rahata, Dist.- Ahmednagar, Maharashtra 413736 kvkpravara@sancharnet.in	2020	Mr. D. N. Gholap (Assistant Professor Department of Botany) carried research work related to the sophisticated instruments like Atomic Absorption Spectrophotometer (AAS), UV Visible spectrophotometer and metrological data with Pravara Institute of Research and Education in Natural and Social Sciences (PIRENS), Krishi Vigyan Kendra Babhaleshwar	38
4.	Shirdi Sai Rural Institutes Arts, Science and Commerce College Rahata, Tal- Rahata, Dist.- Ahmednagar, Maharashtra rahatacollege@rediffmail.com	2019	Dr. V. A. Kadnor Published research paper entitled "Synthesis and Biological Assessment of Carbazole Linked Pyrazole Schiff bases and	45

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BENGALURU**

			Diarylthiourea Derivatives” Journal – Croatica Chemica Acta.	
5.	Shabdalya Prakashan, Shrirampur Post Box No. 90, Ward No. 7, Shrirampur Dist.-Ahmednagar, PIN: 413709 , Maharashtra contact@shabdalya.com	2018	Marathi Bhasha Gaurav Divas celebration	57
6.	Satral Dairy Pvt. Ltd. Satral, Rahuri, Ahmednagar, Maharashtra. 413711 satraldairy@gmail.com	2018	T. Y. B. Com. 30 students and 06 Teachers visited to the Satral Dairy	80
7.	Sardar Patel University Balaghat, Madhya Pradesh info@spubgt.ac.in	2021	Mrs. C. S. Karle Sharing research facility, pursuing Ph. D. degree in Chemical Science	88
8.	Padmashri Vikhe Patil College of Arts, Science and Commerce Pravaranagar, Rahata, Dist.-Ahmednagar Maharashtra, 413736 pvpcollege@gmail.com	2021	Mr. D. S. Aute Sharing research facility, pursuing Ph. D. degree in Chemical Science	89
9.	Ahmednagar College, Ahmednagar Maharashtra ahmednagarcollege1947@gmail.com	2021	Mr. R. S. Bhadakwad Sharing research facility, pursuing Ph. D. degree in Geography	90
10.	Government Vidarbha Institute of Science and Humanities, Amravati, Maharashtra. directorgvishamravati@gmail.com	2021	Mr. P. L. Harale Sharing research facility, pursuing Ph. D. degree in Chemical Science	91



Danraj
Principal
PRINCIPAL
Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Submitted to
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BENGALURU

Functional MoU Copies

**Pravara Sahakari Bank Loni, Tal-
Rahata, Dist.- Ahmednagar,
Maharashtra, 413736**



EST. 1974
REG. NO. 132

PRAVARA SAHAKARI BANK LTD. (SCHEDULED BANK)

H. O. LONI : 413736, TAL : RAHATA, DIST. : AHMEDNAGAR. (MAH.)
TEL : (02422) 273450, 273471, 273516-17-18, 273715-16 FAX : (02422) 273715
E-Mail:psb_ho@rediffmail.com

Ref.No. 43 HRD/020-18
6

Date : 22/06/2018

MEMORANDUM OF UNDERSTANDING

BETWEEN THE TWO INSTITUTIONS:-

1. *THE PRINCIPAL,
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL,
TAL- RAHURI, DIST- AHMEDNAGAR-413711.*

AND

2. *PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL. RAHATA,
DIST. AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736
TAL: RAHATA DIST : AHMEDNAGAR MAHARASHTRA STATE (INDIA)
PIN CODE : 413712*

WITNESSETH THAT:

WHEREAS, DEPARTMENT OF COMMERCE of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL. RAHATA, DIST. AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 desire to promote the enrichment of their teaching and learning, research and discovery and engagement missions; and

WHEREAS, DEPARTMENT OF COMMERCE, of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL. RAHATA, DIST. AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS, DEPARTMENT OF COMMERCE of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL. RAHATA, DIST. AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 desire 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:
 - A. Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
 - B. Assist in Student, Teacher training regarding Sericulture, Horticulture, Soil and water analysis.
 - C. Placement assistance.



Page 1 of 4



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~~D. Collaborative Research and Discovery, Learning and Teaching, and Engagement.~~

- E. Encourage the faculty members and scientist of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
- F. Share the library and scientific literature facilities mutually by giving access to library and other resources of either institute to the scientist/students/research personnel of other institute.
- G. 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 Five years from the date of the last signature. Prior to the expiration date, this agreement may be reviewed for possible renewal for a further Five-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 Agreement's 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 is 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 and agrees that it will



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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 agrees 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.

X. Indemnification:

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

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- XI. NON-DISCRIMINATION – WHEREAS, DEPARTMENT OF COMMERCE OF ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 AND PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL.RAHATA, DIST.AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 agree that no person shall on the grounds of race, color, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.**

- XII Modification – The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.**

IN WITNESS THEREOF, WHEREAS, DEPARTMENT OF COMMERCE of PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL.RAHATA, DIST.AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 have executed this Agreement as of the date first above written.

FOR, PRAVARA RURAL EDUCATION SOCIETY'S ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711

FOR, PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL.RAHATA, DIST.AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736



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E-Mail:psb_ho@rediffmail.com

AUTHORIZED SIGNATORY NAME:

PRIN. SINGAR JAYSHREE R.

DESIGNATION: PRINCIPAL

I/C PRINCIPAL

Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar

AUTHORIZED SIGNATORY NAME:

DESIGNATION: Deputy General Manager



Date: 22/06/2018



EST. 1974
REG. NO. 132

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Ref.No. 43 HRD/2020-21/
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~~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.~~

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- 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.

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IN WITNESS THEREOF, WHEREAS, DEPARTMENT OF COMMERCE of PRAVARA SAHAKARI BANK LTD. (SCHEDULED), LONI, TAL.RAHATA, DIST.AHMEDNAGAR, MAHARASHTRA (INDIA), PIN CODE : 413736 have executed this Agreement as of the date first above written.

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SOCIETY'S ARTS, COMMERCE AND SCIENCE
COLLEGE, SATRAL, TAL- RAHURI, DIST-
AHMEDNAGAR-413711

FOR, PRAVARA SAHAKARI BANK LTD.
(SCHEDULED), LONI, TAL.RAHATA,
DIST.AHMEDNAGAR, MAHARASHTRA (INDIA),
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PRIN. SINGAR JAYSHREE R.

DESIGNATION: PRINCIPAL

I/C PRINCIPAL

Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar



AUTHORIZED SIGNATORY NAME:

DESIGNATION: Deputy General Manager



Date: 22/06/2020

Date: - 22/02/2021

To,
The Principal,
Arts, Commerce and Science College, Satral.


Subject: - Permission to organize Bank Visit for T. Y. B. Com students.

Respected Sir,

With reference to the above-mentioned subject, the final year's students of B. Com need to visit Pravara Sahakari Bank Ltd., Songaon. The Bank Visit will provide hands-on experience. It will be the opportunity for our students for gaining practical experience with Pravara Sahakari Bank Ltd. (Scheduled Bank) Songaon. The Bank Visit program will organize on 1st March, 2021.

Thanking you,

celiaaveel
RS
22/02/2021


Yours faithfully,
(Mr. V. G. Shinde)



Loknete Dr. Balasaheb Vikhe Patil
(Padma Bhushan Awardee)
Pravara Rural Education Society's,
**ARTS, COMMERCE AND SCIENCE COLLEGE,
SATRAL**
Tal.Rahuri, Dist.Ahmednagar (Pin - 413 711)

Date: 24/02/2021

To,
The Manager,
Pravara Sahakari Bank Ltd.,
(Scheduled Bank)
Songaon Branch.

Subject: - To get permission for the bank visit to the students.

Respected Sir,

With the reference to the above-mentioned subject, Savitribai Phule Pune University has introduced 'Bank Visit' for Third Year B. Com. Students. The purpose of the Bank Visit will to be provide hands-on training and experience to the students about various aspects of business and commercial activities. A Bank Visit will give students an idea of how the staff will work. In view of this, I request you to provide following students of our college (List enclosed) with an opportunity for Bank Visit in your organization.

Thanking you,

Principal

Principal

Arts, Commerce and Science College
At/Po.Satral, Tal.Rahuri,
Dist.Ahmednagar.413711



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Date-26/02/2021

Student Notice

All the T. Y. B. Com students are hereby informed that the department is going to organize a **Bank Visit** on 01st March 2021 on 10.30 am at Pravara Sahakari Bank Ltd., (Scheduled Bank) Songaon. Attendance for this visit is mandatory.

Note:-

- Students are required to have dress code and college ID cards.
- Students are also encouraged to bring notebooks and pens to take notes during the visit



Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

**Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Department of Commerce**

BANK VISIT REPORT – 2020-21

Name of the Visit	Bank Visit
Place to Visit	Pravara Bank A/P- Songaon, Tal-Rahuri, Dist-Ahmednagar.
Date	01/03/2021
Name of Guide	Mr. S. A. Chinde (Branch Manager, PSB Bank)
Objectives of Visit	<ul style="list-style-type: none">• To study banking method.• To study of loan disbursement method.• To study the account opening process.• To study the online banking system.
Name of Coordinator	Mr. V. G. Shinde
No. of Participants	47

On 1st March 2021, the Department of Commerce visited Pravara Sahakari Bank Ltd., Songaon. About 47 students from Commerce Department visited Pravara Sahakari Bank, Branch Songaon. A total of 47 students, including 29 boys and 18 girls, visited the bank and studied the day-to-day operations of the bank. For example, account opening process, cheque clearing method and safe deposit vault information under the guidance of Mr. S. A. Chinde (Branch Manager, PSB) Mrs. Jayshree Singer, Principal of the College and Mr. D. N. Ghane (HoD), Dr. V. G. Shinde and Mr. H. L. Divekar were contributory in the successful completion of this bank visit which will definitely benefit to the students in the future.



The manager of bank guiding to the students



Visit to Pravara Bank all T. Y. B.com Students

Mr. V. G. Shinde
(Coordinator)

H.O.D.
H.O.D.
Department of Commerce
Arts, Commerce & Science College, Satral.

Principal
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

Arts, Commerce and Science College, Satral

Department of Commerce

**Bank Visit Program – Pravara Sahakari Bank Ltd. (Scheduled Bank)
Songaon Branch**

T.Y. B. Com Student List-2020-21

Sr. No.	Name of Student	Sign
1.	Anap Kiran Madhukar	Anap
2.	Anap Rupesh Bhausahab	Rupesh
3.	Aniket Sanjay Belkar	Aniket.S.B
4.	Bhagwat Ganesh Dattatray	Ganesh
5.	Bhagwat Nilesh Suresh	Nilesh.S.B
6.	Bhor Abhishek Ratnakar	Bhor
7.	Dighe Nikita Rajendra	Nikita.D
8.	Dighe Pankaj Machhindra	Pankaj.M.D
9.	Dighe Rushikesh Dadasahab	Dighe
10.	Dighe Sagar Raosaheb	Sagar
11.	Dighe Sanket Ashok	Sanket.A.D
12.	Dive Shubhangi Arun	Dive
13.	Gagare Gayatri Sambhaji	Gagare
14.	Gagare Prasad Ramkisan	G.P.R
15.	Gagare Satyam Machhindra	Gagare.S
16.	Gholap Rushikesh Sharad	Gholap
17.	Godhade Dipali Abhiman	G.D.A
18.	Gulave Kajal Baban	Kajal.B.G
19.	Harde Mahesh Tabaji	Harde
20.	Harde Prashant Bhausahab	Prashant.B.H



21.	Ilhe Pooja Gorkshnath	Pooja
22.	Jejurkar Saurabh Popat	Jejurkar
23.	Kadam Pratiksha Babasaheb	Pratiksha
24.	Kadu Aarti Sunil	Aarti
25.	Kadu Viresh Ramdas	Viresh
26.	Khatekar Mahesh Durgaji	Mahesh
27.	Khatekar Prashant Subhash	Prashant
28.	Kothule Rahul Babasaheb	Kothule
29.	Kshirsagar Gaurav Ajay	Gaurav
30.	Lambe Deepak Machhindra	Deepak
31.	Lambe Nikhil Adinath	Lambe
32.	Malwade Nayana Bhausahab	Malwade
33.	Mandare Arti Kisan	Arti M.
34.	Mansuri Mudassar Mohammad	Mansuri
35.	Nagare Bhagyashri Bhausahab	Nagare
36.	Pandharkar Akshay N	Akshay
37.	Pathan Najmin Munirkhan	Pathan
38.	Patole Prerana Pravin	Patole
39.	Patole Priyanka Vitthal	Patole
40.	Pimple Rahul Suresh	Pimple
41.	Ponde Pradip Vilas	Ponde
42.	Pradhan Pooja Dnyaneshwar	Pradhan
43.	Rahinj Suyog Dilip	Suyog
44.	Sabale Aishwarya Machhindra	Aishwarya
45.	Sabale Kalyani Sharad	Sabale
46.	Sabale Shubham Nanasaheb	Shubham
47.	Salunke Shital Ramnath	Salunke




H.O.D.
 Department of Commerce
 Arts, Commerce & Science College, Satral.

Functional MoU Copies

**Padmashri Dr. Vitthalrao Vikhe
Patil Sahakari Sakhar Karkhana
Limited, Pravaranagar, Tal-Rahata,
Dist.- Ahmednagar, Maharashtra,
413736**

पद्मश्री डॉ. विठ्ठलराव विखे पाटील सहकारी साखर कारखाना लिमिटेड



मु.पो.प्रवरानगर - ४१३ ७१२
ता.राहाता, जि. अहमदनगर
महाराष्ट्र राज्य (भारत)
रेल्वे स्टेशन - वेलापर (OR)

दुरध्वनी : २५२३०९ ते २५२३०४ प्रवरानगर
फॅक्स : (०२४२२) २५३३९७ - प्रवरानगर
E-mail : pracarasugar@rediffmail.com
pravarasugar@yahoo.com



०१०/१०/५९३

GST No.: 27AAAAP0848A1ZZ
PAN No.: AAAAP0848A

22/06/2018

MEMORANDUM OF UNDERSTANDING

BETWEEN THE TWO INSTITUTIONS:-

1. THE PRINCIPAL, ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL,
TAL- RAHURI, DIST- AHMEDNAGAR-413711.

AND

2. PADMASHRI DR.VITTALRAO VIKHE PATIL SAHAKARI SAKHARI
KARKHANA LIMITED.
TAL: RAHATA DIST: AHMEDNAGAR MAHARASHTRA STATE (INDIA)
PIN CODE : 413712

WITNESSETH THAT:

WHEREAS, DEPARTMENT OF COMMERCE OF ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PADMASHRI DR.VITTALRAO VIKHE PATIL SAHAKARI SAKHARI KARKHANA LIMITED. TAL: RAHATA DIST: AHMEDNAGAR MAHARASHTRA STATE (INDIA)

PIN CODE : 413712 desire to promote the enrichment of their teaching and learning, research and discovery and engagement missions; and

WHEREAS, DEPARTMENT OF COMMERCE OF ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PADMASHRI DR.VITTALRAO VIKHE PATIL SAHAKARI SAKHARI KARKHANA LIMITED. TAL: RAHATA DIST: AHMEDNAGAR MAHARASHTRA STATE (INDIA)

PIN CODE : 413712 desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS, DEPARTMENT OF COMMERCE OF ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and PADMASHRI DR.VITTALRAO VIKHE PATIL SAHAKARI SAKHARI KARKHANA LIMITED. TAL: RAHATA DIST: AHMEDNAGAR MAHARASHTRA STATE (INDIA)



(1)

PIN CODE : 413712 desire 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:
 - A. Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
 - B. Assist in Student, Teacher training regarding Sericulture, Horticulture, Soil and water analysis.
 - C. Placement assistance.
 - D. Collaborative Research and Discovery. Learning and Teaching, and Engagement.
 - E. Encourage the faculty members and scientist of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
 - F. Share the library and scientific literature facilities mutually by giving access to library and other resources of either institute to the scientist/students/research personnel of other institute.
 - G. 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 Five years from the date of the last signature. Prior to the expiration date, this agreement may be reviewed for possible renewal for a further Five-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 Agreement's 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 is 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 and agrees 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 agrees 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.

X. Indemnification:

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.


NON-DISCRIMINATION – WHEREAS, DEPARTMENT OF COMMERCE of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and, agree that no person shall on the grounds of race, color, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.

XII Modification – The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

IN WITNESS THEREOF, WHEREAS, DEPARTMENT OF COMMERCE of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and *PADMASHRI DR.VITTALRAO VIKHE PATIL SAHAKARI SAKHARI KARKHANA LIMITED. TAL: RAHATA DIST : AHMEDNAGAR MAHARASHTRA STATE (INDIA) PIN CODE : 413712* have executed this Agreement as of the date first above written.

FOR, PRAVARA RURAL EDUCATION SOCIETY'S ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711

AUTHORIZED SIGNATORY NAME:



PRIN. SINGAR JAYSHREE R.

DESIGNATION: PRINCIPAL
I/C PRINCIPAL

Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar



FOR, KRISHI VIGYAN KENDRA;
BABHALESHWAR, TAL:
RAHATA, DIST: AHMEDNAGAR, PIN-413737

AUTHORIZED SIGNATORY NAME:

Mr. Dhone. P. R.

DESIGNATION: MANAGING DIRECTOR

Padmashri Dr. Vitthalrao Vikhe Patil
Sah. Sakhar Karkhana Ltd; Pravaranagar

Date: 22/06/2018

रजि.नं. : जी.२५४, ता.३१/१२/४८
ईसीसी नं. : एएएपी ०८४८ एक्सएम ००१

पैन नं. : एएएपी ०८४८ ए
टैन नं. : पीएनईपी ०९१६९ जी

व्हॉट टिन नंबर : २७१४०४१०६६६ व्ही
सीएसटी टिन नंबर : २७१४०४१०६६६ सी

पद्मश्री डॉ. विठ्ठलराव विखे पाटील सहकारी साखर कारखाना लिमिटेड



मु.पो.प्रवरानगर - ४१३ ७१२
ता.राहाता, जि. अहमदनगर
महाराष्ट्र राज्य (भारत)
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दुरध्वनी : २५२३०१ ते २५२३०४ प्रवरानगर
फॅक्स : (०२४२२) २५३३९७ - प्रवरानगर
E-mail : pracarasugar@rediffmail.com
pravarasugar@yahoo.com



०.१०.११०/५९३

GST No: 27AAAAP0848A1ZZ
PAN No: AAAAP0848A

22/06/2020

MEMORANDUM OF UNDERSTANDING

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 - C. Placement assistance.
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FOR, PRAVARA RURAL EDUCATION SOCIETY'S ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711

AUTHORIZED SIGNATORY NAME:



PRIN. SINGAR JAYSHREE R.

DESIGNATION: PRINCIPAL

I/C PRINCIPAL

Art, Commerce & Science Collage

Satral, Tal. Rahuri, Dist. A'Nagar

Date: 15/06/2020



FOR, KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737

AUTHORIZED SIGNATORY NAME:

Mr. Dhone. P. R.

DESIGNATION: **MANAGING DIRECTOR**

Padmashri Dr. Vitthalrao Vikhe Patil
Sah. Sakhar Karkhana Ltd; Pravaranagar

Date: 22/06/2020

Pravara Rural Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL
DEPARTMENT OF COMMERCE

Industrial Visit



Academic Year - 2020-21

Date: 03/03/2021

To,
The Principal,
Arts, Commerce and Science College, Satral.

Subject: Seeking permission to the Industrial Visit.


Respected Sir,

The Department of Commerce is organizing an Industrial Visit for the Commerce students. This visit will schedule on Tuesday, 09th March, 2021. The purpose of this Industrial Visit is to provide students with an opportunity to gain first- hand experience of the industry and to apply the theoretical knowledge they have acquired in the classroom. You are kindly requested to permit us for the said visit.

We look forward to your approval.

Thanking you,

allowed
RS
31/3/2021


Yours faithfully,
(Mr. V. G. Shinde)



Loknete Dr. BalasahebVikhe Patil
(Padma Bhushan Awardee)
Pravara Rural Education Society's,
**ARTS, COMMERCE AND SCIENCE COLLEGE,
SATRAL**
Tal.Rahuri, Dist.Ahmednagar (Pin - 413 711)

Date: 05/03/2021

To,
The Manager,
Padmashri Dr. Vitthalrao Vikhe Patil Sahakari Sakhar Karkhana
Limited, Pravaranagar.

Subject: Seeking permission to the Industrial Visit.

Respected Sir,

The Department of Commerce is organizing an Industrial Visit for the Commerce students. This visit will schedule on Tuesday, 09th March, 2021. The purpose of this Industrial Visit is to provide students with an opportunity to gain first-hand experience of the industry and to apply the theoretical knowledge they have acquired in the classroom. You are kindly requested to permit us for the said visit. We look forward to your approval.

Thanking you,

Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Date-08/03/2021

Student Notice

All the T. Y. B. Com students are hereby informed that the department is going to organize an **Industry Visit** on 09th March, 2021 at 10.30 am at Padmashri Dr. Vitthalrao Vikhe Patil Sahakari Sakhar Karkhana Limited, Pravanagar. Attendance for this visit is mandatory.

Note: -

- Students are required to have dress code and college ID cards.
- Students are also encouraged to bring notebooks and pens to take notes during the visit



Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)

Pravara Rural Education Society's

ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL

DEPARTMENT OF COMMERCE

Report on Industrial Visit

Name of the Visit	Industrial Visit
Place to Visit	Pravara Sahakari Sakhar Karkhana, Pravaranagar
Date	09/03/2021
Objectives of Visit	<ul style="list-style-type: none">• To get experiential learning.• To provide students with a first-hand exposure to the intricacies of sugar production.
Name of Coordinator	Mr. V. G. Shinde
No. of Participants	47

On 09th March 2021, the last year's students of B. Com visited Pravara Sahakari Sakhar Karkhana, a leading sugar factory located in Pravaranagar. The primary objective of this visit was to provide students with a first-hand exposure to the intricacies of sugar production and to bridge the gap between theoretical knowledge and practical applications. Our Industrial Visit to Pravara Sahakari Sakhar Karkhana culminated with a sense of profound satisfaction and newfound knowledge in various departments of the factory. It was an informative and enriching experience.

We also learned about the environmental considerations that are taken into account by the sugar factory. We extend our heartfelt gratitude to the management and staff of the Sugar Factory for their warm hospitality and for providing us with this invaluable learning experience. The insights gained from this visit will undoubtedly enrich our understanding of the Sugar Industry and contribute to our academic endeavors. Mrs. Jayshree Singar, Principal of the College and Mr. D. N. Ghane (HoD), Mr. V. G. Shinde, Dr. U. A. Tajane and Mr. H. L. Divekar were contributory in the successful completion of this Industry Visit which will definitely benefit to the students in the future.



Students visited to the Store and Record Keeping Department



T. Y. B.com Students visiting to the Sugar Factory

Mr. V. G. Shinde
 (Coordinator)

H.O.D.
 Department of Commerce
 Arts, Commerce & Science College, Satral.

Principal
Principal
 Arts, Commerce and Science College
 At/Po. Satral, Tal. Rahuri,
 Dist. Ahmednagar. 413711

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

Arts, Commerce and Science College, Satral

Department Of Commerce

Industry Visit Program – Padamshri Dr. Vitthalrao Vikhe Patil Sahakari Sakhar Karkhana Ltd., Pravaranagar.

T.Y. B.Com Student List-2020-21

Sr. No.	Name of Student	Sign
1.	Anap Kiran Madhukar	<u>Anap</u>
2.	Anap Rupesh Bhausahab	<u>Anap</u>
3.	Aniket Sanjay Belkar	<u>ABellaor</u>
4.	Bhagwat Ganesh Dattatray	<u>Bhagwat</u>
5.	Bhagwat Nilesh Suresh	<u>Nilesh</u>
6.	Bhor Abhishek Ratnakar	<u>Abhishek</u>
7.	Dighe Nikita Rajendra	<u>Nikita</u>
8.	Dighe Pankaj Machhindra	<u>Pankaj</u>
9.	Dighe Rushikesh Dadasahab	<u>Dighe</u>
10.	Dighe Sagar Raosaheb	<u>Dighe S.R.</u>
11.	Dighe Sanket Ashok	<u>Sanket-A.D.</u>
12.	Dive Shubhangi Arun	<u>Dive</u>
13.	Gagare Gayatri Sambhaji	<u>Gayatri G.S.</u>
14.	Gagare Prasad Ramkisan	<u>Gagare P.R.</u>
15.	Gagare Satyam Machhindra	<u>Satyam.m.G.</u>
16.	Gholap Rushikesh Sharad	<u>R.Gholap</u>



17.	Godhade Dipali Abhiman	<u>Dipali</u>
18.	Gulave Kajal Baban	<u>Kajal.B.G</u>
19.	Harde Mahesh Tabaji	<u>Mahesh</u>
20.	Harde Prashant Bhausahab	<u>Harde.P.B</u>
21.	Ilhe Pooja Gorkshnath	<u>Pooja.G.I</u>
22.	Jejurkar Saurabh Popat	<u>Jejurkar.S</u>
23.	Kadam Pratiksha Babasaheb	<u>Kadam</u>
24.	Kadu Aarti Sunil	<u>Kadu</u>
25.	Kadu Viresh Ramdas	<u>Viresh.K</u>
26.	Khatekar Mahesh Durgaji	<u>Mahesh.D.K.</u>
27.	Khatekar Prashant Subhash	<u>Prashant</u>
28.	Kothule Rahul Babasaheb	<u>Rahul</u>
29.	Kshirsagar Gaurav Ajay	<u>K.G.A</u>
30.	Lambe Deepak Machhindra	<u>Lambe</u>
31.	Lambe Nikhil Adinath	<u>Lambe</u>
32.	Malwade Nayana Bhausahab	<u>N.B.M</u>
33.	Mandare Arti Kisan	<u>Mandare</u>
34.	Mansuri Mudassar Mohammad	<u>Mu</u>
35.	Nagare Bhagyashri Bhausahab	<u>Nagare.B.B</u>
36.	Pandharkar Akshay N	<u>Akshay.</u>
37.	Pathan Najmin Munirkhan	<u>Pathan.N.M</u>
38.	Patole Prerana Pravin	<u>Patole.P.</u>
39.	Patole Priyanka Vitthal	<u>Priyanka.V.P</u>
40.	Pimple Rahul Suresh	<u>Pimple.R.</u>



Functional MoU Copies

**Pravara Institute of Research and
Education in Natural and Social
Sciences(PIRENS), Krishi Vigyan
Kendra, Babhaleshwar, Tal.-Rahata,
Dist.- Ahmednagar, Maharashtra
413736**



MEMORANDUM OF UNDERSTANDING

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1. KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737.

AND

2. THE PRINCIPAL, ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711.



WITNESSETH THAT:

WHEREAS, DEPARTMENT OF CHEMISTRY, BOTANY AND ZOOLOGY of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737 desire to promote the enrichment of their teaching and learning, research and discovery and engagement missions; and

WHEREAS, DEPARTMENT OF CHEMISTRY, BOTANY AND ZOOLOGY of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737 desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS, DEPARTMENT OF CHEMISTRY, BOTANY AND ZOOLOGY of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN- 413737 desire 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:
 - A. Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
 - B. Assist in Student, Teacher training regarding skill development in Sericulture, Horticulture, essential oil, odorous natural substances, Soil and water analysis etc.
 - C. Placement assistance.
 - D. Collaborative Research and Discovery, Learning and Teaching, and Engagement.
 - E. Encourage the faculty members and scientist of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.

- F. Share the library and scientific literature facilities mutually by giving access to library and other resources of either institute to the scientist/students/research personnel of other institute.
- G. 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 Five years from the date of the last signature. Prior to the expiration date, this agreement may be reviewed for possible renewal for a further Five-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 Agreement's 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 is 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 and agrees 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 agrees 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.

X. Indemnification:

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

XI. NON-DISCRIMINATION – WHEREAS, DEPARTMENT OF CHEMISTRY, BOTANY AND ZOOLOGY of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737, agree that no person shall on the grounds of race, color, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.

XII Modification – The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

IN WITNESS THEREOF, WHEREAS, DEPARTMENT OF CHEMISTRY, BOTANY AND ZOOLOGY of ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-413711 and KRISHI VIGYAN KENDRA, BABHALESHWAR, TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737 have executed this Agreement as of the date first above written.

**FOR, PRAVARA RURAL EDUCATION SOCIETY'S
ARTS, COMMERCE AND SCIENCE COLLEGE,
SATRAL, TAL- RAHURI, DIST- AHMEDNAGAR-
413711**



I/C PRINCIPAL
Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar

**AUTHORIZED SIGNATORY NAME:
PRIN. SINGAR JAYSHREE R.
DESIGNATION: PRINCIPAL**

Date: 15/06/2020



**FOR, KRISHI VIGYAN KENDRA, BABHALESHWAR,
TAL: RAHATA, DIST: AHMEDNAGAR, PIN-413737**


Krushi Vigyan Kendra (PIRENS)
A/p. Babhaleshwar, Tal. Rahata
Dist. Ahmednagar-413737

**AUTHORIZED SIGNATORY NAME:
DR. SAMBHAJI NALKAR
DESIGNATION: SENIOR SCIENTIST AND HEAD**

Date: 15/06/2020





LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

REF.NO.ACSCS/BOT/2020-21

Date: 17/04/2021

DEPARTMENT OF BOTANY

- Department of Botany signed MOU with Pravara Institute of Research and Education in Natural and Social Sciences (PIRENS) Babhaleshwar to interact students and staff with institute.
- Mr. D. N. Gholap (Assistant Professor Department of Botany) carried research work related to the sophisticated instruments like Atomic Absorption Spectrophotometer (AAS), UV Visible spectrophotometer and metrological data with Pravara Institute of Research and Education in Natural and Social Sciences (PIRENS) Babhaleshwar.

Communication Reference:

On Saturday, 17 April, 2021, 04:50:59 pm IST, Deepak Gholap

<deepakgholap1972@gmail.com> wrote:

TO,

The Chief Scientist,

PIRENS KVK, Babhaleshwar.

Respected sir,

With respect to the above mentioned subject, i have registered for Ph. D. programme at Department of Botany PVP College Pravaranagar. To carry out my research work i am in need of metrological data for the period of 1.11.2020 to 1.2.2021 for my research work. Also I require biochemical composition analysis of various samples of my research work. I will carry my research work as per rules and regulations of PIRENS. Plz. permit me to carry out the my research work.

-deepakgholap1972@gmail.com.

Thanking you,

Yours faithfully,

Deepak N.Gholap

Assistant professor,

ACS College satral


PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711

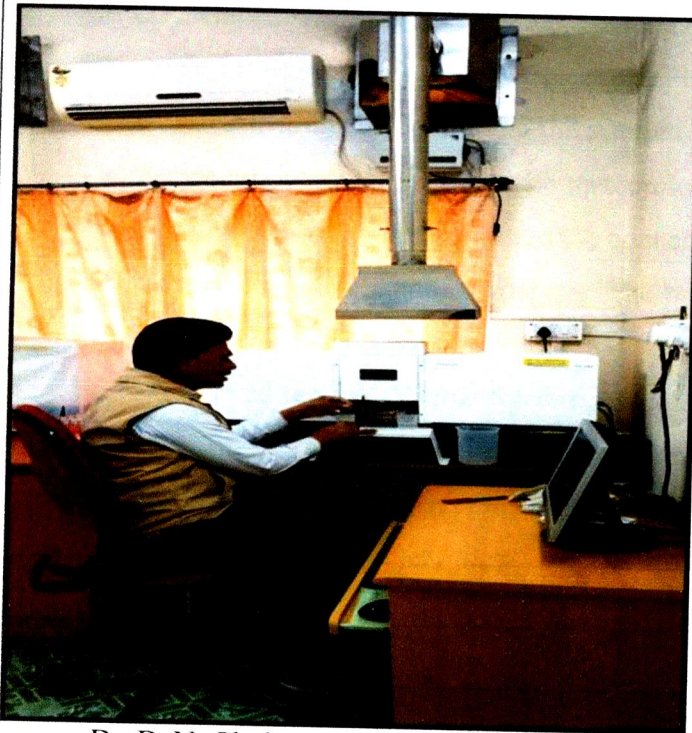
NAAC Accredited
B++ Grade with CGPA 2.87

Savitribai Phule Pune University, Pune | Affiliated ID No. PU / AN / ASC / 1998
Email :- principal.acssatral@pravara.in | Ph. : (02426) 275763/64
A/p. : Satral, Tal. Rahuri, Dist. Ahmednagar, PIN: 413711



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL



Dr. D. N. Gholap carried out biochemical composition of various treatments by using Atomic Absorption Spectroscopy at PIRENS.



Dr. D. N. Gholap carried out biochemical composition of various treatments by using UV Visible Spectrophotometer at PIRENS.


PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711

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A/p. : Satral, Tal. Rahuri, Dist. Ahmednagar, PIN: 413711



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Date: 17/04/2021

Activity Report on PhD Research Work by Mr. D.N. Gholap

Mr. D.N. Gholap successfully conducted his PhD research at the Pravara Institute of Research and Education in Natural and Social Sciences (PIRENS), Babhaleshwar. His study focused on sophisticated instruments, including the Atomic Absorption Spectrophotometer (AAS) and UV-Visible Spectrophotometer, along with meteorological data.

Using the AAS, Mr. Gholap measured the concentration of metal ions in various samples, crucial for environmental and chemical analysis. The precision of AAS provided reliable data, forming the core of his research.

He also utilized the UV-Visible Spectrophotometer to analyze the absorption and transmission properties of substances. This involved meticulous calibration and validation to ensure data integrity, helping to understand the molecular composition and concentration of the samples.

Incorporating meteorological data, Mr. Gholap examined how environmental factors like temperature, humidity, rainfall, and wind speed influenced the chemical properties of the samples. This multidisciplinary approach enhanced the understanding of environmental impacts.

Conducted with strict adherence to scientific protocols, Mr. Gholap's research was reliable and reproducible. Collaboration with PIRENS researchers fostered a supportive environment for high-quality work. His findings contribute significantly to environmental monitoring and management, showcasing the importance of advanced scientific instruments in research.

Overall, Mr. D.N. Gholap's work at PIRENS highlights the integration of advanced instruments and data for comprehensive scientific investigation.


Principal
Arts, Commerce and Science College
A/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar 413711

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A/p. : Satral, Tal. Rahuri, Dist. Ahmednagar, PIN: 413711

Functional MoU Copies

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

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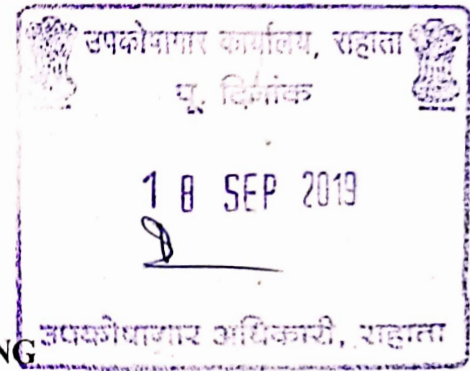
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भारत INDIA
INDIA NON JUDICIAL

राष्ट्र MAHARASHTRA

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VT 119331



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-

खालील शिक्का प्रतिज्ञापत्रा व्यतिरिक्त वापरण्यात येणाऱ्या मुद्रांकावर उमटवावा.

दस्ताचा प्रकार / अनुच्छेद क्रमांक (Nature of document / Article No.)	खरेदीखत / साठेखत / गहाणखत
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परवानाधारक मुद्रांक विक्रेत्याची सही व परवाना क्रमांक तसेच मुद्रांक विक्रीचे ठिकाण / पत्ता	जुगले STP/96/1 राहाता जुने तहसिल कार्यालय

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-Ahmedngarto 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



IC PRINCIPAL

Art, Commerce & Science College

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

22/09/2019

Synthesis and Biological Assessment of Carbazole Linked Pyrazole Schiff bases and Diarylthiourea Derivatives

Gopinath D. Shirole,¹ Gajanan R. Pandhare,²  Anil G. Gadhave,²  Bhagawat K. Uphade,² Dilip S. Aute,³ Vijay A. Kadnor^{3,*}

¹ Department of Chemistry, A. S. C. College Rahata, Ahmednagar, MS 423107, India

² Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar, MS, 413713, India

³ Department of Chemistry, A. C. S. College Satral, Rahuri, Ahmednagar, MS 413711, India

* Corresponding author's e-mail address: vijaykadnor11@gmail.com

RECEIVED: September 30, 2020 * REVISED: January 22, 2021 * ACCEPTED: January 25, 2021

Abstract: In this study, (*E*)-9-ethyl-*N*-((1,3-diphenyl-1*H*-pyrazol-4-ylmethylene)-9*H*-carbazol-3-amine (**3a–f**) and 1-(9-ethyl-9*H*-carbazol-6-yl)-3-phenylthiourea (**5a–f**) derivatives were synthesized and their *in vitro* antimicrobial and antimalarial activities were evaluated. The structures of the synthesized compounds were elucidated and confirmed by using IR, ¹H NMR, ¹³C NMR, and mass spectra.

Keywords: antimicrobial, antimalarial activities, carbazole, diarylthiourea, Schiff base.

INTRODUCTION

THE carbazole skeleton is a key structural motif possesses desirable electronic and charge-transport properties as well as large π conjugated system. Due to this, the various functional groups are easily introduced into the structurally rigid carbazolyl ring. These characteristics result in the extensive potential applications of carbazole-based derivatives in the field of medicinal,^[1–5] organic^[6,7] and material chemistry.^[8,9]

Aminocarbazoles and its derivatives have gained much attraction due to their prominent biological activities.^[10–15] They have been identified as Bcl-2 protein inhibitors^[16] NPY5 antagonists^[17] and anion receptors.^[18] They are also useful intermediates for the synthesis of various amino derivatives, dyes and pigments, stabilizers for polymers, pesticides, photographic materials and diagnostic reagents in cytochemical studies.^[19]

Pyrazole derivatives represent one of the most active class of compounds and possess a wide spectrum of biological activities.^[20–25] Schiff bases have also been shown

a broad range of biological activities, including antifungal, antibacterial, antimalarial, anti-inflammatory, antiviral, and antipyretic properties.^[26,27] The new tacrine carbazole hybrids having imines moiety reported to possess multifunctional agents for the treatment of AD and potent activity against AChE inhibitory and antioxidant action.^[28,29] Although some drugs containing pyrazole and Schiff bases exhibit antiviral activities,^[30,31] carbazole based diarylthiourea, pyridopyrimidine-substituted urea and thiourea derivatives have been reported as potent anticancer agents^[32] and polyphenol oxidase inhibitors.^[33] Inhibitory activities of carbazole-linked urea and thiourea derivatives on lipopolysaccharide-induced NO production have been also reported.^[34] Also *p*-nitrodiarylthiourea derivative contains carbazole core have been evaluated on breast (MCF-7, T-47D, MDA-MB-453) and prostate (DU-145, PC-3, LNCaP) cancer cell lines.^[35]

Based on the above information, we inferred that carbazole frame linked at 4-position in the pyrazole ring and aryl thiourea core could lead to significant increase in the potency and improve physicochemical properties.

RESULTS AND DISCUSSION

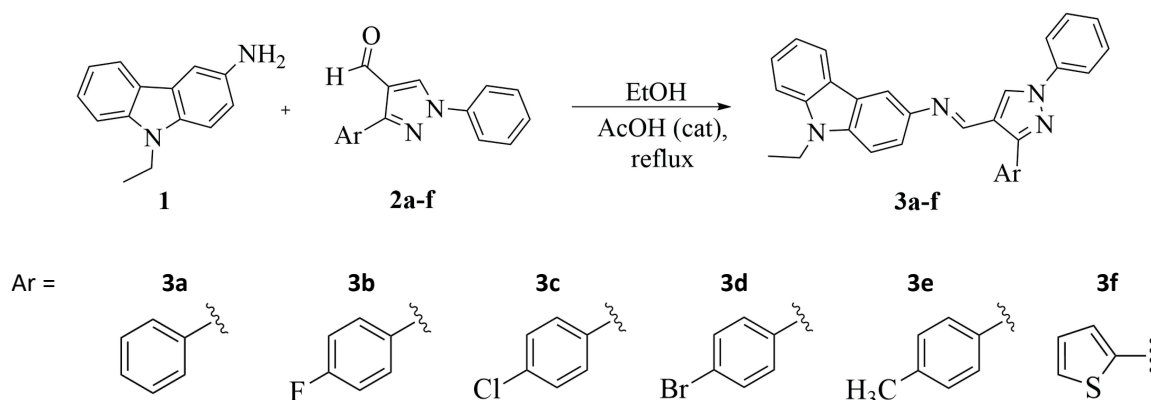
Chemistry

The synthetic route is shown in schemes 1 and 2. Carbazole Schiff bases (**3a–f**) were prepared in accordance with the literature procedure,^[36] starting from the condensation of 9-ethyl-9*H*-carbazol-3-amine **1** with substituted 1,3-diaryl pyrazole aldehyde **2** in ethanol and a catalytic amount of glacial acetic acid. The substituted 1,3-diaryl pyrazole aldehydes were synthesized by the well-known Vilsmeier-Haack formylation reaction.^[37] Carbazole-based thiourea derivatives (**5a–f**) were synthesized by the reaction of 9-ethyl-9*H*-carbazol-3-amine **1** with various substituted phenylisothiocyanate **4** in ethanol. The synthesis of compound **5e** has been previously reported.^[38]

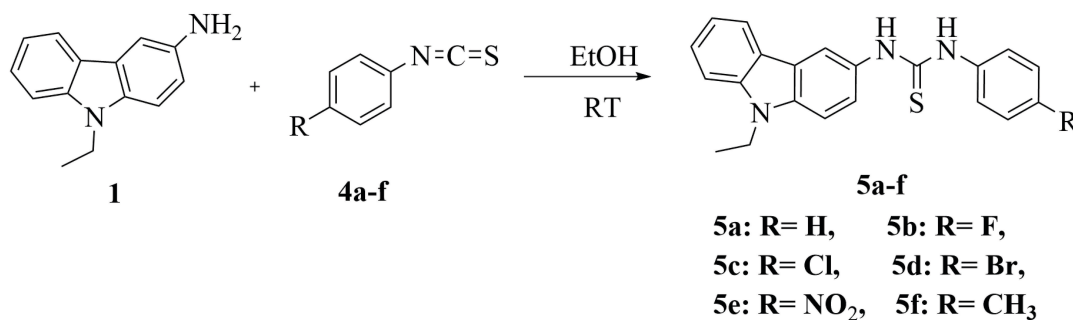
The formation of carbazole linked Schiff bases (**3a–f**) were confirmed by various spectral methods. The FT-IR spectra clearly indicates that the IR band at 1596–1599 cm^{-1} appeared due to the typical azomethine ($-\text{CH}=\text{N}$) group and, thus, confirmed the formation of carbazole Schiff bases. Also the bands due to $-\text{NH}_2$ group of *N*-alkylated carbazolyl amine at 3390 cm^{-1} and the carbonyl ($\text{C}=\text{O}$) group of pyrazole aldehyde at 1890 cm^{-1} completely disappeared.

In ^1H NMR spectra, aldehyde (CHO) and NH_2 proton of amine peaks expected at δ 9.89 and 6.55 disappeared. In the ^1H NMR spectra of representative compound **3f**, one new singlet that appeared at δ 9.18 due to the $\text{CH}=\text{N}$ of azomethine confirmed the formation of Schiff bases. Similarly, in the ^{13}C NMR, carbonyl group (CHO) expected at δ 190 disappeared. The formation of Schiff base was confirmed by observing ($-\text{CH}=\text{N}$) carbon atom in the range of δ 152.10–162.56 for azomethine. The mass spectrum of **3f** displayed a molecular ion peak at m/z 447.16 due to $(\text{M}+1)^+$ mode. Also the high resolution mass spectrum (HRMS) of compound **3f** showed a molecular ion peak at m/z 447.1646, which confirmed the formation of compound **3f**.

The thiourea derivatives (**5a–f**) were confirmed by the absence of characteristic IR absorption band at 2000–2200 cm^{-1} ($\text{N}=\text{C}=\text{S}$ group). The IR band at 3100–3370 cm^{-1} appeared due to NH stretching, while the characteristic region of the high frequency for thiocarbonyl ($\text{C}=\text{S}$) in the aromatics thioureas appeared at 1530–1549 cm^{-1} . For example, the ^1H NMR spectrum of compound **5a** showed two characteristic downfield singlets at δ 9.65 and 9.81 assigned to the protons of two NH groups, while in ^{13}C NMR spectrum, the peak due to thiocarbonyl group in thiourea moiety of **5a** was observed at δ 180.76 because thiocarbonyl



Scheme 1. Synthetic route of carbazole linked pyrazole Schiff base (**3a–f**)



Scheme 2. Synthetic route of carbazole diarylthiourea derivative (**5a–f**).

Table 1. Antimicrobial activities of the synthesized compounds **3a-f** against pathological organisms expressed as minimal inhibition concentration (MIC, $\mu\text{g/mL}$)

Compd. No.	Microorganisms						
	Gram – ve bacteria		Gram + ve bacteria			Fungi	
	<i>Escherichia coli</i>	<i>Proteus mirabilis</i>	<i>Streptococcus faecalis</i>	<i>Bacillus subtilis</i>	<i>Candida albicans</i>	<i>Penicillium chrysogenum</i>	<i>Aspergillus niger</i>
3a	25	25	25	20	20	25	25
3b	10.5	20	11.5	10.5	12.5	20.5	13.5
3c	12.5	25	15.5	13.5	14.5	20	15.5
3d	15	25	20	15.5	20	15.5	15
3e	20.5	25	20	20.5	20	20.5	20
3f	11.5	25	14.5	14.5	10.5	20	15.5
Streptomycin	6.25	6.25	6.25	6.25	—	—	—
Fluconazole	—	—	—	—	6.25	6.25	6.25

group have a greater magnetic anisotropy compared to the carbonyl group. Furthermore, the mass spectrum shows the molecular ion peak at (m/z) 346.13 (M+H)⁺ which confirmed the formation of **5a**.

Antibacterial and Antifungal Evaluations

The antimicrobial activity of the synthesized compounds **3** and **5** was evaluated against two gram-negative (*E. coli*, *P. mirabilis*), two gram-positive (*S. faecalis*, *B. subtilis*) bacterial strains, and three (*C. albicans*, *P. chrysogenum*, *A. niger*) fungal strains using streptomycin and fluconazole as a standard drugs. The minimal inhibitory concentration (MIC) values of carbazole linked pyrazole Schiff base derivatives were presented in Table 1.

It was found that among the **3a-f** derivatives **3b**, **3c**, **3d** and **3f** showed stronger antibacterial efficacies and broader bioactive spectrum against *E. coli*, *S. faecalis*, and *B. subtilis* with the MIC values in the range of 10.5–15.5 $\mu\text{g/mL}$ comparable to that of the positive control.

Compounds **3a** and **3e** exhibited moderate to good inhibitory activities (20 and 25 $\mu\text{g/mL}$) against all tested bacterial strains. Furthermore, compounds **3b**, **3c** and **3f** showed a broad spectrum of antifungal activities (10.5–15.5 $\mu\text{g/mL}$) against *C. albicans* and *A. niger* as compared with standard drug fluconazole, while compounds **3a**, **3d**, **3e** and **3f** showed satisfactory activities (20–25 $\mu\text{g/mL}$).

MIC values of carbazole based thiourea derivatives (**5a-f**) as shown in Table 2 revealed that compounds **5b** and **5e** exhibited highest inhibition activities (8.5–12.5 $\mu\text{g/mL}$) against *E. coli*, *S. faecalis* and *B. subtilis* bacterial strains. Compounds **5b**, **5c**, **5d** and **5e** displayed remarkable inhibition activities with a MIC value ranging from 10.5 to 12.5 $\mu\text{g/mL}$ against *P. chrysogenum* fungal strains, while compounds **5a-f** showed to be less active on *C. albicans* and *A. niger* fungal strains relative to standard drug fluconazole. Most of the compounds **3** and **5** did not inhibit the growth of *P. mirabilis* bacterial strain satisfactorily, as compared with positive control streptomycin.

Table 2. Antimicrobial activities of the synthesized compounds **5a-f** against pathological organisms expressed as minimal inhibition concentration (MIC, $\mu\text{g/mL}$)

Compd. No.	Microorganisms						
	Gram – ve bacteria		Gram + ve bacteria			Fungi	
	<i>Escherichia coli</i>	<i>Proteus mirabilis</i>	<i>Streptococcus faecalis</i>	<i>Bacillus subtilis</i>	<i>Candida albicans</i>	<i>Penicillium chrysogenum</i>	<i>Aspergillus niger</i>
5a	20	25	25	20	20	20	25
5b	9.5	25	10.5	12.5	25	10.5	20
5c	10	20	12.5	20	20	12.5	20
5d	15	25	15.5	20	25	12.5	25
5e	8.5	20	10.5	12.5	20	11.5	20
5f	20	25	20	25	20	20	25
Streptomycin	6.25	6.25	6.25	6.25	—	—	—
Fluconazole	—	—	—	—	6.25	6.25	6.25

Table 3. Antimalarial activities of the synthesized compounds **3a–f** and **5a–f** against *P. falciparum* expressed as IC₅₀ (µg/mL)

Compd. No.	<i>P. falciparum</i> IC ₅₀ (µg/mL)	Compd. No.	<i>P. falciparum</i> IC ₅₀ (µg/mL)
3a	1.50	5a	1.65
3b	0.90	5b	0.95
3c	1.00	5c	1.10
3d	1.15	5d	1.25
3e	1.55	5e	1.00
3f	0.95	5f	1.75
Quinine	0.268	—	0.268
Chloroquine	0.020	—	0.020

Antimalarial Evaluation

The synthesized compounds **3** and **5** were also screened for their *in vitro* antimalarial activity against *Plasmodium falciparum* strain using chloroquine and quinine as reference drugs. The mean IC₅₀ (µg/mL) values of test compounds against the test microbe are presented in Table 3. The results revealed that the majority of the synthesized compounds showed significant degrees of inhibition against *P. falciparum* as compared with standard drugs.

Among the carbazole linked pyrazole Schiff bases (**3a–f**), compound **3b** with fluorine substituent attached exhibited a respectable antimalarial spectrum with IC₅₀ value of 0.90 µg/mL, as compared with compounds **3a**, **3c**,

3d and **3e** and standard drug quinine. Compounds **3a**, **3c**, **3d** and **3e** exhibited satisfactory antimalarial activity with IC₅₀ value ranging from 1.00 to 1.55 µg/mL. Compound **3f** with thiophene substituent showed considerable inhibition activities with IC₅₀ value of 0.95 µg/mL. In case of carbazole bearing diarylthiourea derivatives (**5a–f**), **5b** and **5e** showed the strong growth inhibition activities (with IC₅₀ values of 0.95 and 1.00 µg/mL) as compared with standard drug quinine, while compounds **5a**, **5c**, **5d** and **5f** showed moderate to good inhibition activities against *P. falciparum* comparable to that of the reference compounds.

CONCLUSIONS

To summarize, syntheses of a series of (*E*)-9-ethyl-*N*-((1,3-diphenyl-1*H*-pyrazol-4-yl)methylene)-9*H*-carbazol-3-amine (**3a–f**) and 1-(9-ethyl-9*H*-carbazol-6-yl)-3-phenylthiourea (**5a–f**) were carried out in which some electron withdrawing, donating as well as bulky functional groups were introduced to the phenyl ring. Also, it is known that the presence of halides (F, Cl, Br) increases the lipophilic properties of the compounds. Antimicrobial study of the synthesized compounds indicated that some of the compounds displayed moderate to potent antibacterial and antifungal activities which will be further helpful for the development of new antimicrobial compounds. As structure-activity relationship (SAR) study of all the compounds was taken into account (Figure 1), it was observed that the

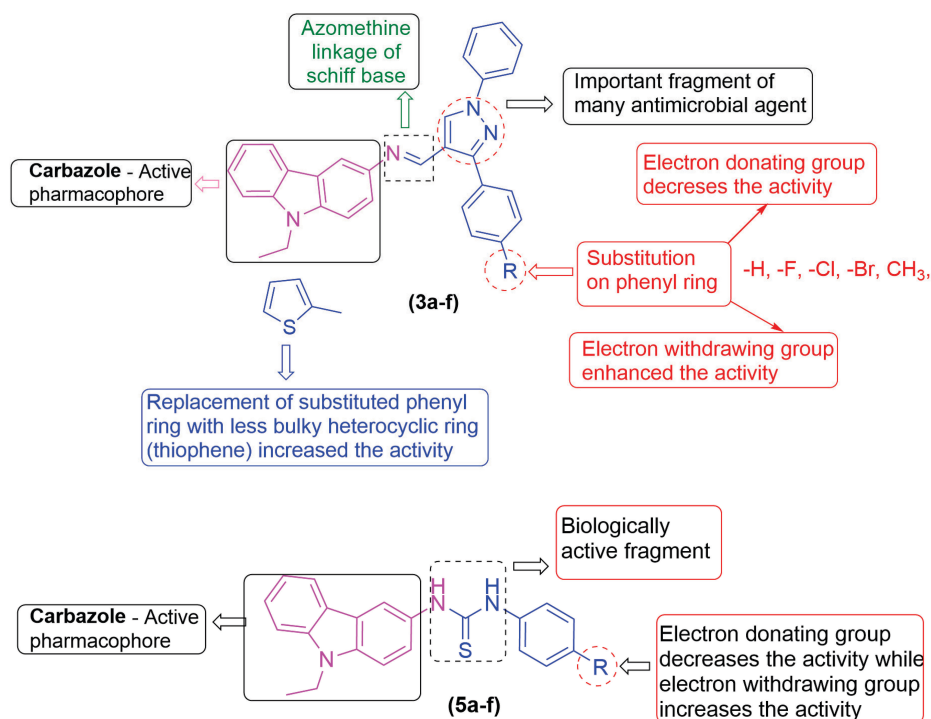


Figure 1. Structure-activity relationship of target compounds **3** and **5**.

combination of carbazole moiety to various pyrazole aldehyde and substituted phenylisothiocyanate in new derivatives caused increased activities against most of the tested organisms. The results also suggested that the antimicrobial activities of the carbazole derivatives were influenced by the aromatic substituent. Compounds with electron-withdrawing substituent **3b**, **3c**, **3d**, **5b**, **5c**, **5d** and **5e** in the phenyl ring were more potent against most of the tested microorganisms than compounds **3e** and **5f** with electron-donating groups. Furthermore, compounds **3a** and **5a** without substituent in the phenyl ring showed satisfactory activities against all tested bacterial and fungal strains. It was observed that, the sulphur containing Schiff base and diarylthiourea derivatives showed remarkably increments in the antibacterial, antifungal and antimalarial activities. In case of diarylthiourea derivatives, compound **5b** with fluorine substituent increased the antimalarial activity of the molecule, as compared with compounds containing chlorine, bromine and methyl groups. High potency and promising antimicrobial activity of the synthesized compounds **3a–f** and **5a–f** suggest that these compounds could serve as good leads for further optimization and development.

EXPERIMENTAL

The recorded melting points were determined in an open capillary and are uncorrected. IR spectra were recorded on Perkin Elmer Fourier-transform infrared (FTIR) spectrophotometer with ATR. The ^1H NMR and ^{13}C NMR spectra were recorded on a Bruker Avance II (500 MHz) and Bruker (125 MHz) spectrometer respectively, using TMS as internal standard. Mass spectra were recorded on a Waters Q-TOF micromass spectrophotometer. The thin layer chromatography (TLC) was carried out on precoated silica gel aluminum plates to check compounds purity. The starting materials 9-ethyl-9H-carbazol-3-amine and substituted phenylisothiocyanate of Sigma Aldrich make were purchased from local chemical providers. The antimicrobial activity was evaluated by the agar well diffusion method.^[39] The *in vitro* antimalarial assay was carried out in 96 well plates according to the micro assay protocol of Rieckmann, and co-workers with minor modifications.^[40]

Minimal Inhibitory Concentration (MIC) Measurement

The potato dextrose broths used for microorganism susceptibility tests in nutrient media for the determination of MIC. The tested compound stock 1000 $\mu\text{g}/\text{mL}$ solutions, Streptomycin and Fluconazole were prepared in DMSO followed by dilutions to 100–6.25 $\mu\text{g}/\text{mL}$ concentrations. Inoculated microorganism suspensions were incubated at 37 °C for 1–5 days for MIC determination.

General Procedure for the Synthesis of Compounds 3a–f

9-Ethyl-9H-carbazol-3-amine **1** (1.5 mmol) and substituted 1,3-diphenyl-1H-pyrazole-4-carbaldehyde **2** (1.5 mmol) were dissolved in ethanol (10 mL) and refluxed in reaction flask for 1h. After that, 2–3 drops of acetic acid was added to solvent as a catalyst. As a result of condensation reaction reddish brown color was observed. After completion of the reaction (monitored by TLC), the reaction mixture was cooled and light yellow colored spongy solid separated. The obtained solid was filtered and purified by recrystallization from DMF to afford compounds **3a–f**.

(E)-9-ethyl-N-((1,3-diphenyl-1H-pyrazol-4-yl)methylene)-9H-carbazol-3-amine (3a) Yellow colored solid; Yield (71 %); m.p. 124–125 °C; IR $\tilde{\nu}_{\text{max}}/\text{cm}^{-1}$: 3060 (=CH), 1599 (–CH=N), 1504 (C=C); ^1H NMR (CDCl_3) δ/ppm : 1.42 (t, 3H, $J=7.1$ Hz, CH_3), 4.41 (q, 2H, $J=7.1$ Hz, N– CH_2), 7.20–7.26 (m, 1H, ArH), 7.30–7.35 (m, 1H, ArH), 7.41–7.48 (m, 3H, ArH), 7.50–7.55 (m, 5H, ArH), 7.60–7.75 (m, 5H, ArH), 7.85–8.10 (m, 2H, ArH), 8.75 (s, 1H, –CH=N), 8.89 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.80, 37.75, 108.71, 108.80, 112.38, 118.83, 119.42, 119.71, 120.65, 120.73, 122.98, 123.55, 125.99, 127.38, 127.50, 129.64, 130.42, 131.45, 131.90, 138.70, 139.55, 140.59, 143.90, 150.15, 152.59; MS (m/z): 441.05 (M+H)⁺.

(E)-9-ethyl-N-((3-(4-fluorophenyl)-1-phenyl-1H-pyrazol-4-yl)methylene)-9H-carbazol-3-amine (3b) Yellow colored solid; Yield (67 %); m.p. 116–117 °C; IR $\tilde{\nu}_{\text{max}}/\text{cm}^{-1}$: 3048 (=CH), 1596 (–CH=N), 1504 (C=C), 1216 (Ar–F); ^1H NMR (CDCl_3) δ/ppm : 1.42 (t, 3H, $J=7.0$ Hz, CH_3), 4.42 (q, 2H, $J=7.0$ Hz, N– CH_2), 7.20–7.29 (m, 1H, ArH), 7.38–7.45 (m, 1H, ArH), 7.49–7.56 (m, 3H, ArH), 7.59–7.75 (m, 4H, ArH), 7.80–7.95 (m, 4H, ArH), 7.99–8.20 (m, 3H, ArH), 8.68 (s, 1H, –CH=N), 8.75 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.85, 37.70, 108.72, 108.85, 112.49, 118.90, 119.47, 119.70, 120.68, 120.79, 122.95, 123.59, 125.90, 127.36, 127.50, 129.60, 130.45, 131.47, 131.90, 138.70, 139.53, 140.55, 143.92, 150.10, 152.66; MS (m/z): 459.10 (M+H)⁺.

(E)-N-((3-(4-chlorophenyl)-1-phenyl-1H-pyrazol-4-yl)methylene)-9-ethyl-9H-carbazol-3-amine (3c) Yellow colored solid; Yield (70 %); m.p. 138–139 °C; IR $\tilde{\nu}_{\text{max}}/\text{cm}^{-1}$: 3048 (=CH), 1598 (–CH=N), 1503 (C=C), 1089 (Ar–Cl); ^1H NMR (CDCl_3) δ/ppm : 1.44 (t, 3H, $J=7.1$ Hz, CH_3), 4.37 (q, 2H, $J=7.1$ Hz, N– CH_2), 7.21–7.34 (m, 2H, ArH), 7.36–7.50 (m, 3H, ArH), 7.52–7.77 (m, 5H, ArH), 7.81–7.85 (m, 4H, ArH), 7.89–8.13 (m, 2H, ArH), 8.65 (s, 1H, –CH=N), 8.71 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.84, 37.70, 108.69, 108.85, 112.36, 118.90, 119.37, 119.70, 120.58, 120.64, 122.94, 123.50, 125.96, 127.31, 127.57, 128.97, 129.59, 130.11, 134.71, 138.72, 139.46, 140.53, 143.91, 150.14, 152.51, 162.56; MS (m/z): 475.23 (M+H)⁺.

(E)-N-((3-(4-bromophenyl)-1-phenyl-1H-pyrazol-4-yl)methylene)-9-ethyl-9H-carbazol-3-amine (3d) Yellow colored solid; Yield (68 %); m.p. 130–131 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3051 (=CH), 1598 (–CH=N), 1504 (C=C), 698 (Ar–Br); ^1H NMR (CDCl_3) δ/ppm : 1.44 (t, 3H, $J=7.1$ Hz, CH_3), 4.38 (q, 2H, $J=7.1$ Hz, N– CH_2), 7.21–7.25 (m, 1H, ArH), 7.34–7.37 (m, 1H, ArH), 7.41–7.46 (m, 3H, ArH), 7.49–7.55 (m, 3H, ArH), 7.62–7.77 (m, 4H, ArH), 7.83–7.85 (m, 2H, ArH), 7.95–8.10 (m, 2H, ArH), 8.65 (s, 1H, –CH=N), 8.96 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.88, 37.73, 108.70, 108.85, 112.39, 118.93, 119.40, 119.74, 120.63, 120.70, 122.99, 123.54, 125.98, 127.34, 127.55, 129.62, 130.41, 131.46, 131.95, 138.75, 139.50, 140.56, 143.96, 150.11, 152.56; MS (m/z): 519.16 (M+H)⁺.

(E)-9-ethyl-N-((1-phenyl-3-p-tolyl-1H-pyrazol-4-yl)methylene)-9H-carbazol-3-amine (3e) Yellow colored solid; Yield (70 %); m.p. 122–123 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3051 (=CH), 1598 (–CH=N), 1531 (C=C); ^1H NMR (CDCl_3) δ/ppm : 1.39 (t, 3H, $J=7.1$ Hz, CH_3), 2.30 (s, 3H, Ar CH_3), 4.44 (q, 2H, $J=7.1$ Hz, N– CH_2), 7.20–7.27 (m, 2H, ArH), 7.42–7.50 (m, 3H, ArH), 7.55–7.69 (m, 5H, ArH), 8.03–8.12 (m, 4H, ArH), 8.18–8.28 (m, 2H, ArH), 8.89 (s, 1H, –CH=N), 9.17 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.84, 20.89, 37.78, 108.65, 108.88, 112.40, 118.92, 119.36, 119.72, 119.80, 120.46, 120.73, 123.13, 123.58, 125.97, 126.50, 127.10, 127.38, 127.67, 127.70, 129.68, 134.40, 138.70, 139.39, 140.58, 144.60, 147.68, 150.18; MS (m/z): 455.08 (M+H)⁺.

(E)-9-ethyl-N-((1-phenyl-3-(thiophen-2-yl)-1H-pyrazol-4-yl)methylene)-9H-carbazol-3-amine (3f) Yellow colored solid; Yield (72 %); m.p. 109–110 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3054 (=CH), 1597 (–CH=N), 1510 (C=C), 1185 (C–S); ^1H NMR (CDCl_3) δ/ppm : 1.34 (t, 3H, $J=7.1$ Hz, CH_3), 4.45 (q, 2H, $J=7.1$ Hz, N– CH_2), 7.19–7.23 (m, 2H, ArH), 7.40–7.51 (m, 3H, thiophen ring), 7.57–7.69 (m, 5H, ArH), 8.00–8.10 (m, 3H, ArH), 8.16–8.24 (m, 2H, ArH), 8.88 (s, 1H, –CH=N), 9.15 (s, 1H, pyrazole ring); ^{13}C NMR (CDCl_3) δ/ppm : 13.88, 37.74, 108.69, 108.85, 112.43, 118.91, 119.37, 119.71, 119.82, 120.51, 120.63, 123.03, 123.56, 125.96, 126.51, 127.15, 127.28, 127.65, 127.75, 129.58, 134.42, 138.75, 139.38, 140.56, 144.10, 147.69, 150.14; MS (m/z): 447.16 (M+H)⁺.

General Procedure for the Synthesis of Compounds 5a-f

Substituted phenylisothiocyanate **4** (1 mmol) was added dropwise to a well stirred solution of 9-ethyl-9H-carbazol-3-amine **1** (1 mmol) in ethanol (5 mL), with constant stirring. A light yellow colored solid precipitated, which after 30 min was filtered off and crude compounds were recrystallized from ethanol to afford the target compounds **5a-f**.

1-(9-ethyl-9H-carbazol-6-yl)-3-phenylthiourea (5a) Light yellow colored solid; Yield (68 %); m.p. 158–159 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3357 (NH), 3173 (NH), 2965 (=CH), 1534 (C=S); ^1H NMR (CDCl_3) δ/ppm : 1.33(t, 3H, $J=6.2$ Hz, CH_3), 4.45

(q, 2H, $J=6.7$ Hz, N– CH_2), 7.12–7.22 (m, 4H, ArH), 7.33–7.36 (m, 4H, ArH), 7.45–7.54 (m, 2H, ArH), 7.59–8.15(m, 2H, ArH), 9.65 (s, 1H, NH), 9.81 (s, 1H, NH); ^{13}C NMR (CDCl_3) δ/ppm : 13.87, 37.78, 108.87, 109.40, 118.79, 119.39, 120.76, 122.37, 123.62, 124.45, 125.18, 126.52, 126.63, 127.68, 129.24, 137.76, 138.99, 140.58, 180.76; MS (m/z): 346.13 (M+H)⁺.

1-(9-ethyl-9H-carbazol-6-yl)-3-(4-fluorophenyl) thiourea (5b)

Light yellow colored solid; Yield (65 %); m.p. 161–162 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3366 (NH), 3183 (NH), 2964 (=CH), 1530 (C=S); ^1H NMR (CDCl_3) δ/ppm : 1.44(t, 3H, $J=7.0$ Hz, CH_3), 4.44 (q, 2H, $J=6.7$ Hz, N– CH_2), 7.15–7.17 (m, 1H, ArH), 7.20–7.28 (m, 2H, ArH), 7.32–7.37 (m, 1H, ArH), 7.40–7.45 (m, 3H, ArH), 7.48–7.53 (m, 3H, ArH), 7.56–7.65 (m, 1H, ArH), 8.07 (s, 1H, NH), 8.21 (s, 1H, NH); ^{13}C NMR (CDCl_3) δ/ppm : 14.28, 37.76, 110.22, 110.29, 117.30, 120.33, 121.14, 122.47, 122.75, 122.99, 123.15, 123.25, 123.91, 125.73, 127.00, 128.38, 129.11, 135.44, 140.65, 142.21, 149.72, 157.45, 192.98; MS (m/z): 364.15 (M+H)⁺.

1-(4-chlorophenyl)-3-(9-ethyl-9H-carbazol-6-yl) thiourea (5c)

Light yellow colored solid; Yield (69 %); m.p. 121–122 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3321 (NH), 3120 (NH), 2973 (=CH), 1529 (C=S); ^1H NMR (CDCl_3) δ/ppm : 1.33(t, 3H, $J=6.2$ Hz, CH_3), 4.47 (q, 2H, $J=6.7$ Hz, N– CH_2), 7.16–7.22 (m, 3H, ArH), 7.33–7.37 (m, 3H, ArH), 7.43–7.49 (m, 3H, ArH), 7.60–8.17 (m, 2H, ArH), 9.75 (s, 1H, NH), 9.99 (s, 1H, NH); ^{13}C NMR (CDCl_3) δ/ppm : 13.87, 37.82, 108.96, 109.69, 118.94, 119.56, 120.78, 122.24, 123.01, 123.83, 124.34, 124.86, 126.35, 126.76, 129.86, 134.43, 139.19, 140.63, 180.63; MS (m/z): 380.04 (M+H)⁺.

1-(4-bromophenyl)-3-(9-ethyl-9H-carbazol-6-yl)thiourea (5d)

Light yellow colored solid; Yield (65 %); m.p. 132–133 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3330 (NH), 3128 (NH), 2975 (=CH), 1525 (C=S); ^1H NMR (CDCl_3) δ/ppm : 1.34 (t, 3H, $J=6.4$ Hz, CH_3), 4.45 (q, 2H, $J=6.8$ Hz, N– CH_2), 7.18–7.25 (m, 3H, ArH), 7.32–7.39 (m, 3H, ArH), 7.45–7.55 (m, 3H, ArH), 7.65–8.10 (m, 2H, ArH), 9.60 (s, 1H, NH), 9.70 (s, 1H, NH); ^{13}C NMR (CDCl_3) δ/ppm : 13.82, 37.79, 108.84, 109.65, 118.90, 119.55, 120.70, 122.22, 123.20, 123.85, 124.38, 124.89, 126.32, 126.75, 129.85, 134.40, 139.29, 140.53, 180.60; MS (m/z): 424.10(M+H)⁺.

1-(9-ethyl-9H-carbazol-6-yl)-3-p-tolylthiourea (5f)

Light yellow colored solid; Yield (65 %); m.p. 143–144 °C; IR $\tilde{\nu}_{\max}/\text{cm}^{-1}$: 3366 (NH), 3179 (NH), 2970 (=CH), 1531 (C=S); ^1H NMR (CDCl_3) δ/ppm : 1.44 (t, 3H, $J=6.3$ Hz, CH_3), 2.34 (s, 3H, Ar CH_3), 4.35 (q, 2H, $J=6.3$ Hz, N– CH_2), 7.18–7.29 (m, 2H, ArH), 7.34–7.48 (m, 2H, ArH), 7.52–7.69 (m, 5H, ArH), 7.75–7.95 (m, 2H, ArH), 8.05 (s, 1H, NH), 8.25 (s, 1H, NH); ^{13}C NMR (CDCl_3) δ/ppm : 13.81, 37.89, 108.84, 109.68, 118.92, 119.79, 120.59, 122.28, 123.35, 123.80, 124.39, 124.84, 126.38, 126.64, 129.70, 135.48, 139.39, 140.75, 180.69; MS (m/z): 360.06 (M+H)⁺.

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Supplementary Information. Supporting information to the paper is attached to the electronic version of the article at: <https://doi.org/10.5562/cca3700>.

PDF files with attached documents are best viewed with Adobe Acrobat Reader which is free and can be downloaded from Adobe's web site.

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Functional MoU Copies

Shabdalya Prakashan, Shrirampur
Post Box No. 90, Ward No. 7,
Shrirampur Dist.- Ahmednagar, PIN:
413709 , Maharashtra



Pravara Rural Education Society's

ARTS, COMMERCE & SCIENCE COLLEGE, SATRAL

Tal : Rahuri, Dist : Ahmednagar. Pin: 413 711

Savitribai Phule Pune University, Affiliated ID No. PU.A.N.ASC 057 1998

NAAC Accredited "B++" Grade with CGPA 2.87

☎- 02426- 275763

Fax-02426 275763

Web: - www.paravarasatralcollege.org.

Email ID :- acscsatral@Rediffmail.com

Ref. No.: ACSCS/HD/2018-19

Date: 28/06/2018

**Memorandum of Understanding (MOU)
Co-operative Educational Agreement**

**Department of Marathi
Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Tal- Rahuri, Dist- Ahmednagar (PIN: 413711)
And
Shabdhalaya Prakashan, Shrirampur
Post Box No. 90, Ward No. 7, Shrirampur
Dist.- Ahmednagar, PIN: 413709 (M.S.), India**

THIS AGREEMENT, is valid from the **Academic Year 2018-19 to 2022-23**, by and between Department of Marathi, Arts, Commerce and Science College, Satral, Tal: Rahuri, Dist: Ahmednagar (M.S.), India.

WITNESSETH THAT:

WHEREAS, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar, PIN: 413711 (M.S.), India and Shabdhalaya Prakashan, Post Box No. 90, Ward No. 7, Shrirampur, Dist.- Ahmednagar, PIN: 413709 (M.S.), India desire to promote the enrichment of their teaching-learning, Research and discovery and engagement missions; and

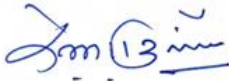
WHEREAS, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdhalaya Prakashan, Shrirampur desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdhalaya Prakashan, Shrirampur desire to provide for a vibrant collaboration between the two organizations on the terms and conditions hereinafter set forth;

IN WITNESS THERE OF, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Shrirampur have executed this Agreement as of the date first above written.

FOR,

Arts, Commerce and Science College,
Satral, Tal-Rahuri, Dist.-Ahmednagar
PIN: 413711 (M.S.), India



Dr. Sopan N. Shingote

PRINCIPAL

Art, Commerce & Science College,
Satral, Tal, Rahuri, Dist. A' Nagar

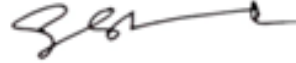
AUTHORIZED SIGNATORY NAME:
(Dr. Sopan N. Shingote)

DESIGNATION: Principal
ACS College, Satral

Date: 28/06/2018

FOR,

Shabdalya Prakashan,
Shrirampur, Dist.-Ahmednagar
PIN: 413709 (M.S.), India



(HON'BLE SUMATI LANDE)
शब्दालय प्रकाशन

गर्डी नं ७, आयडिया टॉवरच्या बाजूला
श्रीरामपूर ४१३ ७०९ जि. अहमदनगर

AUTHORIZED SIGNATORY NAME:
(Hon'ble Sumati Lande)

DESIGNATION: Senior Poet and Publisher
Shabdalya Prakashan, Shrirampur

Date: 28/06/2018

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:

- A. Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of E-learning, e-content development and education.
- B. Assist in Student, Teacher Training, and Student exchange Placement assistance.
- C. Collaborative E-learning, e-content development, Learning and Teaching, and Engagement.
- D. Encourage the faculty members and scholars of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
- E. 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.
- F. 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 five 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- Both the institutions plan and the activities with mutual discussion and support.

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:

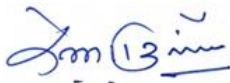
- Both the parties may receive information proprietary to other party (the "Confidential Information") in the course of performance of their obligations under this MOU. Confidential Information not meant to include any information which (a) is publicly available; (b) is rightfully received by the parties 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 an 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 agrees 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.

Indemnification:

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

- I. **Non-discrimination – Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Post Box No. 90, Ward No. 7, Shrirampur** agree that no person shall on the grounds of race, colour, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.
- II. **Modification** - The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

FOR,
Arts, Commerce and Science College,
Satral, Tal-Rahuri, Dist.-Ahmednagar
PIN: 413711 (M.S.), India



Dr. Sopan N. Shingote

PRINCIPAL

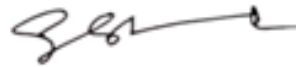
Art, Commerce & Science College,
Satral, Tal, Rahuri, Dist. A' Nagar

AUTHORIZED SIGNATORY NAME:
(Dr. Sopan N. Shingote)

DESIGNATION: Principal
ACS College, Satral

Date: 28/06/2018

FOR,
Shabdalya Prakashan,
Shrirampur, Dist.-Ahmednagar
PIN: 413709 (M.S.), India



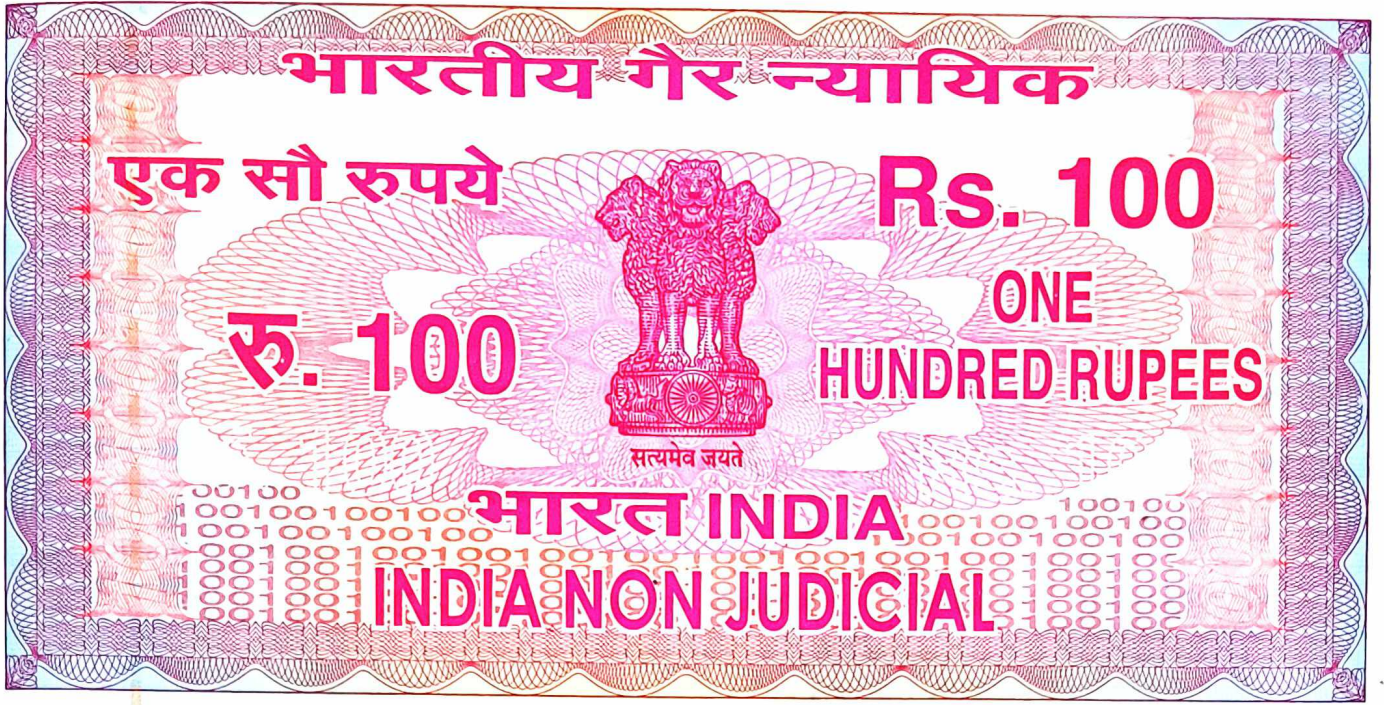
(HON'BLE SUMATI LANDE)
शब्दालय प्रकाशन

वर्ड नं ७, आयडिया टॉवरच्या बाजूला
श्रीरामपूर ४१३ ७०९ जि. अहमदनगर

AUTHORIZED SIGNATORY NAME:
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DESIGNATION: Senior Poet and Publisher
Shabdalya Prakashan, Shrirampur

Date: 28/06/2018

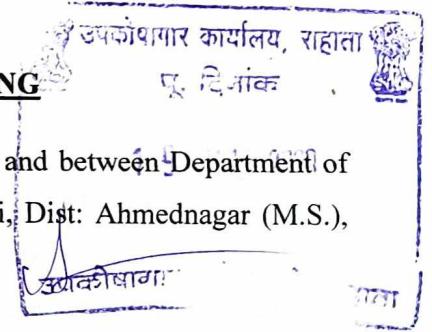


महाराष्ट्र MAHARASHTRA

● 2022 ●

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MEMORANDUM OF UNDERSTANDING



THIS AGREEMENT, entered into this 24th day of July 2023, by and between Department of Marathi, Arts, Commerce and Science College, Satral, Tal: Rahuri, Dist: Ahmednagar (M.S.), India.

WITNESSETH THAT:

WHEREAS, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar, PIN: 413711 (M.S.), India and Shabdalya Prakashan, Post Box No. 90, Ward No. 7, Shrirampur desire to promote the enrichment of their teaching-learning, Research and discovery and engagement missions; and

WHEREAS, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Shrirampur desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Shrirampur desire to provide for a vibrant collaboration between the two organizations on the terms and conditions hereinafter set forth;

Page 1 of 5

दस्तावा प्रकार / अनुच्छेद क्रमांक

(Nature of Document / Article No.)

दस्त नोंदणी करणार आहेत का ?

(Whether it is to be Registered)

नोंदणी होणार असल्यास दुय्यम निर्देशक कार्यालयाचे नाव—

(If Registrable Name of S.R.O.)

मिळकतीचे वर्णन
(Property Description in Brief)

मोबदला रक्कम
(Consideration Amount)

मुद्रांक विक्रेता घेणाऱ्याचे नाव

(Stamp Purchaser's Name)

दुसऱ्या पक्षाचा नाव

(Name of Other Party)

हस्त आसल्यास त्याचे नाव व पत्ता
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मुद्रांक शुल्क रक्कम
(Stamp Duty Amount)

मुद्रांक दिनांक नोंद पत्र अनुक्रमांक / दिनांक
(Serial No. Date)

मुद्रांक विक्रेता घेणाऱ्याची सही

(Stamp Purchaser Sign/Date)

सौ. ए. आर. रावड

मुद्रांक विक्रेता

मु. वि. ला. नं. १४/१६ लोणी बु. शब्दालया

(या कार्यालयी व्यक्ती मुद्रांक खरेदी केला त्याचे नाव)

कमालादी मुद्रांक खरेदी केल्यापासुन ६ महिन्यात वापरणे बंधनकारक ३

हस्ताक्षर

मोबदला रक्कम ३००
मुद्रांक विक्रेता घेणाऱ्याचे नाव कमा वाणीसु व निवाडा मजिदियालय (मराठी विभाग)
हस्त आसल्यास त्याचे नाव व पत्ता कमा वाणीसु व निवाडा मजिदियालय (मराठी विभाग)

सही

21 JUL 2023

IN WITNESS THERE OF, Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Shrirampur have executed this Agreement as of the date first above written.

FOR,
Arts, Commerce and Science College,
Satral, Tal-Rahuri, Dist.-Ahmednagar
PIN: 413711 (M.S.), India

FOR
Shabdalya Prakashan,
Shrirampur

Handwritten signature of Prof. Dr. P. M. Dongare

Handwritten signature of Hon'ble Sumati Lande

AUTHORIZED SIGNATORY NAME:
(PROF. DR. P. M. DONGARE)
Principal
Arts, Commerce and Science College, Satral
Tal- Rahuri, Dist- Ahmednagar- 413711

AUTHORIZED SIGNATORY NAME:
(HON'BLE SUMATI LANDE)
शब्दालय प्रकाशन
मॉडेल नं ७, आयडिया टॉवरच्या बाजूला
श्रीरामपूर ४१३ ७०९ जि अहमदनगर

DESIGNATION: Principal
ACS College, Satral

DESIGNATION: Senior Poet and Publisher
Shabdalya Prakashan, Shrirampur

Date: 24/07/2023

Date: 24/07/2023



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 - C. Collaborative E-learning, e-content development, Learning and Teaching, and Engagement.
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- 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.



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Indemnification:

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

- I. **Non-discrimination – Arts, Commerce and Science College, Satral, Tal- Rahuri, Dist.- Ahmednagar (M.S.), India and Shabdalya Prakashan, Post Box No. 90, Ward No. 7, Shirampur** agree that no person shall on the grounds of race, colour, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.
- II. **Modification** - The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

FOR,
Arts, Commerce and Science College,
Satral, Tal-Rahuri, Dist.-Ahmednagar
PIN: 413711 (M.S.), India

FOR
Shabdalya Prakashan,
Shrirampur





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ACS College, Satral

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शब्दालय प्रकाशन

गॉर्डन ७, आयडिया टॉवरच्या बाजूला
श्रीरामपूर ४१३ ७०९ जि अहमदनगर

DESIGNATION: Senior Poet and Publisher
Shabdalya Prakashan, Shirampur

Date: 24/07/2023

Date: 24/07/2023





LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Translation Version of the Report - **Marathi Language Day**

2020-2021

On 27th February 2021, the Marathi Department celebrated Marathi Language Day under Savitribai Phule Pune University, Student Development Board. Professor Dr. Sanjay Kadam expressed that poetry is the spontaneous utterance of one's thoughts, blending life experiences into a rhythmic flow. Poetry ceases where its story ends and is not an autobiography or a life tale. Currently, there's a flood of poets and poetry. Friends, writing is not subservient to anyone. Poetry is not a platform for convenient truths. The event, organized by the joint efforts of Savitribai Phule Pune University, Student Development Board, and the Loknete Padma Bhushan Dr. Balasaheb Vikhe Patil Pravara Rural Education Institute's Arts, Commerce, and Science College at Satral, included a student poets' meet celebrating Kusumagraj's birth anniversary. Vice-Principals Dr. Jayshree Singar and Dr. Deepak Gholap were present. Presidential remarks were given by Ms. Sunita Namdev Ponde, with approval from Ms. Pratiksha Vitthal Gagre. Coordinator and Marathi Department Head Prof. Dr. Navnath Shinde gave the introductory speech. Student poets included Ms. Poonam Laxman Gagre, Ms. Aarti Gavade, Ms. Shubhangi Devidas Shirsat, Ms. Priyanka Sambare, and Dr. Anant Kedare. Dr. Gangaram Vaditke offered the vote of thanks, and the event was hosted by Ms. Priyanka Ambadas Harde.


Principal

Arts, Commerce and Science College, Satral
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NAAC Accredited
B++ Grade with CGPA 2.87

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A/p. : Satral, Tal. Rahuri, Dist. Ahmednagar, PIN: 413711



लोकनेते डॉ. बाळासाहेब विखे पाटील (पद्मभूषण उपाधीने सन्मानित)
प्रवरा ग्रामीण शिक्षण संस्थेचे,
कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ
ता. राहुरी, जि. अहमदनगर. पिन: ४१३७११
फोन नं : (०२४२६)२७५७६३/६४

शब्दालय प्रकाशन, श्रीरामपूर
आणि
मराठी विभाग
यांच्या संयुक्त विद्यमाने

दि २०/०२/२०२१ रोजी सकाळी ठीक ९ :०० वाजता आयोजित

मराठी भाषा गौरव दिवस

विभागीय उपक्रम अहवाल
(Department Activity Report)

समन्वयक

डॉ. नवनाथ अंगद शिंदे
सहयोगी प्राध्यापक व मराठी विभागप्रमुख,
कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ

डॉ. गंगाराम कोंडीराम वडितके
सहाय्यक प्राध्यापक, मराठी विभाग

डॉ- नवनाथ शिंदे
मराठी विभाग प्रमुख
कला ,वाणिज्य व विज्ञान महाविद्यालय सात्रळ
ता- राहुरी, जि- अहमदनगर .
दि-२१/०२/२०२१.

प्रति -
मा. प्राचार्य ,
प्रवरा ग्रामीण शिक्षण संस्थेचे,
कला, वाणिज्य व विज्ञान महाविद्यालय सात्रळ.

विषय-मराठी भाषा गौरव दिवस घेण्यास परवानगी मिळणेबाबत-

महोदय ,
वरील विषयानुसार आपल्या महाविद्यालयामध्ये दिनांक २७ /२/ २०२१. रोजी सकाळी ठीक
९.०० वाजता मराठी भाषा गौरव दिन साजरा करावयाचा आहे. या कार्यक्रमासाठी प्रमुख पाहुणे
प्राध्यापक डॉ संजय कदम यांना आमंत्रित करण्यात येणार आहे. तरी या कार्यक्रमासाठी आपण
मान्यता द्यावी ही विनंती.

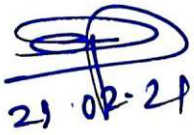
आपला विश्वासू.





विभाग प्रमुख
मराठी विभाग

कला,वाणिज्य व विज्ञान महाविद्यालय,सात्रळ
ता.राहुरी.जि.अहमदनगर-४१३७१९

Allowed



21.02.21

	<p style="text-align: center;"><i>LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL</i> EDUCATION SOCIETY'S</p> <p style="text-align: center;">Pravara Rural Education Society's, ARTS, COMMERCE & SCIENCE COLLEGE SATRAL</p> <p style="text-align: center;">Tal- Rahuri, Dist- A.nagar-413 711, Maharashtra (INDIA) SavitribaiPhule Pune University, Affiliated ID No. PU.A.N.ASC 057 1998 Phone No. ☎: 02426- 275763(☎) : 02426- 275764 Web: http://pravaracollege.in/ASC_Satral/ Email : acscsatral@rediffmail.com NAAC Accredited "B++" Grade with CGPA 2.78</p>	
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Ref.No./ACS/Satral/२०२०-२१/१३ - 38.

दि- 25/02/21,

प्रति :

प्राध्यापक . डॉ . संजय कदम .
मराठी विभाग , प्रमुख
कला, वाणिज्य व विज्ञान महाविद्यालय राहता,
ता- राहता, जि- अहमदनगर .

विषय - मराठी भाषा गौरव दिन समारंभासाठी प्रमुख पाहुणे म्हणून उपस्थित राहणे बाबत-

महोदय ,
आमच्या महाविद्यालयामध्ये मराठी भाषा गौरव दिन दिनांक २७/०२/२०२१ रोजी सकाळी ठीक
-९.०० वाजता घेण्यात येणार आहे. तरी आपण प्रमुख अतिथी म्हणून उपस्थित राहून आमच्या
विद्यार्थ्यांना मार्गदर्शन करावे ही विनंती .

धन्यवाद -



प्राचार्य

कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता.राहुरी, जि.अहमदनगर

OLC
S.B. Kadam
25.2.21



LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL
EDUCATION SOCIETY'S

**Pravara Rural Education Society's,
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दि- २५/०२/२१,

**सूचना
मराठी विभाग**

महाविद्यालयातील कला, वाणिज्य व विज्ञान या शाखेतील सर्व विद्यार्थ्यांना सुचित करण्यात येते की, दिनांक २७/०२/२०१९ रोजी ठीक सकाळी -१९.०० वाजता मराठी भाषा गौरव दिन या कार्यक्रमाचे आयोजन करण्यात आलेले आहे. सर्व विद्यार्थ्यांनी सेमिनार हॉलमध्ये उपस्थित रहावे.


प्रINCIPAL

कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता.राहुरी, जि.अहमदनगर



LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL
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Ref.No./ACS/Satral/२०२०-२१/

दि- 25/02/2029,

सूचना

मराठी विभाग

महाविद्यालयातील सर्व प्राध्यापक व प्राध्यापके तर कर्मचारी यांना कळविण्यात येते की मराठी भाषा गौरव दिन दिनांक २७/०२/२०२१ रोजी सकाळी ठीक -९.०० वाजता मराठी भाषा गौरव दिवस आयोजित करण्यात आलेला आहे. या कार्यक्रमासाठी प्रमुख पाहुणे प्राध्यापक डॉ संजय कदम. उपस्थित राहणार आहेत. महाविद्यालयाचे प्रभारी प्राचार्य जयश्री सिनगर यांच्या अध्यक्षतेखाली कार्यक्रम संपन्न होणार आहे .तरी सर्वांनी सेमिनार हॉलमध्ये उपस्थित राहावे ही विनंती .

कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता.राहुरी, जि.अहमदनगर

प्रवरा ग्रामीण शिक्षण संस्थेचे
कला, वाणिज्य व विज्ञान महाविद्यालय सात्रळ तालुका राहुरी जिल्हा अहमदनगर
मराठी विभाग
आयोजित

मराठी भाषा गौरव दिन

कवी कुसुमाग्रज यांच्या जयंतीनिमित्त-
लेखक आपल्या भेटीला या उपक्रमांतर्गत विशेष व्याख्यान
दिनांक २७ फेब्रुवारी २०२१ . सकाळी -९.०० वाजता

कार्यक्रम पत्रिका

ग्रंथ प्रदर्शनाचे उद्घाटन.	महाविद्यालय विकास समिती व सर्व पदाधिकारी यांच्या शुभहस्ते
प्रास्ताविक व अतिथींची ओळख	प्राध्यापक डॉक्टर नवनाथ शिंदे
पद्मश्री पद्मभूषण कवी कुसुमाग्रज प्रतिमा पूजन व दीप प्रज्वलन	विचार पिठावरील मान्यवरांच्या शुभ हस्ते
सत्कार सोहळा	माननीय प्राचार्य व मान्यवरांच्या शुभहस्ते
विद्यार्थी विद्यार्थिनी गुणगौरव	उल्लेखनीय यश संपादन केलेले विद्यार्थी
प्रमुख अतिथींचे मार्गदर्शन	प्राध्यापक डॉ .संजय कदम.
अध्यक्षीय भाषण	उप प्राचार्य जयश्री सिनगर
आभार	प्रा .डॉ- वडीतके जी के.
सूत्रसंचालन	प्रा- लतिका पंडुरे.



विभाग प्रमुख
मराठी विभाग
कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ
ता. राहुरी, जि. अहमदनगर - ४१३७१०



प्राचार्य
कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता. राहुरी, जि. अहमदनगर



LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL
EDUCATION SOCIETY'S

**Pravara Rural Education Society's,
ARTS, COMMERCE & SCIENCE COLLEGE SATRAL**

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Ref.No./ACS/Satral/२०२०-२१/१३.५१

दि- २०/०२/२०२१

प्रति -

प्राध्यापक डॉ .संजय कदम..

कला ,वाणिज्य व विज्ञान महाविद्यालय राहता.

ता- राहता ,जि- अहमदनगर .

विषय-आभार पत्र

महोदय ,

दिनांक २७/०२/२०२१ रोजी आयोजित मराठी भाषा गौरव दिन समारंभ प्रसंगी आपण प्रमुख पाहुणे म्हणून उपस्थित राहिला व आमच्या विद्यार्थी, विद्यार्थिनी तसेच प्राध्यापक यांना बहुमोल मार्गदर्शन केल्याबद्दल आम्ही आपले आभारी आहोत.

धन्यवाद °

प्राचार्य
कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता.राहुरी,जि.अहमदनगर

०१२
S.B. KADAM
२.२.२१

लोकनेते डॉ. बाळासाहेब विखे पाटील (पद्मभूषण उपाधीने सन्मानित) प्रवरा ग्रामीण शिक्षण संस्थेचे,

प्रवरा ग्रामीण शिक्षण संस्थेचे,

कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ

ता. राहुरी, जि. अहमदनगर

मराठी विभाग आयोजित

२७ फेब्रुवारी २०२१ मराठी भाषा गौरव दिन

संक्षिप्त अहवाल

२०२०-२१

सावित्रीबाई फुले पुणे विद्यापीठ, विद्यार्थी विकास मंडळ अंतर्गत महाविद्यालयातील मराठी विभागाच्या वतीने दिनांक २७ फेब्रुवारी २०२१ रोजी मराठी भाषा गौरव दिन साजरा केला. तुमच्या तोंडातून सहजतेने येणारे उद्गार म्हणजे काव्य. कवितेत जीवनानुभवांची समिश्र लय येते. जिथे कवितेची गोष्ट सांगून होईल, तिथे कविता संपते. जीवनकहाणी किंवा आत्मचरित्र सांगणे म्हणजे कविता नव्हे. सध्या कवी आणि कवितांचा बाजार भरलेला आहे. मित्रहो लेखणी कोणाची गुलाम नसते. सोयीस्कर सत्य सांगण्याची जागा म्हणजे कविता नव्हे, असे परखड मत प्रा. डॉ. संजय कदम यांनी व्यक्त केले.

सावित्रीबाई फुले पुणे विद्यापीठ, विद्यार्थी विकास मंडळ आणि लोकनेते पद्मभूषण डॉ. बाळासाहेब विखे पाटील प्रवरा ग्रामीण शिक्षण संस्थेचे सात्रळ येथील कला, वाणिज्य व विज्ञान महाविद्यालय, मराठी विभाग यांच्या संयुक्त विद्यमाने. मराठी भाषा गौरव दिनानिमित्त विद्यार्थी कवी संमेलनाचे आयोजन करून कविवर्य कुसुमाग्रज यांची जयंती साजरी करण्यात आली. यावेळी उपप्राचार्या डॉ. जयश्री सिनगर, उपप्रचार्य डॉ. दीपक घोलप उपस्थित होते. अध्यक्षीय सूचना कु. सुनीता नामदेव पोंदे यांनी मांडली. अनुमोदन कु. प्रतीक्षा विठ्ठल गागरे यांनी दिले. प्रास्ताविक समन्वयक व मराठी विभागप्रमुख प्रा. डॉ. नवनाथ शिंदे यांनी केले. विद्यार्थी कवी संमेलनामध्ये कु. पुनम लक्ष्मण गागरे, कु. आरती गावडे, कु. शुभांगी देविदास शिरसाठ, कु. प्रियंका सांबरे तसेच डॉ. अनंत केदारे, आभार डॉ. गंगाराम वडीतके यांनी मानले. सूत्रसंचालन कु. प्रियंका अंबादास हारदे यांनी केले



विभाग प्रमुख

मराठी विभाग

कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ
ता. राहुरी, जि. अहमदनगर-४१३७१०



प्राचार्य

कला वाणिज्य व विज्ञान महाविद्यालय
सात्रळ ता. राहुरी, जि. अहमदनगर

२७ फेब्रुवारी २०२१ रोजी मराठी भाषा गौरव दिन प्रतिमा पूजन



विभाग प्रमुख
मराठी विभाग
कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ
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प्राचार्य
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प्रवरा ग्रामीण शिक्षण संस्थेचे
 कला, वाणिज्य व विज्ञान महाविद्यालय सात्रळ तालुका राहुरी जिल्हा अहमदनगर
 मराठी विभाग
 आयोजित
मराठी भाषा गौरव दिन
 कवी कुसुमाग्रज यांच्या जयंतीनिमित्त-

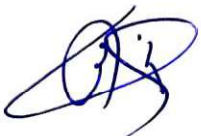
लेखक आपल्या भेटीला या उपक्रमांतर्गत विशेष व्याख्यान

दिनांक २७ फेब्रुवारी २०२१ . सकाळी -९.०० वाजता

- उपस्थिती पत्रक -

अ. नं.	विद्यार्थी नाव	वर्ग	सही
१	बालम उर्जुल बाजीराव	F.Y.B.A.	<u>Arjun</u>
२	चोखण विराज विजय	F.Y.B.A.	<u>Chokhan</u>
३	कु. दिने पल्लवी शुभिम	F.Y.B.A.	<u>Palani</u>
४	गायकवाड शिकिता दगात्रय	F.Y.B.A.	<u>Gayakwad</u>
५	हारदे आकाश विजय	F.Y.B.A.	<u>Harade</u>
६	गोरे लीरभ अशोक	F.Y.B.A.	<u>Gore</u>
७	पंजाबी दिप संजय	F.Y.B.A.	<u>Deep</u>
८	मेनगर अमोय रामेश्वर	F.Y.B.A.	<u>Menkar</u>
९	वाणी आनीका वावाशाहे	F.Y.B.A.	<u>Wani</u>
१०	गांगरे सैदिय राजेंद्र	S.Y.B.A.	<u>Gangare</u>
११	वाणी मोहिनी केशूनाथ	S.Y.B.A.	<u>Wani</u>
१२	कु. कडु लिकिता तात्यशाहे	S.Y.B.A.	<u>Kadu</u>
१३	पठारे भारती गौरवनाथ	S.Y.B.A.	<u>Pathare</u>
१४	जवार नंदू रावशाहे	S.Y.B.A.	<u>Jwar</u>

१५.	होळकर ओंकार राजेंद्र	S.Y.B.A.	Hologar.
१६.	श्रीरमाठ अजय सुदान	S.Y.B.A.	Shirsat.
१७.	कु. प्रसाद भयूरी जैनास	S.Y.B.A.	Murari.
१८.	विद्याटे शशिराज वीताराम.	S.Y.B.A.	Shirsat
१९.	कु. दौलप आपिता राजेंद्र	S.Y.B.A.	Ashta
२०.	श्रीरमाठ वंजेश खानास	S.Y.B.A.	Wangesh.
२१.	कु. देवे. सविता बाबासाहेब	T.Y.B.A.	Savita
२२.	गोळार केबाब भुरगीधर	T.Y.B.A.	Gam.
२३.	देवे वैभान बाबासाहेब	T.Y.B.A.	Deve.
२४.	सांगळे पंकज राजेंद्र	T.Y.B.A.	Sanghe.
२५.	घोडके शुभान केबाब	T.Y.B.A.	Ghodke.
२६.	आकाश प्रभाय धागुडे	T.Y.B.A.	Prakash.
२७.	१-वीरमाठ अशोक निवृत्ती	T.Y.B.A.	Chimant.
२८.	कु. वरदे वनिता बाबादेव	T.Y.B.A.	Varde.
२९.	अंता अशोक आबासाहेब	T.Y.B.A.	Anta.
३०.	कु. अनाप कोमल खंडेराव	T.Y.B.A.	Anand.
३१.	अद्याय सागर - वीरमाठ	T.Y.B.A.	Sagar.
३२.	श्रीरमाठ आशीष सोपनाथ.	T.Y.B.A.	Shirsat.
३३.	लोखंडे समीर रावसाहेब	T.Y.B.A.	Loxande.
३४.	वारदे सीदिक भाबुदास	T.Y.B.A.	Sarade.
३५.	कु. पवार भाबुरी अशोक	T.Y.B.A.	Pawar.



विभाग प्रमुख
मराठी विभाग

कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ



प्राचार्य
कला, वाणिज्य व विज्ञान महाविद्यालय
सात्रळ, ता. राहुरी, जि. अहमदनगर

लोकनेते डॉ. बाळासाहेब विखे पाटील (पद्मभूषण उपाधीने सन्मानित)
प्रवरा ग्रामीण शिक्षण संस्थेचे

कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ

ता. राहुरी, जि. अहमदनगर
शब्दालय प्रकाशन, श्रीरामपूर
आणि

मराठी विभाग

यांच्या संयुक्त विद्यमाने

दि. २७/१२/२०२१ रोजी सकाळी ठीक ९.०० वाजता आयोजित

मराठी भाषा गौरव दिन

समारोप फीडबॅक

1	Name Of the organizing college/Department :	शब्दालय प्रकाशन, श्रीरामपूर आणि मराठी विभाग	
2	Name of the activity	मराठी भाषा गौरव दिन	
3	Participants name	Pathare Bhanti gorakshendary	
4	Participants Mobile no	9665192408	
5	Faculty (Arts/Commerce/Science)	Arts	
A	Usefulness of this activity for students development:	Satisfactory ✓	Unsatisfactory
B	Was the period Sufficient for the activity	✓	
C	Organization of activity was up to mark	✓	
D	Speech of the Guest/Resource Person	✓	
E	Any other suggestions	✓	
	Signature of the Participant	BPathari	



विभाग प्रमुख
मराठी विभाग
कला, वाणिज्य व विज्ञान महाविद्यालय, सात्रळ
ता. राहुरी, जि. अहमदनगर - ४१३७१९



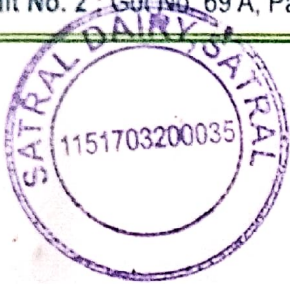
प्राचार्य
कला, वाणिज्य व विज्ञान महाविद्यालय
सात्रळ, ता. राहुरी, जि. अहमदनगर



Satral Dairy

fssai LIC No. 11517032000035

Head Office : Satral Dairy, Gat No. 184, At Satral, Post. Songaon, Tal. Rahuri, Dist. Ahmednagar 413 711 Mob. 9511991768
Unit No. 2 : Gut No. 69 A, Pangran, Tal. Navapur, Dist. Nandurbar 425418 E-mail : satraldairy@gmail.com




Date : 16.07.2018

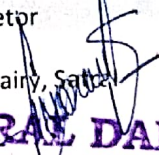
To whom so it may be concern

The faculty of commerce Arts, Commerce and Science College Satral and Satral Dairy Satral, Tal. Rahuri, Dist. Ahmednagar have collaboration for

- To impart basic business knowledge.
- To find out the hidden talent of the students.
- To enlighten the students regarding the new concepts introduced in the industrial sector.
- To create entrepreneurial awareness among students.
- To motivate student to make their mind set for taking up entrepreneurship as career.
- To enable the students to get a better understanding of Advertising and brand marketing.

It is being signed in presence of Heads of both the institutes.


I/C PRINCIPAL
Art, Commerce & Science Collage
Arts, Commerce and Science College, Satral
Tal. Rahuri, Dist. Ahmednagar

Proprietor
Satral Dairy, Satral

SATRAL DAIRY
A/Po. Satral, Tal. Rahuri
Dist. Ahmednagar 413711

Date: - 01/02/2021

To,
The Principal,
Arts, Commerce and Science College, Satral.


Subject: - Permission to organize Satral Dairy Visit for T. Y. B. Com students.

Respected Sir,

With reference to the above-mentioned subject, the final year's students of B. Com need to visit Satral Dairy, Satral. This Satral Dairy Visit aims to impart industrial operational knowledge and offer our students a valuable opportunity to gain practical experience. The proposed Satral Dairy Visit program is scheduled for 05th February, 2021.

Thanking you,

allowed
RS
11/2/21


Yours faithfully,
(Mr. V. G. Shinde)



Loknete Dr. Balasaheb Vikhe Patil
(Padma Bhushan Awardee)
Pravara Rural Education Society's,
**ARTS, COMMERCE AND SCIENCE COLLEGE,
SATRAL**
Tal.Rahuri, Dist.Ahmednagar (Pin - 413 711)

Date- 02/02/2021

To,
The Manager,
Satral Dairy, Satral,
Tal. Rahuri, Dist. Ahmednagar.

Subject: - To get permission for the Satral Dairy Visit to the students.

Respected Sir,

With reference to the above-mentioned subject, Savitribai Phule Pune University has introduced an 'Industrial Visit' program for third-year B. Com. students. The objective of the Dairy Visit is to furnish students with operational insights into the industry and acquaint them with various facets of business and commercial activities. A visit to Satral Dairy will offer students firsthand exposure to the operational dynamics of the staff. Therefore, I kindly request you to extend the opportunity of a Satral Dairy Visit to the students listed from our college (List enclosed).

Thanking you,

Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Date -03/02/2021

Student Notice

All the T. Y. B. Com students are hereby informed that the department is going to organize an **Industry Visit** on 05th February, 2021 at 10.30 am at Satral Dairy, Satral. Attendance for this visit is mandatory.

Note: -

- Students are required to have dress code and college ID cards.
- Students are also encouraged to bring notebooks and pens to take notes during the visit



Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Pravara Rural Education Society's

ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL

DEPARTMENT OF COMMERCE

Report on Industrial Visit

Name of the Visit	Industrial Visit
Place to Visit	Satral Dairy, Satral A/P- Satral, Tal. Rahuri, Dist- Ahmednagar
Date	05/02/2021
Objectives	<ul style="list-style-type: none">• To get experiential learning.• To provide students with a first-hand exposure to the intricacies of dairy production.
Name of Coordinator	Mr. V. G. Shinde
No. of Participants	30

On 05th February 2021, the last year's students of B. Com visited Satral Dairy, a Satral Dairy located in Satral. The Satral Dairy visit program provided an insightful experience into dairy farming and production processes. Participants witnessed the entire journey from milking to packaging, gaining a comprehensive understanding of quality control measures and sustainable practices. The interactive sessions with experts highlighted the significance of technological advancements in maximizing efficiency while minimizing environmental impact. Additionally, the visit emphasized the importance of animal welfare and hygiene standards in ensuring premium dairy products. Overall, the program was enlightening, fostering appreciation for the complexities of dairy production and the dedication of those involved in delivering high-quality goods to consumers. Mr. D. N. Ghane (HoD), Mr. V. G. Shinde and Dr. U. A. Tajane were made this visit successful which will definitely benefit to the students in the future.



T. Y. B. Com students at Satral Dairy...



Students observing Satral Dairy Production Unit...

Mr. V. G. Shinde
(Coordinator)

H.O.D.
Department of Commerce
Arts, Commerce & Science College, Satral.

Principal
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

Arts, Commerce and Science College, Satral

Department of Commerce

Dairy Visit Program – Satral Dairy, Satral

T.Y. B.Com Student List-2020-21

Sr. No.	Name of Student	Sign
1.	Anap Kiran Madhukar	<i>Anap Kiran</i>
2.	Anap Rupesh Bhausahab	<i>Rupesh</i>
3.	Aniket Sanjay Belkar	<i>Sanjay Belkar</i>
4.	Bhagwat Ganesh Dattatray	<i>Ganesh</i>
5.	Bhagwat Nilesh Suresh	<i>Nilesh</i>
6.	Bhor Abhishek Ratnakar	<i>Bhor Abhishek</i>
7.	Dighe Nikita Rajendra	<i>Nikita</i>
8.	Dighe Pankaj Machhindra	<i>Pankaj</i>
9.	Dighe Rushikesh Dadasahab	<i>Dighe</i>
10.	Dighe Sagar Raosaheb	<i>Sagar</i>
11.	Dighe Sanket Ashok	<i>Sanket</i>
12.	Dive Shubhangi Arun	<i>Shubhangi</i>
13.	Gagare Gayatri Sambhaji	<i>Gayatri</i>
14.	Gagare Prasad Ramkisan	<i>Prasad</i>
15.	Gagare Satyam Machhindra	<i>Satyam</i>
16.	Gholap Rushikesh Sharad	<i>Rushikesh</i>
17.	Godhade Dipali Abhiman	<i>Dipali</i>
18.	Gulave Kajal Baban	<i>Kajal</i>
19.	Harde Mahesh Tabaji	<i>Harde</i>
20.	Harde Prashant Bhausahab	<i>Harde P.B</i>



21.	Ilhe Pooja Gorkshnath	Pooja
22.	Jejurkar Saurabh Popat	Saurabh
23.	Kadam Pratiksha Babasaheb	Pratiksha
24.	Kadu Aarti Sunil	Aarti
25.	Kadu Viresh Ramdas	Viresh
26.	Khatekar Mahesh Durgaji	Khatekar
27.	Khatekar Prashant Subhash	Prashant
28.	Kothule Rahul Babasaheb	Rahul
29.	Kshirsagar Gaurav Ajay	Gaurav
30.	Lambe Deepak Machhindra	Lambe DM



[Handwritten Signature]
HOD

H.O.D.
Department of Commerce
Arts, Commerce & Science College, Satral.



Sardar Patel University Balagnat

(Established by the M.P. state Legislature Act No. 26,
Madhya Pradesh Niji Vishwavidyalaya (Sihapana Avam Sanchalan) Sanshodhan Adhinyam, 2018)

Ref.SPU/Ph.D./Ag/CH/02

Date:-10/01/2021

To,

Ms. Wagh Chhaya Vijay

Subject : Chemistry

Reg. No.- SPU2111465

Subject : Regarding the intimation of your Provisional selection in Ph.D. program
Aug 2020

Dear Candidate,

With reference to you Ph.D. Entrance Examination and subsequently based on your performance in interview held on 01/01/2021 by Sardar Patel University, I am happy to inform you that you have been selected to pursue Ph.D. program further. Please may register for Ph.D. Program (Pre Ph.D. Course work)as per given time on or before 20 January 2021 as early as possible.

Dr. Divya Parashar
In Charge, Research Department
Sardar Patel University, Balaghat



ज्ञानेन प्रकाशते जगत् ॥



LOKNEETI DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

**PADMASHRI VIKHE PATIL COLLEGE
OF ARTS, SCIENCE & COMMERCE**

PRAVARANAGAR

Ref.:PVPC/2021-22/HD/ 618/2

Date: 01/03/2021

Confirmation of Admission/ Registration

To,

Mr. Dilip Shankar Aute
A/P-Adgaon, Tal-Rahata,
Dist-Ahmednagar.

Subject: Confirmation of admission to the Ph.D. in Chemistry

Dear **Mr. Dilip Shankar Aute**, I am happy to inform you that the Research and Recognition Committee in **Subject-Chemistry** and **Faculty-Science** has approved your research topic (Ref. PGS/Ph.D/715, dated 03.02.2021) as it is as follows: "Applications of Supported Polyborate Acid Catalyst in the Synthesis of Nitrogen and Oxygen Heterocycles"
Your admission is now confirmed as per Ph.D. Rules 7 (ix). The details of your admission are:

1. Subject: Chemistry
2. Faculty: Science
3. Guide: Dr. Anil G. Gadhave
4. Date of Registration: 01/02/2020
5. Period of Registration: Six years from 01/02/2020 (SPPU Cr.No.14/2017)

Please note that your admission will be governed by the Savitribai Phule Pune University rules for the Degree of Doctor of Philosophy (Ph.D.) with effect from 01/02/2020.

Please also note you will have to pay the fees prescribed as per the following schedule: The first instalment will have to be paid within a month from the date on which your admission is confirmed. The successive instalments 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 the schedule mentioned, a late fee of Rs. 100/- for Indian students & Rs.500/-for foreign students per month from the due date of payment shall be charged.

Thanking you

Yours faithfully

Head, Place of Research
PRINCIPAL
Padamshree Vikhe Patil College
of Arts, Science & Commerce
Pravaranaagar, Ahmednagar



Copy to:

1. The Dy. Registrar (Ph.D Unit),
Savitribai Phule Pune University, Pune 411 007
2. The Guide: Dr. Anil G. Gadhave

Affiliated to Savitribai Phule Pune University, Pune - ID No. PU / AN / ASC / 016 (1971)
Accredited (3rd cycle) by NAAC at 'A' Grade with CGPA 3.11, College of Excellence Status by UGC, New Delhi
Recipient of Best Rural College Award by SPPU, Pune

Address : Loni, Tal. Rahata, Dist. Ahmednagar (M.S.) PIN : 413713
Ph No. : (Office) +91-2422-273425, 273426 | Website : www.pravara.in | Email - principal.pvploni@pravara.in



B. P. H. E. SOCIETY'S

AHMEDNAGAR COLLEGE, AHMEDNAGAR

A Christian Minority Institution

Affiliated to Savitribai Phule Pune University. Id No. PU/AN/ASC/01/1947

Dr. R. J. Barnabas

Principal

- 'B++' Grade Accreditation by NAAC, Bangalore
- 'College with Potential for Excellence' Award by the UGC, New Delhi
- 'Best College' Award by the Savitribai Phule Pune University
- 'Educational Excellence Award' by the Brands Academy, New Delhi
- 'Most Promising Educational Institute in Maharashtra' by Worldwide Achievers, New Delhi
- 'International Quality Award for Excellence in Higher Education' by Brands Impact
- 'Best College in Maharashtra for Innovative Educational Programs' by APS Research and Media
- 'The Most Promising Degree College in West India' by Prime Time Research Media Pvt. Ltd.
- A.I.S.H.E. Code : C-41242

ACA/Ph.D/Geog/21

29th July 2021

Appendix 'D'

CONFIRMATION OF ADMISSION/REGISTRATION

To,
Mr. Bhadakwad Rohidas Sampat

Subject: Confirmation of admission to the Ph.D. in Geography vide University letter No. PGS/Ph.d/2211 dt. 10/07/2021.

I am happy to inform you that the Research and Recognition Committee of Geography (Science and Technology Faculty) has approved your research topic as it is as follows:

"Comparative Assessment of Tourism Development in Aurangabad and Ahmednagar Districts of Maharashtra."

Your admission is now confirmed as per Ph.D. rules 7 (ix). The details of your admission are:

Subject	: Geography
Faculty	: Science and Technology
Guide	: Dr. S. N. Nikam
Co-Guide	: -----
Date of Registration	: 08. 03. 2018
Period of Registration	: from 08. 03. 2018 to 07. 03. 2024.

Please note that your admission will be governed by the Savitribai Phule Pune University rules for the degree of Doctor of Philosophy (Ph.D). with effect from 11th July, 2009.

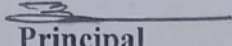
Please also note that you will have to pay the fees prescribed as per the following schedule:

The first installment will have to be paid within the month from the date on 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 the schedule mentioned, a late fee of Rs. 100/- for Indian students and Rs. 500/- for foreign students per month from the due date of payment shall be charged.


Head

Professor & Head

Department of Geography
Ahmednagar College, Ahmednagar.


Principal

Principal

Ahmednagar College
VJS Ahmednagar

Copy to,

The Dy. Registrar (Ph.D. Unit), Savitribai Phule Pune University, Pune - 411 007.

The Guide; Dr. S. N. Nikam

The Head, Research Centre in Geography, Ahmednagar College, Ahmednagar - 414 001.



Government of Maharashtra
Government Vidarbha Institute of Science And Humanities

Amravati 444 604 (India)
NAAC Accreditation: 'A' Grade with 3.32 CGPA

शासकीय विदर्भ ज्ञान विज्ञान संस्था

जावक क्र. 61
दिनांक 10/1/2022



Director
Dr. Anjali Deshmukh
e-mail: director@gvishamt.org

Office Phone No
0721 - 2531704, 2531706
Affiliation: SantGadge Baba
Amravati University, Amravati
University College Code : 101

Website: www.gvishamt.org

UGC 2 f, 12(B)

मा. संचालक,
परीक्षा व मूल्यमापन मंडळ,
संत गाडगे बाबा अमरावती विद्यापीठ,
अमरावती

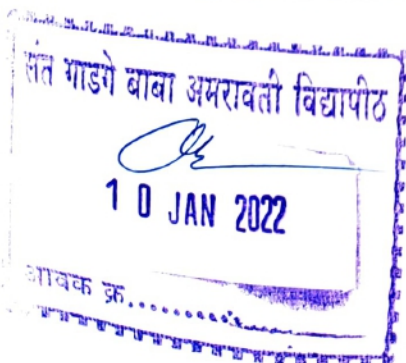
संदर्भ: क्र.संगाबाअवि/पीएचडी/245/2021, दिनांक 29.12.2021

विषय: आचार्य पदवी करिता प्रवेशित शैक्षणिक सत्र 2020-21 (एम. फिल. धारक) व कोर्सवर्क परीक्षा
2021 उत्तीर्ण संशोधन कर्त्याचे आचार्य पदवी नोंदणीबाबत,

महोदय,

उपरोक्त विषयाच्या अनुषंगाने खालील संशोधन कर्त्याचे आवेदन पत्र, नोंदणी शुल्क पावती
रुपये 2000/- तसेच शैक्षणिक पात्रतेचे सर्व दस्तऐवज व स्वतंत्र शोधप्रबंधांची रूपरेषा (सात प्रतीमध्ये)
आचार्य पदवी नोंदणीकरिता सादर करित आहेत.

अ.क्र.	संशोधन कर्त्याचे चे नाव	विषय & विद्याशाखा	शुल्क पावती क्रमांक व दिनांक
01	Syed Samiuddin Syed Riyazuddin	Chemistry (Science & Technology)	0112131 Dt. 07/01/2022
02	Mr. Prashant L Harale.	Chemistry (Science & Technology)	Dt. 10/01/2022
03	Mr. Nilesh S.Padole	Chemistry (Science & Technology)	0107705 Dt. 10/01/2022



संचालक
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अमरावती.