

Rayat Shikshan Sanstha's,

KARMAVEER BHURAO PATIL MAHAVIDYALAYA, PANDHARPUR (AUTONOMOUS)



Est. : 1960

Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Karmaveer Path, PANDHARPUR - 413304, Dist. Solapur (MAH)

Jr. College Index No. : J 24.08.001

U-DISE No.: 27300810371

☎ Office : (02186) 223104 * E-mail : kbppandharpur@gmail.com * Website : www.kbpmautonomous.in

Founder : **Padmabhushan Dr. Karmaveer Bhaurao Patil**, D.Lit.

NAAC Grade
'A+' With 3.51 C.G.P.A.
(Since 2017)

DST FIST Scheme
Government of India
(Since 2013)

Best College Award
P. A. H. Solapur University, Solapur and
Rayat Shikshan Sanstha, satara
(2015)

U.G.C.
C.P.E. Status
(2017-18)

U.G.C.
PARAMARSHA Scheme
(2019-20)

Ref. No. 1482/23-24

Date : 18/12/2023

Prin. Dr. C. J. Khilare M.Sc., M.Phil., Ph.D.

To
The Co-ordinator,
Avishkar Research Convention Innovation,
Incubation and Linkage,
Punyashlok Ahilyadevi Holkar
Solapur University, Solapur.

Subject:- Information about Avishkar research convention at College level

Respected Sir,

With reference to the subject noted above I am sending herewith the detail report, photographs, list of participants and all the required documents of the college level Avishkar research convention organized on 25th Nov 2023 at Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur.

! Please do the needful.

Thanking you

Co-ordinator Avishkar



Principal
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY

Aavishkar Research Convention

Details of Teacher Co-ordinator

Name of the College /Department	: Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
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To,
The Coordinator,
AAVISHKAR Research Convention,
Innovation, Incubation and Linkage
Punyashlok Ahilyadevi Holkar
Solapur University, Solapur,

Subject: Information of 'Teacher Co-ordinator' Nominated for Aavishkar Research Convention 2023-24.

Dear Sir / Madam,

With reference to above mentioned subject, I am glad to communicate information of 'Teacher Co-ordinator' nominated to conduct different activities related to Aavishkar Research Convention 2022-23.

Name of the Teacher	: Dr. Neha Dhanajirao Desai
Designation	Assistant Professor
Name of the College / Department	Department of Chemistry, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur 413304
Residential Address	Flat No.3, Ekdant Apartment, Dnyanganga Society, Manisha Nagar, Pandharpur

Telephone No.	:
Mobile No.	: 8975999507
WhatsApp No.	: 8975999507
email	: nehadesai323@gmail.com

Place: Pandharpur.
Date: 28/11/2023.



With Regards,

Shilasa
Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

**PUNYASHLOK AHILYADEVJI HOLKAR
SOLAPUR UNIVERSITY**

Aavishkar Research Convention

Consolidated Entry Form

Details of College, Principal, Teacher Co-ordinator.

Name of the College / Department **Karmaveer Bhaurao Patil Mahavidyalaya
Pandharpur 413304**

Address of the College /
Department

Telephone No/s of the College /

: 02186-223104

Department

email of the College / Department

: kbppandharpur@gmail.com

Name of the Principal / Director / Head	:	Dr.C.J.Khilaré
Mobile No. of the Principal / Director / Head	:	9423802920
WhatsApp No. of the Principal / Director / Head	:	9423802920
email of the Principal / Director / Head	:	kbppandharpur@gmail.com

Name of the Teacher Co-ordinator	:	Dr.Neha Dhanajirao Desai
Mobile No. of the Teacher Co-ordinator	:	8975999507
WhatsApp No. of the Teacher Co-ordinator	:	8975999507
email of the Teacher Co-ordinator	:	nehadesai323@gmail.com

List of Winners at College level Avishkar

Sr.No.	Name of the Participants	Level	Discipline
1.	Tanuja Jadhav Sayali Bhute	UG	Pure Sciences
2.	Narkhedkar Prajakta Dnyaneshwar	UG	Pure Sciences
3	Suvarana Maruti Davare	PG	Pure Sciences
4	Mulani Tabassum Chandulal	PPG	Pure Sciences
5	Bagal Shivaji Navnath	PPG	Medicine and Pharmacy
6	Chandanshive Aniket Ashok	PPG	Medicine and Pharmacy
7	Chavan Pooja Vishnu	PG	Medicine and Pharmacy
8	Pawar Prasad Parmeshwar	PG	Medicine and Pharmacy
9	Kedar Aditya Hanmant	UG	Commerce and Management
10	Pawar Shrutika Tanaji	PG	Commerce and Management
11	Jagdale Kishor Vithoba	UG	Agriculture and Animal Husbandry
12	Yadav Prathmesh Sanjay	PG	Agriculture and Animal Husbandry
13	Chavan Pooja Vishnu	PG	Agriculture and Animal Husbandry
14	Snehal Dattatrya Patil P A Kaulage	PG	Engineering & Technology
15	Mane Ankita Dnyaneshwar	UG	Engineering & Technology
16.	Vyavahare Rajesh Shivaji More T.S.	UG	Engineering & Technology
17	Chavan Dhanshree Appasaheb	UG	Engineering & Technology
18	Waghmare Shyamrao Dnyanoba	PPG	Arts, Humanities and Languages
19	Bhange Sarika Manohar	PPG	Arts, Humanities and Languages



(Signature)

Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, PANDHARPUR
(Autonomous)

Research and Development Cell and Student Teacher Research Cell
Jointly Organizes

Report on Innovative Research Fest 2023-24
(MINI AVISHKAR)

Under RUSA Component-8 and Management Development Program

The Innovative Research Fest 2023-24 was organized on 25th November 2023 by Research and Development Cell and Student Teacher Research Cell under RUSA component 8 and Management Development Program. The main objective of this research fest is to inculcate research culture among the students. In addition to this encourage them further to convert their ideas into physical reality. It is great opportunity to all the students to showcase their research ideas and improve their communication skills. With this purpose we have organized this program. The Innovative research Fest 2023-24 was carried out in three sessions.

- i) First Session – Inauguration of Innovative Research Fest
- ii) Second Session- Evaluation of Poster and Model
- iii) Third Session- Prize distribution of Mini Avishkar

The inauguration of the poster and model presentation was done at 11.30 am on 25th November 2023. The inauguration of poster presentation was done by the auspicious hands of Dr. M.T.Bachute, Principal Shriram Mahavidyalaya Paniv. While inauguration of model presentation was done by the auspicious hands of Dr. Pralhad Mane, Head Department of Sociology at Shivaji University Kolhapur. All the examiners were also present for the said inauguration.

The second session started with poster/model presentation.

The innovative research fest was organized in six disciplines i.e.

- 1) Arts, Humanities and Languages
- 2) Commerce, Management and Law
- 3) Pure Sciences
- 4) Agriculture and Animal Husbandry

- 5) Engineering and Technology
- 6) Medicine and Pharmacy

In each discipline competition is organized for 3 levels. i.e.

- a) undergraduate (UG)
- b) Post graduate (PG)
- c) Post PG (PPG)

We have received total 100 entries for this competition. There were 54 posters and 34 models for the competition. Total 10 examiners were invited for the evaluation of posters and models. From each discipline first two ranks were selected for the university level. The list of examiners is as follows

- 1) Dr. V.N.Shinde (Chief Guest)
- 2) Dr.M.T.Bachute
- 3) Dr.Rekha Deokar
- 4) Mrs. Dipali Ghatge
- 5) Dr.Prahlad Mane
- 6) Dr.Suyog Amrutrao
- 7) Dr.Lokade Bhagwan
- 8) Dr.Somnath Thigale
- 9) Dr.A.H.Bobade
- 10)Dr.N.V.Shinde
- 11)Dr.Tanaji Mane

The third session was prize distribution of innovative research fest. The introductory speech was given by Dr. N. D. Desai, Co-ordinator for Research and Development Cell. She explained the brief overview about Innovative Research Fest. The The chief guest for the prize distribution ceremony was Dr. V.N.Shinde, Registrar Shivaji University Kolhapur. The introduction of Chief guest was given by Dr.S.S.Mane , Head Department of English. In the chief guest's address, he stated the importance of research and Avishkar. He further stated the contribution of women in science. He has given emphasis on the Indian knowledge system as well as multidisciplinary research. He elaborated the significance of Nobel prize.

Further Prin. Dr. C. J. Khilare was president for the prize distribution function. He discussed about the importance of National Education Policy 2020. Further he added that research should be beneficial for the society. We should avoid the destructive nature in the field of research. He explained how Alfred Nobel started the Nobel Prize after realization of his discovery. The program was ended by vote of thanks. The vote of thanks was given by Dr. B. B. Shitole, Dean and Vice principal for commerce faculty. The anchoring of program was done by Mrs. Naiknaware.



Dr. Neha Desai
Coordinator



K. B. P. Mahavidyalaya, Pandharpur
Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, PANDHARPUR
(Autonomous)
Innovative Research Fest 2023-24
(MINI AVISHKAR)
Under RUSA Component-8 and Management Development Program



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
(Autonomous)
(Affiliated To Purnyashlok Ahilyadevi Holkar Solapur University Solapur)

**"Inaugural Function of Science Association &
Prize Distribution of Mini Avishkar"**

Under aegis of RUSA Component – 8
And management development programme

Table Programme

Date: 25/11/2023

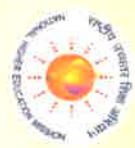
Time- 03:30 pm onwards

- > Pratiima Poojan and watering the plant:
- > Introductory Speech : Dr. N. D. Desai
(Coordinator, Avishkar and research development cell)
- > Guest Introduction: Dr. S. S. Mane
(Head, Dept. of English)
- > Felicitation of guest and president :
 1. Chief guest: Hon. Dr. V.N. Shinde
(Registrar, Shivaji University Kolhapur)
 2. President: Prin. Dr. C.J. Khilare
(Principal, K.B.P. College Pandharpur)
- > Chief Guest Speech : Hon. Dr. V.N. Shinde
(Registrar, Shivaji University Kolhapur)
- > Prize distribution : Prin. Dr. C.J. Khilare
(Principal, K.B.P. College Pandharpur)
- > Vote of thanks: Dr. B.B. Shitole
(Dean and vice principal of commerce)
- > Anchoring: Smt. B.B. Naikamawara,
(Asst. Prof. Department of Botany)



Rayat Shikshan Sanstha's

KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, PANDHARPUR
(Autonomous)



(Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur)
Research & Development Cell and Student Teacher Research Cell
organises

Innovative Research Fest 2023-24 (Mini Avishkar)
Under RUSA Component 8 & MDP

CERTIFICATE

This is to certify that Mr./Mrs./Miss
has participated in "Innovative Research Fest 2023-24" on Saturday, 25th November 2023 and
secured rank from discipline. The said program is organized under
Avishkar Research Program, Karmaveer Bhauroo Patil Mahavidyalaya, Pandharpur, Dist.-Solapur.

Chairman Student-Teacher Research Cell
Co-ordinator Avishkar & Research & Development Cell
Mr. Y.A. Pathak Co-ordinator, RUSA
Dr. C.J. Khilare Principal



Rayat Shikshan Sanstha's

KARMAVEER BHARAO PATIL MAHAVIDYALAYA, PANDHARPUR

(Autonomous)

(Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur)

Innovative Research Fest (2023) (Mini Avishkar)

Under the aegis of RUSA Component 8 and Management Development Program

Organized by

Research & Development Cell

and

Student Teacher Research Cell

Date : 25th Nov. 2023 Time : 11.00 a.m. To 5.00 p.m.



Dr.C.J.Khilare

Principal
Karmaveer Bhaurao Patil Mahavidyalaya,
Pandharpur (Autonomous), Dist.-Solapur

Dr.A.U.Chopade
Dean, Faculty of Science

Prof.R.J.Kavade
Vice Principal (Science)

Prof.Dr.B.B.Shitole
Vice Principal (Commerce)

Prof.Dr.B.S.Balwant
Dean, Faculty of Arts

Prof.Dr.B.S.Naiknaware
Vice Principal (Arts)

Mr.Y.A.Pathak
Coordinator, RUSA

Dr.C.N.Kale
Coordinator, RUSA

Dr.A.B.Kamble
Coordinator, IQAC

Prof.Dr.S.S.Mane
Co-coordinator, IQAC

Dr.N.D.Desai
Co-ordinator,
Avishkar &
Research & Development Cell

Dr.B.S.Londhe
Chairman,
Student Teacher Research Cell

Annexure No.3


Undertaking by the Participating Student (To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K.B.P.M. Pandharpur.
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Pawar Prasad Parmeshwar
Name of the College / Institute / School of the University	Karmareer Bhaurao Patil Mahavidyalaya, Pandharpur
Category	Medicine & Pharmacy
Level	PG
Mobile No. of the Student Participant	9022638392
Date	29/11/2023
Signature of the Student Participant	

Annexure No.4


Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalay, Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Parmeshwar Vishnu Pawar
Mobile No. of the Parent / Guardian	8446192191
Name of the Student Participant	Pawar Prasad Parmeshwar
Mobile No. of the Student Participant	9022638392
Name of the College / Institute / School of the University	K.B.P.M. Pandharpur
Category	Medicine & Pharmacy
Level	PG
Date	29/11/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Pawar Prasad Parmeshwar
Name of the College/Institute/Department of the Student Participant	K. B. P. M. Pandharpur Botany Department
Name of the University	P. A. H. S. U. Solapur.
Mobile No. of the Student Participant	9022638392
Programme	M. Sc II Botany
Semester	III
Specialization	Botany
PRN No./Registration No. given by the University	202210613
Roll No.	7360



Date: 29/11/2023

(Seal of the College/Institute/University Department)

Place: Pandharpur.

Head

Department of Botany
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur


Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Annexure No.6

Physical Fitness Certificate

(To be given by the Medical Practitioner)

I do hereby certify that, I have examined the below mentioned person and find him/her fit for participation in Aavishkar: Research Convention. He/She is not suffering from any communicable or chronic disease, which may cause any hindrance due to his/her participation in Aavishkar: Research Convention.

Name of the Student Participant	Pawar Prasad Parmeshwar
Mobile No. of the Student Participant	9022638392

Name of the Medical Practitioner	
Address of the Medical Practitioner	
Contact No. of the Medical Practitioner	

Date: 29/11/2023

Place: Pandharpur

Signature of the Medical Practitioner
with Seal and Registration No.

Annexure No.7

Verification Certificate

(To be given by the Director, Students' Development/Welfare
or Director, Innovation, Incubation and Linkages of the Participating University)

It is certified that the student mentioned below is a bona fide student of the below mentioned College/Institute/Department of the University.

Name of the Student Participant	Pawar Prasad Parmeshwar
Name of the College/Institute/Department of the Student Participant	K.B.P.M. Pandharpur. Botany Department
Name of the University	P.A.H.S.U. Solapur.
Mobile No. of the Student Participant	9022638392,
Programme	M.Sc. - II
Semester	III
Specialization	Botany
PRN No./Registration No. given by the University	202210613
Roll No.	7360
Category	Medicine & Pharmacy
Level	PG

The information and documents provided by the student participant are verified by me and they are found correct.

Date: 29/11/2023

(Seal of
the Department)

Place: Pandharpur.

Signature of the Director,
Students' Development/
Welfare or
Director, Innovation, Incubation and
Linkages of the Participating
University

FORMAT FOR SUBMISSION OF ABSTRACT

Category	Medicine & pharmacy	Level	PG
Title			

Abstract:

Keywords

● Guidelines for the Preparation of Abstract

- Submit the abstract of each research project along with concern Project Entry Form. Do not write name of the participant or the college on the abstract.
- The abstract should be unstructured without any subtitles. It should introduce the topic, research methodology and results, etc. References should not be included in the abstract. The maximum length of the abstract should be 200 words.
- The title of the research project must have suitable title not more than 2 lines in Bold Times New Roman / Devnagari with size 12 and 1 line spacing.
- Prepare abstract in MS word, Times New Roman / Devnagari font with size 12 and 1.5 line spacing on A4 paper size.

Mode of Convention

- (1) The convention shall be conducted in two rounds-
 - (A) **Poster and/or Model Presentation Round**
 - a) Every research project shall be presented in the form of Poster and/or Model.
 - b) The time for Poster and/or Model presentations shall be 3 minutes followed by the discussion of not more than 3 minutes. However, there shall not be disqualification of the participant if the time exceeds.
 - c) These selected research projects shall be allowed for podium presentation.
 - (B) **Podium Presentation / Power Point Presentation Round**
 - a) These selected research projects shall be presented in the form of podium presentation.
 - b) Each research project shall be presented in a maximum of 7 minutes. A warning bell shall be given in the 6th minutes. The participant has to finish the presentation in the given time. In case, if the time is exceeded, the research project shall be disqualified. However, 15 seconds grace period shall be allowed.
 - c) The presentations shall be followed by the discussion not exceeding more than 3 minutes.
 - d) In the discussion only judges are allowed to ask the questions to the participant.
 - e) The results shall be announced at the Prize Distribution Ceremony.

(2) Language of Presentation

... shall be presented in Marathi or Hindi or English language.

Category	Medicine and Pharmacy
Title	Phytochemical analysis of anti-diabetic plant <i>Caralluma adscendens</i> .
Level	PG

Abstract-

This plant is known for various bioactive compounds like flavonoids, saponins, alkaloids, and more. Its analysis often focuses on identifying and quantifying these compounds, assessing their potential pharmacological activities or health benefits. *Caralluma adscendens* is a succulent plant found in various regions across India, Africa, Saudi Arabia, and the Mediterranean. It typically thrives in arid climates, often found in semi-desert areas, rocky slopes, and dry regions. The plant has adapted to survive in harsh conditions and is known for its traditional medicinal uses and potential appetite-suppressing properties.

This study was extended by analyzing the potent bioactive compounds in the methanolic extract of *Caralluma adscendens* Wall using GC-MS. The analysis revealed that *Caralluma adscendens* Wall contains mainly n-Hexadecanoic acid (44.23%) and oleic acid (21.08%). Medicinal potential of these compounds needs further research on toxicological aspects to develop safe drug.

Caralluma adscendens, commonly known as "*Caralluma fimbriata*," has been traditionally used in some cultures as a natural remedy for various health issues, including diabetes. Some research suggests it might have potential in managing blood sugar levels, but more studies are needed to fully understand its effectiveness and safety for treating diabetes. Always consult with a healthcare professional before using any herbal remedies, especially if you have diabetes or any other health condition.

Key words:-Bioactive, Flavonoids, Pharmacological, Diabetes.

Annexure No.3


Undertaking by the Participating Student (To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K.B.P.M. Pandharpur.
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Bagal Shivaji Narnath
Name of the College / Institute / School of the University	K.B.P.M. Pandharpur
Category	Medicine & Pharmacy
Level	PPG
Mobile No. of the Student Participant	9922129217
Date	18/12/2023
Signature of the Student Participant	

Annexure No.4

Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K.B.P.M. Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Bagal Shivaji Namath Bajrang
Mobile No. of the Parent / Guardian	9922129217
Name of the Student Participant	Bagal Shivaji Namath
Mobile No. of the Student Participant	9922129217
Name of the College / Institute / School of the University	K.B.P.M. Pandharpur
Category	Medicine & Pharmacy
Level	PPG
Date	18/12/2023
Signature of the Parent / Guardian	बागल शिवजी नामथ

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Bagal Shivaji Namath
Name of the College/Institute/Department of the Student Participant	K.B.P.M. Pandharpur
Name of the University	P.A.H.S.V. Solapur
Mobile No. of the Student Participant	992249217
Programme	M.Phil
Semester	—
Specialization	Botany
PRN No./Registration No. given by the University	—
Roll No.	—



(Seal of the College/Institute/University Department)

Head
Department of Botany
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Date:

18/12/2023

Place:

Pandharpur.


Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Category	Medicine and Pharmacy
Title	Studies on Antimicrobial and Antiradical Activities of Pomegranate Peel
Level	PPG

Abstract :

The present study evaluates the antioxidant and antibacterial activities of methanolic extract of pomegranate (*Punica granatum* L.) peel. The antibacterial activity of a pomegranate peel was assessed against a bacterial strain, *Streptomyces* sp. It is Revealed that a healthy peel of pomegranate showed maximum inhibition 35.59 % as compare to premature peel 6.41% and infected peel 11.32 %. The radicals scavenging potential of pomegranate peel was carried out by DPPH assay. The results indicate that healthy pomegranate peels had an optimum inhibition of 77.34%, compared to 69.53 % in infected peels and 47.26 % in premature peels.

Key Words: Antibacterial activity, Antioxidant activity, Pomegranate.

Annexure No.3

Undertaking by the Participating Student


(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K. B. P. M. Pandharpur
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Mr. Chandanshiv Aniket Ashok
Name of the College / Institute / School of the University	Karrajaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Category	Medicine & Pharmacy
Level	PPG
Mobile No. of the Student Participant	9975876636
Date	18/12/2023
Signature of the Student Participant	

Annexure No.4


Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K.B.P.M. Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Mr. Chandan Shive Aniket Ashok Shivram
Mobile No. of the Parent / Guardian	8668656470
Name of the Student Participant	Mr. Chandan Shive Aniket Ashok
Mobile No. of the Student Participant	9975876636
Name of the College / Institute / School of the University	K.B.P.M. Pandharpur
Category	Medicine & Pharmacy
Level	PPG
Date	18/12/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Mr. Chandanshive Aniket Ashok
Name of the College/Institute/Department of the Student Participant	K.B.P.M. Pandharpur
Name of the University	P.A.H.S.U. Solapur
Mobile No. of the Student Participant	9978 876636
Programme	Ph.D.
Semester	—
Specialization	Botany
PRN No./Registration No. given by the University	—
Roll No.	—



Date: 18/12/2023

(Seal of the College/Institute/University Department)

Place: Pandharpur

Head

Department of Botany
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur

Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Category	Medicine and Pharmacy
Title	DETECTION OF ANTI-CANCER PROPERTIES & GCMS ANALYSIS OF <i>GANODERMA LUCIDUM</i> KARST
Level	PPG

ABSTRACT

Ganoderma lucidum, commonly referred to as Lingzhi, has been used in Asia for health promotion for centuries. The anti-cancer effects of *G. lucidum* have been demonstrated in both *in vitro* and *in vivo* studies.

The main two bioactive components of *G. lucidum* can be broadly grouped into triterpenes and polysaccharides. Despite triterpenes and polysaccharides being widely known as the major active ingredients, the different biological pathways by which they exert their anti-cancer effect remain poorly defined. The aim of this work is to summarize the various bioactive mechanisms that have been proposed for the anti-cancer properties of triterpenes and polysaccharides extracted from *G. lucidum*.

We have found five potential mechanisms which are associated with the anticancer activities of triterpenes and three potential mechanisms for polysaccharides. In this research work we present several potential anti-cancer mechanisms of triterpenes and polysaccharides which can be used for the development of *Ganoderma* as an anti-cancer agent.

Keywords: *Ganoderma lucidum*, cancer, bioactive pathways, triterpene, polysaccharide

Annexure No.3

Undertaking by the Participating Student


(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Chavan Pooja Vishnu.
Name of the College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Category	Agriculture & Animal Husbandary.
Level	PG
Mobile No. of the Student Participant	8625056274
Date	30/11/2023
Signature of the Student Participant	

Annexure No.4

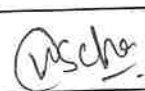
Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Vishnu Shankar Chavan.
Mobile No. of the Parent / Guardian	9763250495
Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274
Name of the College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Category	Agriculture & Animal Husbandary.
Level	PG
Date	30/11/2023
Signature of the Parent / Guardian	

Annexure No.6
Physical Fitness Certificate
(To be given by the Medical Practitioner)

I do hereby certify that, I have examined the below mentioned person and find him/her fit for participation in Aavishkar: Research Convention. He/She is not suffering from any communicable or chronic disease, which may cause any hindrance due to his/her participation in Aavishkar: Research Convention.

Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274

Name of the Medical Practitioner	
Address of the Medical Practitioner	
Contact No. of the Medical Practitioner	

Date: 30/11/2023

Place: Pandharpur

Signature of the Medical Practitioner
with Seal and Registration No.

Annexure No.6
Physical Fitness Certificate
(To be given by the Medical Practitioner)

I do hereby certify that, I have examined the below mentioned person and find him/her fit for participation in Aavishkar: Research Convention. He/She is not suffering from any communicable or chronic disease, which may cause any hindrance due to his/her participation in Aavishkar: Research Convention.

Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274

Name of the Medical Practitioner	
Address of the Medical Practitioner	
Contact No. of the Medical Practitioner	

Date: 30/11/2023

Place: Pandharpur

Signature of the Medical Practitioner
with Seal and Registration No.

Annexure No.7

Verification Certificate

(To be given by the Director, Students' Development/Welfare
or Director, Innovation, Incubation and Linkages of the Participating University)

It is certified that the student mentioned below is a bona fide student of the below mentioned College/Institute/Department of the University.

Name of the Student Participant	Chavan Pooja Vishnu.
Name of the College/Institute/Department of the Student Participant	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur Department of Botany.
Name of the University	P. A. H. S. U. Solapur.
Mobile No. of the Student Participant	8625056274
Programme	M.Sc. - II
Semester	III
Specialization	Botany
PRN No./Registration No. given by the University	202211303
Roll No.	7353
Category	Agriculture & Animal Husbandry
Level	PG

The information and documents provided by the student participant are verified by me and they are found correct.

Date: 30/11/2023

(Seal of
the Department)

Place: Pandharpur

Signature of the Director,
Students' Development/
Welfare or
Director, Innovation, Incubation and
Linkages of the Participating
University

Category	Agriculture and Animal Husbandry
Title	Bio-Nuvan : An Eco-friendly Approach For Pest Control
Level	PG

Abstract :

Present work represents the biocontrol on the pests and insects diseases on the fruiting vegetables. Bio-nuvan are formulations derived from naturally occurring compounds that manage pests through non-toxic and environmentally favorable means product. It is recorded that the excellent results on the various pests and insect diseased fruiting crops. This agricultural product represents less of a risk to the environment and to human health.

It explores the innovative integration of bio-control methods to manage pests sustainably. This study delves into the development and application of Bio-Nuvan, a nature-inspired solution aimed at effectively controlling pests while minimizing environmental impact. By combining natural elements with cutting-edge technology, this approach presents a promising avenue for eco-conscious pest management strategies, fostering a healthier and more sustainable environment.

Keywords : Biocontrol, Bionuvan, Pesticides.

Annexure No.3

Undertaking by the Participating Student

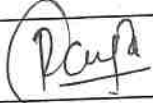
(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Chavan Pooja Vishnu
Name of the College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Category	Medicine & Pharmacy
Level	PG
Mobile No. of the Student Participant	8625056274
Date	30/11/2023
Signature of the Student Participant	

Annexure No.4

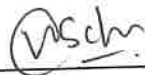
Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Vishnu Shankar Chavan
Mobile No. of the Parent / Guardian	9763250495
Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274
Name of the College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Category	Medicine + Pharmacy
Level	PG
Date	30/11/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Chavan Pooja Vishnu.
Name of the College/Institute/Department of the Student Participant	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur Department of Botany
Name of the University	P. A. H. S. U. Solapur.
Mobile No. of the Student Participant	8625056274
Programme	M.Sc. - II
Semester	III
Specialization	Botany
PRN No./Registration No. given by the University	202211303
Roll No.	7353

Date: 30/11/2023

(Seal of the College/Institute/University Department)

Place: Pandharpur

Head
Department of Botany
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur

Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Annexure No.6

Physical Fitness Certificate

(To be given by the Medical Practitioner)

I do hereby certify that, I have examined the below mentioned person and find him/her fit for participation in Aavishkar: Research Convention. He/She is not suffering from any communicable or chronic disease, which may cause any hindrance due to his/her participation in Aavishkar: Research Convention.

Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274

Name of the Medical Practitioner	
Address of the Medical Practitioner	
Contact No. of the Medical Practitioner	

Date: 30/11/2023

Place: Pandharpur.

Signature of the Medical Practitioner
with Seal and Registration
No.

Annexure No.6

Physical Fitness Certificate

(To be given by the Medical Practitioner)

I do hereby certify that, I have examined the below mentioned person and find him/her fit for participation in Aavishkar: Research Convention. He/She is not suffering from any communicable or chronic disease, which may cause any hindrance due to his/her participation in Aavishkar: Research Convention.

Name of the Student Participant	Chavan Pooja Vishnu.
Mobile No. of the Student Participant	8625056274

Name of the Medical Practitioner	
Address of the Medical Practitioner	
Contact No. of the Medical Practitioner	

Date: 30/11/2023

Place: Pandharpur.

Signature of the Medical Practitioner
with Seal and Registration No.

Annexure No.7

Verification Certificate

(To be given by the Director, Students' Development/Welfare
or Director, Innovation, Incubation and Linkages of the Participating University)

It is certified that the student mentioned below is a bona fide student of the below mentioned College/Institute/Department of the University.

Name of the Student Participant	Chavan Pooja Vishnu.
Name of the College/Institute/Department of the Student Participant	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur Department of Botany
Name of the University	P. A. H. S. U. Solapur.
Mobile No. of the Student Participant	8625056274
Programme	M.Sc. - II
Semester	III
Specialization	Botany
PRN No./Registration No. given by the University	202211303
Roll No.	7353
Category	Medicine & Pharmacy
Level	PG

The information and documents provided by the student participant are verified by me and they are found correct.

Date: 30/11/2023

(Seal of
the Department)

Place: Pandharpur

Signature of the Director,
Students' Development/
Welfare or

Director, Innovation, Incubation and
Linkages of the Participating
University

FORMAT FOR SUBMISSION OF ABSTRACT

Category	Medicine & Pharmacy	Level	PG
Title			

Abstract:

Keywords

● Guidelines for the Preparation of Abstract

- Submit the abstract of each research project along with concern Project Entry Form. Do not write name of the participant or the college on the abstract.
- The abstract should be unstructured without any subtitles. It should introduce the topic, research methodology and results, etc. References should not be included in the abstract. The maximum length of the abstract should be 200 words.
- The title of the research project must have suitable title not more than 2 lines in Bold Times New Roman / Devnagari with size 12 and 1 line spacing.
- Prepare abstract in MS word, Times New Roman / Devnagari font with size 12 and 1.5 line spacing on A4 paper size.

Mode of Convention

- (1) The convention shall be conducted in two rounds-
 - (A) **Poster and/or Model Presentation Round**
 - a) Every research project shall be presented in the form of Poster and/or Model.
 - b) The time for Poster and/or Model presentations shall be 3 minutes followed by the discussion of not more than 3 minutes. However, there shall not be disqualification of the participant if the time exceeds.
 - c) These selected research projects shall be allowed for podium presentation.
 - (B) **Podium Presentation / Power Point Presentation Round**
 - a) These selected research projects shall be presented in the form of podium presentation.
 - b) Each research project shall be presented in a maximum of 7 minutes. A warning bell shall be given in the 6th minute. The participant has to finish the presentation in the given time. In case, if the time is exceeded, the research project shall be disqualified. However, 15 seconds grace period shall be allowed.
 - c) The presentations shall be followed by the discussion not exceeding more than 3 minutes.
 - d) In the discussion only judges are allowed to ask the questions to the participant.
 - e) The results shall be announced at the Prize Distribution Ceremony.

(2) Language of Presentation

... shall be presented in Marathi or Hindi or English language.

Category	Medicine and Pharmacy
Title	Effect of Plant Extract on Fungal Skin Infection
Level	PG

Abstract :

Medicinal plants have been used against various fungal diseases from thousands of years, and 80% of the worldwide population still depends on herbal medicines. The medicinal plants *Ocimum sanctum* L., *Convolvulus arvensis* L., *Bacopa monnieri* L., *Aloe vera* L., *Citrus medica* L., etc. are a few samples of plants that have been effectively used against fungal skin diseases. This natural source has generously provided us with bioactive molecules, such as eugenol, rosmarinic acid, artemetin, lupeol, hypericin, hydroquinone, epicatechin, and curcumin which have been used against acne, atopic dermatitis, skin cancer, and skin pigmentation disorders.

In the present investigation the above mentioned important medicinal plants are used against fungal skin infection on human skin. The alcoholic extract of these plant species was prepared and used in combination for fungal skin infection treatment. Thus mixed solution was directly applied on the fungal infected area thrice per day. After 10-12 days it is observed that 100% cure of the fungal skin infection.

Keywords : Antifungal, Bioactive, Ethnomedicine, Medicinal plants.

Annexure No.3

Undertaking by the Participating Student

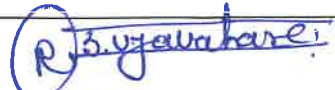
(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	KBP College Pandharpur
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Rajesh Shivaji Yavahare
Name of the College / Institute / School of the University	KBP College Pandharpur
Category	Engineering and Technology
Level	UG
Mobile No. of the Student Participant	7666032203
Date	
Signature of the Student Participant	

Annexure No.4

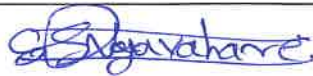
Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	KBP College Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent /Guardian	Shivaji Somanath Jyavhare
Mobile No. of the Parent/Guardian	8793014421
Name of the Student Participant	Rajesh Shivaji Jyavhare
Mobile No. of the Student Participant	7666032203
Name of the College / Institute / School of the University	KBP College Pandharpur
Category	Engineering and Technology
Level	UG
Date	
Signature of the Parent /Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Rajesh shivaji yawhare
Name of the College/Institute/Department of the Student Participant	KBP college pandharpur
Name of the University	Solapur.
Mobile No. of the Student Participant	7666032203
Programme	BSC
Semester	Electronics - I
Specialization	
PRN No./Registration No. given by the University	
Roll No.	EL2319.

Date:

(Seal of the College/Institute/University Department)

Place:

Signature of the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University

Hydrogen Production through Electrolysis in Water

Our project is Hydrogen production through Electrolysis. In this we used water mixed with salt (NaCl) and separate Hydrogen and oxygen we used two separate steel electrodes Anode (+) and cathode (-).

When voltage using power supply is passed through water using electrodes the reaction takes place and Hydrogen is generated at Cathode (-) end and Oxygen is generated at Anode (+) end. The Generated Hydrogen is stored to further uses.


Annexure No.3
Undertaking by the Participating Student
(To be given by the Participating Student)

I undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Jagadale Kishor Vithoba.
Name of the College / Institute / School of the University	K.BPMP; Pandharpur
Category	Agricultural and animal husbandary
Level	UG
Mobile No. of the Student Participant	7798255652
Date	02-12-2023
Signature of the Student Participant	

Annexure No.4


Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relations of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being apart this convention.

Name of the Parent /Guardian	Jagadale kishor Vithoba Krushna.
Mobile No. of the Parent/Guardian	9970693255
Name of the Student Participant	Jagadale kishor Vithoba
Mobile No. of the Student Participant	7798255652
Name of the College / Institute / School of the University	KBPM pandharpur
Category	Agriculture & animal husbandary
Level	UG
Date	02-12-2023
Signature of the Parent /Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.


Name of the Student Participant	Jagdale Kishor Vithoba
Name of the College/Institute/Department of the Student Participant	KBPM Pandharpur
Name of the University	Punyashlok Ahilyadevi Holkar University, Solapur
Mobile No. of the Student Participant	7798255652
Programme	BCA - I
Semester	First semester
Specialization	
PRN No./Registration No. given by the University	
Roll No.	9051



Date:

(Seal of the College/Institute/University Department)

Place:


Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Annexure No.2

Format for the First Slide for the Podium Presentation

Aavishkar PAH SOLAPUR UNIVERSITY, SOLAPUR	
Category: <input type="text"/>	Level: <input type="text"/>
Title of the Research Project	
Code No.: <input type="text"/>	

Title of Project: Safety stick for Blind people's.

Abstract: Our project is in Engineering and Technology category. We designed

Safety stick for blind people, which helps blind people to detect the obstacle. It is useful to them in everyday life. We use Arduino based programming knowledge into this project and UV (ultraviolet sensor) for object detection. Buzzer and vibration motor for signaling of object detection.

Annexure No.3

Undertaking by the Participating Student


(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmveer Bhaurao Patil, Mahavidyalay, Pandharpur.
Dates of the Convention	25/11/2023

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Chavan Dhanashri Appasaheb.
Name of the College / Institute / School of the University	Karmveer Bhaurao Patil, Mahavidyalay
Category	Engineering and Technology.
Level	UG
Mobile No. of the Student Participant	9689554307
Date	25/11/2023.
Signature of the Student Participant	

Annexure No.4

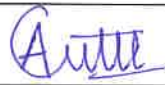
Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmveer Bhauroo Patil, Mahavidyalay.
Dates of the Convention	25/11/2023

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Chavan Appasaheb Abiman
Mobile No. of the Parent / Guardian	9422331901
Name of the Student Participant	Chavan Dhanashri Appasaheb.
Mobile No. of the Student Participant	968955407
Name of the College / Institute / School of the University	Karmveer Bhauroo Patil, Mahavidyalay
Category	Engineering & Technology
Level	UG
Date	25/11/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute
/Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.


Name of the Student Participant	chavan Dhyanashri Appasaheb.
Name of the College/Institute/Department of the Student Participant	Karmaveer Bhaurao Patil, Mahavidyalaya, Pandharpur
Name of the University	solarpur University
Mobile No. of the Student Participant	9689554307
Programme	B.Sc
Semester	V
Specialization	Physics
PRN No./Registration No. given by the University	2021140106
Roll No.	6527



2/12/2023
Date:

Pandharpur
Place:

(Seal of the College/Institute/University Department)


Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Annexure No.3

Undertaking by the Participating Student

(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhausaheb Patil Mahavidyalaya Pandharpur
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Kedar Aditya Harman
Name of the College / Institute / School of the University	K.B.P.M. Pandharpur
Category	Commerce
Level	U-G
Mobile No. of the Student Participant	8766601257
Date	02/12/2023
Signature of the Student Participant	<u>Akedar</u>

Annexure No.4


Responsibility Certificate

(To be given by the Parent /Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K. B. P. M. Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being apart this convention.

Name of the Parent /Guardian	Kedar Hanmant & Jaganath
Mobile No. of the Parent/Guardian	9403293474
Name of the Student Participant	Kedar Aditya Hanmant
Mobile No. of the Student Participant	8766601257
Name of the College / Institute / School of the University	K. B. P. M. Pandharpur
Category	commerce
Level	U. G.
Date	02/12/2023
Signature of the Parent /Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Kedar Hanant Aditya Hanmant
Name of the College/Institute/Department of the Student Participant	K.B.P.M. Pandharpur
Name of the University	P.A.H.S.U. Solapur
Mobile No. of the Student Participant	8766601257
Programme	B.Sc III
Semester	V
Specialization	Statistics
PRN No./Registration No. given by the University	2021140035
Roll No.	6575



Date: 02/12/2023 (Seal of the College/Institute/University Department)

Place: Pandharpur


Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Place:

(Seal)

(Sign of the
Director /Principal /
Head
with Seal)

Date:

FORMAT FOR SUBMISSION OF ABSTRACT

Category		Level	
Title	A statistical analysis of use		
	of Government schemes in		
	Pandharpur and Sangola Tahsil.		

Abstract:

Keywords

● Guidelines for the Preparation of Abstract

- Submit the abstract of each research project along with concern Project Entry Form. Do not write name of the participant or the college on the abstract.
- The abstract should be unstructured without any subtitles. It should introduce the topic, research methodology and results, etc. References should not be included in the abstract. The maximum length of the abstract should be 200 words.
- The title of the research project must have suitable title not more than 2 lines in Bold Times New Roman / Devnagari with size 12 and 1 line spacing.
- Prepare abstract in MS word, Times New Roman / Devnagari font with size 12 and 1.5 line spacing on A4 paper size.

Mode of Convention

- (1) The convention shall be conducted in two rounds-
 - (A) **Poster and/or Model Presentation Round**
 - a) Every research project shall be presented in the form of Poster and/or Model.
 - b) The time for Poster and/or Model presentations shall be 3 minutes followed by the discussion of not more than 3 minutes. However, there shall not be disqualification of the participant if the time exceeds.
 - c) These selected research projects shall be allowed for podium presentation.
 - (B) **Podium Presentation / Power Point Presentation Round**
 - a) These selected research projects shall be presented in the form of podium presentation.
 - b) Each research project shall be presented in a maximum of 7 minutes. A warning bell shall be given in the 6th minutes. The participant has to finish the presentation in the given time. In case, if the time is exceeded, the research project shall be disqualified. However, 15 seconds grace period shall



Abstract

- 1) Comparison of two tehsils people
- 2) How many people using know about Government schemes.
- 3) How many schemes using people.
- 4) — Select particular villeges in two tehsils and compare them.
- 5) Then know about how many know and how many using this schemes using statistic analysis.
- 6) And make decision from them.
- 7) And for this we use statistical analysis and statistic tricks as well as statastical information Diagrams.

Annexure No.3

Undertaking by the Participating Student (To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K. B. P. M. Pandharpur
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Narkhedkar Prajakta Dnyaneshwar
Name of the College / Institute / School of the University	Karmaveer Bhausaheb Patil Mahavidyalaya Pandharpur
Category	Pure Science
Level	U.G
Mobile No. of the Student Participant	7262805005
Date	02/12/2023
Signature of the Student Participant	P.D. Narkhedkar

Annexure No.4


Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Narokhedkar Dnyaneshwar Gopal
Mobile No. of the Parent / Guardian	7770036240
Name of the Student Participant	Narokhedkar Pranjana Dnyaneshwar
Mobile No. of the Student Participant	7262805005
Name of the College / Institute / School of the University	K.B.P.M Pandharpur
Category	Pure science
Level	U.G.
Date	02/12/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College / Institute / Department. He / She is a regular student in the current academic year.

Name of the Student Participant	Narkhedkar Prajakta Dnyaneshwar
Name of the College / Institute / Department of the Student Participant	K.B.P.M. Solapur
Name of the University	Punyashlok Ahilyadevi Holekar University Solapur
Mobile No. of the Student Participant	7262805005
Programme	B.Sc III
Semester	V
Specialization	Statistics
PRN No. / Registration No. given by the University	202140032
Roll No.	6627



Date: 02/12/2023 (Seal of the College / Institute / University Department)

Place: Pandharpur


Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.

Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

with Seal)

FORMAT FOR SUBMISSION OF ABSTRACT

Category	Pure science	Level	UG
Title	"Study on online banking users (students) in K.B.P.college Pandharpur		

Abstract:

Keywords

● Guidelines for the Preparation of Abstract

- Submit the abstract of each research project along with concern Project Entry Form. Do not write name of the participant or the college on the abstract.
- The abstract should be unstructured without any subtitles. It should introduce the topic, research methodology and results, etc. References should not be included in the abstract. The maximum length of the abstract should be 200 words.
- The title of the research project must have suitable title not more than 2 lines in Bold Times New Roman / Devnagari with size 12 and 1 line spacing.
- Prepare abstract in MS word, Times New Roman / Devnagari font with size 12 and 1.5 line spacing on A4 paper size.

Mode of Convention

- (1) The convention shall be conducted in two rounds-
 - (A) **Poster and/or Model Presentation Round**
 - a) Every research project shall be presented in the form of Poster and/or Model.
 - b) The time for Poster and/or Model presentations shall be 3 minutes followed by the discussion of not more than 3 minutes. However, there shall not be disqualification of the participant if the time exceeds.
 - c) These selected research projects shall be allowed for podium presentation.
 - (B) **Podium Presentation / Power Point Presentation Round**
 - a) These selected research projects shall be presented in the form of podium presentation.
 - b) Each research project shall be presented in a maximum of 7 minutes. A warning bell shall be given in the 6th minute. The participant has to finish the presentation in the given time. In case, if the time is exceeded, the research project shall be disqualified. However, 15 seconds grace period shall be allowed.
 - c) The presentations shall be followed by the discussion not exceeding more than 3 minutes.
 - d) In the discussion only judges are allowed to ask the questions to the participant.
 - e) The results shall be announced at the Prize Distribution Ceremony.

* Abstract

- 1) In Pandharpur, a number of banks have either gone for Internet banking.
- 2) This project to find the which online ~~are~~ banking are used.
- 3) In this project Pie chart is used for which one online banking are mostly used.
- 4) Internet banking is safe or risky is cleared in this project.
- 5) In this project we have know that how many student are used online banking.
- 6) On these all information identify and make decision on them

Annexure No.3

Undertaking by the Participating Student

(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Bhute Sayali Hanuman
Name of the College / Institute / School of the University	KBPM, Pandharpur.
Category	Pure Science
Level	UG
Mobile No. of the Student Participant	8208136587
Date	02/12/2023
Signature of the Student Participant	<i>Bhute</i>

Annexure No.4

Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Bhute Hanumant Vitthal.
Mobile No. of the Parent / Guardian	7972649288
Name of the Student Participant	Bhute Sayali Hanumant.
Mobile No. of the Student Participant	8208136587
Name of the College / Institute / School of the University	KBPM, Pandharpur
Category	Pure Science
Level	UG
Date	02/12/2023
Signature of the Parent / Guardian	Bhute

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Bhute Sayali Hanumanant
Name of the College/Institute/Department of the Student Participant	KBPM, Pandharpur.
Name of the University	Punyashlok Ahilyadevi Holkar University, Solapur
Mobile No. of the Student Participant	8208136587
Programme	B.Sc. - I
Semester	First semester
Specialization	Zoology
PRN No./Registration No. given by the University	
Roll No.	Zo-2331



Date:

(Seal of the College/Institute/University Department)

Place:


Principal,
Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
Signature of the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University

Category	Agriculture and Animal Husbandary	Level	PG
Title	Novel Rearing Method for Eri Silkworm (<i>Samia ricini</i>)		

Abstract: Eri silkworm, *Samia ricini* (Donovan) is a semi-domesticated and commercially reared silkworm in rural India prevailing in North eastern states of the country, Bihar, Jharkhand and some parts of Karnataka. It is reared indoors but there are no standard practices developed yet to standardise the process and increase the production. Government also provides various subsidies for Ericulture. There is a gap in demand and supply of Eri silk. It is traditionally reared in Bamboo huts where it is difficult to maintain physical factors like humidity, temperature, light etc which in turn impacts production of cocoon. To counter these constraints we have developed a wooden basket method for rearing of silkworms. On comparison with traditional methods yield from this method is found to be higher. Commercializing this method in Maharashtra and pan India will definitely provide professional opportunities for rural population.

Keywords: Castor, Eri silk, Novel Rearing Method, *Samia ricini*

Annexure No.3

Undertaking by the Participating Student

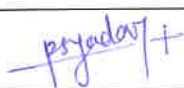
(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur 413304
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Yadav Prathamesh Sanjay
Name of the College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Category	Agriculture and Animal Husbandary
Level	PG
Mobile No. of the Student Participant	7620191167
Date	29/11/2023
Signature of the Student Participant	

Annexure No.4


Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	Karmaveer Bhaurao Patil Mahavidyalaya, P.Pur
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relations of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Sanjay Yadav
Mobile No. of the Parent / Guardian	9975720412
Name of the Student Participant	Prathamesh Sanjay Yadav
Mobile No. of the Student Participant	7620191167
Name of the College / Institute / School of the University	KBPM Pandharpur
Category	Agriculture and Animal Husbandary
Level	PG
Date	29/01/2023
Signature of the Parent / Guardian	

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.


Name of the Student Participant	Prathamesh Yadav
Name of the College/Institute/Department of the Student Participant	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Name of the University	BAHSU, Solapur
Mobile No. of the Student Participant	7620191167
Programme	M.Sc.
Semester	I
Specialization	Zoology
PRN No./Registration No. given by the University	4858513
Roll No.	-



Date: 29/11/23

(Seal of the College/Institute/University Department)

Place: KBPM
Pandharpur


Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Annexure No.3

Undertaking by the Participating Student

(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	-	Mr. Shyamrao Dnyanoba Waghmare.
Name of the College / Institute / School of the University	-	K.B.P.M. Pandharpur
Category	-	Humanities
Level	-	PPG
Mobile No. of the Student Participant	-	9850226488
Date		
Signature of the Student Participant		<u>Swaghmare.</u>

Annexure No.4

Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent /Guardian	-	Shri. Dnyanoba Shankar Waghmare.
Mobile No. of the Parent/Guardian	-	9850226488
Name of the Student Participant	-	Mr. Shyamrao Dnyanoba Waghmare
Mobile No. of the Student Participant	-	9850226488
Name of the College / Institute / School of the University	-	K.B.P. Mahavidyalaya Pandharpur
Category	-	Humanities
Level	-	PPG
Date		
Signature of the Parent /Guardian		वाघमारे. शा. शं.

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.


Name of the Student Participant	-	Mr. shyamrao Dnyanoba Waghmare
Name of the College/Institute/Department of the Student Participant	-	K.B.P. Mahavidyalaya pandharpur
Name of the University	-	PAHSU solapur.
Mobile No. of the Student Participant	-	9850226488
Programme	-	ph. D
Semester	-	-
Specialization	-	Marathi
PRN No./Registration No. given by the University	-	P8 - 1058
Roll No.	-	-



Date:

(Seal of the College/Institute/University Department)

Place:


Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

FORMAT FOR SUBMISSION OF ABSTRACT

Category	Humanities	Level	PPG
Title	आनंद यादव यांच्या कादंबऱ्यातील ग्रामीण जीवन		

Abstract - (गोषवारा)

आनंद यादव यांच्या कादंबऱ्यातील ग्रामीण जीवन

मराठी साहित्यात प्रामुख्याने १९६० नंतर अनेक वाङ्मय प्रवाह उदयास आले. त्यापैकी ग्रामीण साहित्य हा वाङ्मय प्रवाह अगदी ठळकपणे आपल्या नजरेसमोर येतो. या ग्रामीण साहित्यप्रवाहामध्ये अनेक लेखकांनी लेखन केले. या साहित्य प्रवाहामध्ये एक आघाडीचे लेखक म्हणून आनंद यादव यांच्याकडे पाहिले जाते. आनंद यादव यांनी कथा, कादंबरी, कविता, आत्मचरित्र, समीक्षा, संपादन, वगनाट्य, बालसाहित्य व वैचारिक लेखन इ. प्रकारामध्ये लेखन केले आहे. आनंद यादव यांनी ग्रामीण साहित्य चळवळीसाठी मोठे योगदान दिले आहे. ग्रामीण साहित्यामध्ये त्यांच्या कादंबऱ्या अतिशय लोकप्रिय आहेत. 'ग्रामीण जीवनातील वास्तवदर्शी संघर्षाचे चित्रण करणारे लेखन म्हणजे ग्रामीण कादंबरी होय.' आनंद यादव यांच्या काही ग्रामीण कादंबरीचे वेगळेपण या अभ्यासात केले आहे.

आनंद यादव यांनी ग्रामीण मराठी साहित्यात दर्जेदार लेखन केले आहे. त्यांच्या कादंबऱ्या अतिशय लोकप्रिय आहेत. ग्रामीण व शहरी जीवनाचे वास्तववादी चित्रण त्यांच्या 'एकलकोंडा' या कादंबरीतून आपणाला प्रकर्षाने दिसून येते. तसेच त्यांच्या 'गोतावळा' या कादंबरीतून नारबाच्या आत्मचारीत्राबरोबर प्राणी जीवनाचे उत्कट व हृदयस्पर्शी चित्रण येते. 'नटरंग' या कादंबरीतून गुणा या ग्रामीण भागातील तमाशा कलावंताच्या शोकांतिकेचे वास्तव चित्रण केले आहे. 'माऊली' या कादंबरीतून मांजर या प्राण्याच्या जीवनाचे एक वेगळे अनुभवविश्व प्रतिबिंबित झाले आहे. 'झोंबी' या कादंबरीतून आनंद यादव यांचे आत्मचरित्र आले आहे.

Keywords -

ग्रामीण साहित्य, वाङ्मय प्रवाह, ग्रामीण कादंबरी, साहित्य चळवळ, वास्तवदर्शी संघर्ष चित्रण इ.

Annexure No.3

Undertaking by the Participating Student


(To be given by the Participating Student)

I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K. B. P. Mahavidyalaya Pondharpur.
Dates of the Convention	16-12-2023

I undertake and agree that, neither I nor my Parent / Executor / Administrator / Mentor / Teacher / Principal will make any claim against any Officers of the University (Organizing / Participating) and/or Principal / Director / Head / Mentor / Teacher / Staff in respect of any loss or injury to the property or person (including injury resulting in death), which may suffer while participating in Aavishkar: Research Convention.

I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Miss. Muloni Tabassum Chandulal
Name of the College / Institute / School of the University	K. B. P. Mahavidyalaya Pondharpur
Category	
Level	PPG / Ph.D.
Mobile No. of the Student Participant	7875000397
Date	16-12-2023
Signature of the Student Participant	

Annexure No.4

Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	K. B. P. Mahavidyalaya Pandharpur
Dates of the Convention	16-12-2023

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government/Raj Bhavan/University (Organizing/Participating) /Department / Institute /College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor /Teacher/Staff on account of my Son/Daughter/Ward being a part of this convention.

Name of the Parent / Guardian	Mulani - Chandulal . M.
Mobile No. of the Parent / Guardian	7875000397 / 9420491613
Name of the Student Participant	Mulani Tabassum Chandulal
Mobile No. of the Student Participant	7875000397
Name of the College / Institute / School of the University	K. B. P. Mahavidyalaya Pandharpur
Category	Pure science
Level	Ph.D
Date	16-12-2023
Signature of the Parent / Guardian	<u>M. Mulani</u>

Annexure No.5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute / Head or Director of the Academic Department of the Participating University)


It is certified that the student mentioned below is the bonafide student of our College/Institute/Department. He/She is a regular student in the current academic year.

Name of the Student Participant	Mulani Tabassum Chandul
Name of the College/Institute/Department of the Student Participant	K.B.P. Mahavidyalaya Pandharpur
Name of the University	Sa' PMSU Solapur University.
Mobile No. of the Student Participant	7875000397
Programme	Ph. D.
Semester	-
Specialization	- Zoology
PRN No./Registration No. given by the University	-
Roll No.	-



Date: 16-12-2023 (Seal of the College/Institute/University Department)

Place: Pandharpur


Principal,
Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur.
Signature of the Principal
of the College / Director
of the Institute / Head or
Director of
the Academic Department
of the
Participating University

Feeding Strategies Of Ornamental Fish :- Goldfish

Abstract:

Ornamental fish keeping is emerging as one of the most popular hobby across the world next to photography . Among ornamental fishes, Gold fish (*Carassius auratus*, Linnaeus) is the most popular one throughout the world and also in India. Food is the most important and vital factor for the growth and survival of the living beings on the face of the earth and feeding is the dominant activity of the entire life cycle of fish. The success with good scientific planning and management of fish species largely depends on the knowledge of their biological aspects, in which food and feeding habits include a valuable portion. Proper knowledge about food preference, especially the first food of fish larvae is vital for achieving good survival rates during fish culture .

So, from this study it can be concluded that supply of live food more preferably the chironomid larvae could be beneficial to get good growth and survival of gold fish in captive culture.

Keywords: Ornamental Fishes ,goldfish ,food preference.

1.Introduction:

Aquarium keeping is an age old practice and has become one of the most popular hobby. As on high demand, throughout the world, rearing and marketing of ornamental fishes for the aquarium can be taken up as a means of available livelihood. About 100 years ago Chinese first began to domesticate gold fish . Glass aquarium was first used by the Romans . During 18th century gold fishes were transported to England. Ornamental fish trade began in Germany. 19th century about all the countries of the world started ornamental fish keeping. About 10 years back the Chinese scientist mutated gold fish and various types of gold fish have been produced. Most of the ornamental fishes are form Asian origin. Ornamental fish species are popularly known as aquarium fish . The culture of this species has become a source of employment generation for the rural people. Breeding and production technology of ornamental fishes differ from species to species, according to the nature of their reproduction, habitat and other psychological condition . Although many techniques used for ornamental fish breeding but not much difficult, the breeding method for specific ornamental fish species are closing guarded secret .

2. Material and Methodology:

Experimental Setup –

Age specific food preference of gold fish between live and artificial food. The experiment is designed to know the age specific preference of selected ornamental fishes for individual food item when foods will supplied separately. For this experiment, individual fishes of **Goldfish** of the three different age groups were kept separately in 5 L glass tanks at the density of one fish /tank. The fishes will be held in the tanks for 24 hours prior to the commencement of the experiment and will be kept without food to standardize hunger level. Each of these fishes will then provide daily with 300 mosquito larvae for the first seven days, with 300 chironomid larvae for next seven days , with 300 Tokyu granules for the seven days , with 300 particles of infused flakes for the last seven days. For each day, after one hour of supply of the food item, the remaining amount of each food item was counted. This experiment will be conducted in three replicates for each set up.

Table : Age specific Food Preference of Gold Fish

Sr. no	Type of Food	Amount of food consumed by fish [out of 300 individuals or particles within 1 hour]		
		Fish of 2 month	Fish of 3 month	Fish of 4 month
1	Chironomid Larvae	47	89	215
2	Mosquito Larvae	41	74	175
3	Artificial Food	37	47	94
4	Non conventional food	35	44	91

Conclusion:

Food preference of gold fish :

From the first experiment it is comprehensible that all the three age groups of gold fish have significantly higher preference for live food than that of the artificial food. Hence, during captive culture, the supply of live food will be more beneficial than the artificial food to get better growth and survival of the gold fish. Among the two live food supplied in the experiment, chironomid larvae was consumed with significantly higher preference than mosquito larvae by both the 2 months and 3 months old gold fish .The 4 months

old gold fish also has shown significantly higher preference for chironomid larvae when supplied along with mosquito larvae. So, all the three age groups have shown high preference for chironomid larvae.

As from this study it has also been observed that gold fish has significantly higher mosquito larvae consumption rate than popular larvivorous fishes, so in near future gold fish can not only be used as ornamental fish but also as an efficient mosquito biocontrol agent.

Feeding Strategies Of Ornamental Fish :- Goldfish

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So, from this study it can be concluded that supply of live food more preferably the chironomid larvae could be beneficial to get good growth and survival of gold fish in captive culture.

Keywords: Ornamental Fishes ,goldfish ,food preference.

Annexure No. 3


Undertaking by the Participating Student (To be given by the Participating Student)


I, undertake to state that, in consideration of my being nominated at my request to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

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Dates of the Convention	

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I, further undertake to state that I shall be abiding by all RULES and REGULATIONS (Guidelines) of the Aavishkar: Research Convention and shall be liable for strict disciplinary action for violation of the same.

Name of the Student Participant	Bhange Saika Manohar
Name of the College / Institute / School of the University	K. B. P. College, Pandharpur
Category	Humanities, Languages, and Fine Arts
Level	PG
Mobile No. of the Student Participant	8788066298
Date	15/12/2023
Signature of the Student Participant	


Dr. Ramesh Shinde
M.A., Ph.D., SET, NET
Assistant Professor & Research Guide
Research Centre, Dept. of Marathi
KBP Mahavidyalaya (Autonomous)
Pandharpur Dist. Solapur (M.S.)

Annexure No. 4

Responsibility Certificate

(To be given by the Parent / Guardian of the Participating Student)

I agree, as a responsible person, that my Son/Daughter/Ward is being allowed to participate in Aavishkar: Research Convention to be held at following Host College / Institute / School of the University as per following dates at my own risk.

Name of the Host College / Institute / School of the University	
Dates of the Convention	

If any accident or death occurs during this convention, I or any of my relation of legal heir will not demand any claim from State Government / Raj Bhavan / University (Organizing/Participating) / Department / Institute / College and Officials of the University (Organizing/Participating), Principal / Director / Head / Mentor / Teacher / Staff on account of my Son/Daughter/Ward being a part this convention.

Name of the Parent / Guardian	Bhange Manohar Gena
Mobile No. of the Parent / Guardian	9960288760
Name of the Student Participant	Bhange Saika Manohar
Mobile No. of the Student Participant	8788066298
Name of the College / Institute / School of the University	K. B. P. College Pandharpur
Category	Humanities, Languages and Fine Arts
Level	PPG
Date	15/12/2023
Signature of the Parent / Guardian	H. S. Gena


Dr. Ramesh Shinde
M.A. Ph.D. SET, NET
Assistant Professor & Research Guide
Research Centre, Dept. of Marathi
KBP Mahavidyalaya (Autonomous)
Pandharpur Dist. Solapur (M.S.)

Annexure No. 5

Bonafide Certificate

(To be given by the Principal of the College / Director of the Institute /
Head or Director of the Academic Department of the Participating University)

It is certified that the student mentioned below is the bonafide student of our
College/Institute/Department. He/She is a regular student in the current academic
year.

Name of the Student Participant	Bhange saeika Manohar
Name of the College / Institute / Department of the Student Participant	K. B. P. College, Pandharpur
Name of the University	P. A. H. Solapur uni. Solapur
Mobile No. of the Student Participant	8788066298
Programme	Ph. D.
Semester	-
Specialization	Criticism
PRN No. / Registration No. given by the University	3422
Roll No.	



Date: 15/12/2023

(Seal of the
College/Institute/
University Department)

Place: Pandharpur

Principal,

Karmaveer Bhaurao Patil
Mahavidyalaya, Pandharpur
Signature of the

Principal of the College /
Director of the Institute /
Head or Director of the
Academic Department
of the Participating
University

विषय – स्त्रीवादी कथालेखनाचे बदलते स्वरूप

गोषवारा

मानवी जीवनात कलेला अनन्यसाधारण महत्त्व आहे. साहित्य हीसुद्धा एक कला आहे. यामध्ये मानवी जीवनाचे, भाव-भावनांचे, नातेसंबंधाचे प्रतिबिंब पडलेले असते. मराठीत विविध साहित्य प्रकारांच्या माध्यमातून लेखक, कवीनी काळाच्या बदलत्या ओघात आशय व आविष्कारात आमुलाग्र बदल केले. नव्वोदत्तरी कालखंडात जागतिकीकरण, खाजगीकरण, उदारीकरण याच्या प्रभावातून सामान्य माणसाच्या जगण्याचे संदर्भ बदलत गेले. त्याचा विविधांगी प्रभाव स्त्रियांवर, त्यांच्या एकंदरीत जगण्यावर झालेला दिसतो. याचे प्रतिबिंब त्या त्या काळातील स्त्रीवादी साहित्यात उमटलेले दिसते. एकीकडे खूप कमी प्रमाणात स्त्रिया पुरुषांच्या खांद्याला खांदा लावून स्वकर्तृत्व सिद्ध करताना दिसतात तर दुसरीकडे स्त्रियांचा खूप मोठा वर्ग अजूनही मध्यमवर्गीय जीवन जगत असलेला दिसतो. या साऱ्यांचे प्रतिबिंब अर्थातच स्त्रीवादी कथासाहित्यात पडलेले दिसते.

तुलनात्मक पद्धती, वर्णनात्मक पद्धती व समाजशास्त्रीय पद्धती या संशोधनपद्धतींचा वापर संशोधनासाठी करण्यात आलेला आहे. १९९० पूर्वीच्या कथेत स्त्रियांच्या व्यथा, वेदना, कोंडमारा याचे चित्रण केले आहे. रचनातंत्राची विविधता असली तरी अन्याय अत्याचाराची मुक्त अभिव्यक्ती जाणवत नाही. १९९० नंतर स्त्रियांचे मानसिक पातळीवरचे चित्रण कथेतून येऊ लागले. अस्तित्ववेदना, वाढती संवादहीनता, तुटलेपण व स्त्री-पुरुष नात्यामध्ये निर्माण झालेला दुरावा व्यक्त करणारी आशयसूत्रे या कथांमध्ये जाणवतात. काळानुरूप या बदलाचे प्रारूप कमल देसाई व मनस्विनी लता रवींद्र या दोन लेखिकांच्या कथांच्या अनुषंगाने मांडले आहे. त्यांच्या लेखनातून बदलत्या काळाचे प्रतिबिंब कसे आविष्कृत झाले आहे. त्याचा हा सर्वांगीण अभ्यास आहे.

थोडक्यात १९९० नंतर मराठी स्त्रीवादी कथालेखनाचे विषय बदलेले दिसतात.

विषय – स्त्रीवादी कथालेखनाचे बदलते स्वरूप

गोषवारा

मानवी जीवनात कलेला अनन्यसाधारण महत्त्व आहे. साहित्य हीसुद्धा एक कला आहे. यामध्ये मानवी जीवनाचे, भाव-भावनांचे, नातेसंबंधाचे प्रतिबिंब पडलेले असते. मराठीत विविध साहित्य प्रकारांच्या माध्यमातून लेखक, कवीनी काळाच्या बदलत्या ओघात आशय व आविष्कारात आमुलाग्र बदल केले. नव्वोदत्तरी कालखंडात जागतिकीकरण, खाजगीकरण, उदारीकरण याच्या प्रभावातून सामान्य माणसाच्या जगण्याचे संदर्भ बदलत गेले. त्याचा विविधांगी प्रभाव स्त्रियांवर, त्यांच्या एकंदरीत जगण्यावर झालेला दिसतो. याचे प्रतिबिंब त्या त्या काळातील स्त्रीवादी साहित्यात उमटलेले दिसते. एकीकडे खूप कमी प्रमाणात स्त्रिया पुरुषांच्या खांद्याला खांदा लावून स्वकर्तृत्व सिद्ध करताना दिसतात तर दुसरीकडे स्त्रियांचा खूप मोठा वर्ग अजूनही मध्यमवर्गीय जीवन जगत असलेला दिसतो. या साऱ्यांचे प्रतिबिंब अर्थातच स्त्रीवादी कथासाहित्यात पडलेले दिसते.

तुलनात्मक पद्धती, वर्णनात्मक पद्धती व समाजशास्त्रीय पद्धती या संशोधनपद्धतींचा वापर संशोधनासाठी करण्यात आलेला आहे. १९९० पूर्वीच्या कथेत स्त्रियांच्या व्यथा, वेदना, कोंडमारा याचे चित्रण केले आहे. रचनातंत्राची विविधता अंशली तरी अन्याय अत्याचाराची मुक्त अभिव्यक्ती जाणवत नाही. १९९० नंतर स्त्रियांचे मानसिक पातळीवरचे चित्रण कथेतून येऊ लागले. अस्तित्ववेदना, वाढती संवादहीनता, तुटलेपण व स्त्री-पुरुष नात्यामध्ये निर्माण झालेला दुरावा व्यक्त करणारी आशयसूत्रे या कथांमध्ये जाणवतात. काळानुरूप या बदलाचे प्रारूप कमल देसाई व मनस्विनी लता रवींद्र या दोन लेखिकांच्या कथांच्या अनुषंगाने मांडले आहे. त्यांच्या लेखनातून बदलत्या काळाचे प्रतिबिंब कसे आविष्कृत झाले आहे. त्याचा हा सर्वांगीण अभ्यास आहे.

थोडक्यात १९९० नंतर मराठी स्त्रीवादी कथालेखनाचे विषय बदलेले दिसतात.

