

**The Glimpses of the training programs organized by Women's Empowerment and Entrepreneurship Development Cell**



**Entrepreneurship Training of Decorative item for Hair style  
3-03-2023**



**Trainer Mrs. Neetatai Bobade  
Training the participants of Making Decorative item for Hair style**

03-03-2023

# G S Science Arts and Commerce College, Khamgaon 444 303 (MS)

**BEST PRACTICE 1:** Empowering Women through Self Employment to Self dependence



Inauguration of Tailoring and Fashion Design Skill Development Training Centre

24-06-2022



**Celebrated International women's day (Exhibition and sale of clothes and artifacts)**

**9-03-2023**



**Exhibition and sale of clothes and artifacts**



9-03-2023



**Beauty Parlor Course Feb 2023**



**Trainer Arti Nindane**

**Beauty Parlor Course Feb 2023**



**Mehandi Course April 2023**



**Certificate distribution of Mehandi Course 10-05-2023**





**Training Program : Best out of Waste (Sculpture from the waste) 05-01-2022**



**Training Program : Best out of Waste (Sculpture from the waste) 05-01-2022**



**Some Sculptures made in training 5.01.2022**



**Some Sculptures made in training 5.01.2022**



Some Sculptures made in training 5.01.2022



International level online training and Exhibition on Best out of Waste

784 views · Sep 25, 2020

56

2

SHARE

SAVE

...



**Trainer Hon. Nita tai Bobade (President Nisarg Sanstha)**

**International level online training and Exhibition on Best out of Waste 25/09/2020**

**You tube link**

<https://www.youtube.com/watch?v=kXP7yCUNgcs&t=2865s>





**Training Workshop/ Exhibition and Competition on Best from Waste 6-01-20**



**Exhibition and Competition on Best from Waste 6-01-20**



**Competition on Best from Waste Jan 2020**



**Workshop on Self Employment and (रोजगार मेळावा)**

**Trainer Neetatai Bobade. Guidance on self-employment by Monika Sontakke**





**Some food items in Rojgar Melava at Local Community 2019**

**By our local trainee who become successful self-employer**



**Some food items in Rojgar Melava at Local Community 2019**

**By our local trainee who become successful self-employer**



**Greeting cards at sale by our student**

**Trainer and Co Ordinator visited the Rojagar Melava at Local level (Khamgaon)**



Our students are doing sale in Rojgar Melava



# G S Science Arts and Commerce College, Khamgaon 444 303 (MS)

## **BEST PRACTICE 1: Empowering Women through Self Employment to Self dependence**

Over the last few years, our cell succeeded in making some of the girls' students and women from local community to become self employable. We have felicitated them in the recently organized Entrepreneurship fair on our campus. They shared their journey to become self-employable during the fair.

Some video clips reflecting the success of the practice.

Mahila Udyojakta Melava (Womens Entrepreneurship fair)	<a href="https://tinyurl.com/yd9hauk8">https://tinyurl.com/yd9hauk8</a>
Exhibition	<a href="https://tinyurl.com/y8d278gl">https://tinyurl.com/y8d278gl</a>
Mrs .Nita Bobdey (Mentor)	<a href="https://tinyurl.com/ya5m647l">https://tinyurl.com/ya5m647l</a>
Mrs. Pratibha Taori (Coordinator of the cell)	<a href="https://tinyurl.com/ycotzjs9">https://tinyurl.com/ycotzjs9</a>
Regular students	
Anuradha Bharambe	<a href="https://tinyurl.com/yaj8bqt4">https://tinyurl.com/yaj8bqt4</a>
Jayshree Patil	<a href="https://tinyurl.com/ybjkk7zc">https://tinyurl.com/ybjkk7zc</a>
Madhuri Pawar	<a href="https://tinyurl.com/ycy49zsd">https://tinyurl.com/ycy49zsd</a>
Nikita Ghule	<a href="https://tinyurl.com/ybwe8dys">https://tinyurl.com/ybwe8dys</a>
Puja Kapate	<a href="https://tinyurl.com/y9zpzmp">https://tinyurl.com/y9zpzmp</a>
Sneha Mansute	<a href="https://tinyurl.com/yddgpen3">https://tinyurl.com/yddgpen3</a>
Ex Student	
Monika Umak	<a href="https://tinyurl.com/ycnbtagq">https://tinyurl.com/ycnbtagq</a>
Ankita Joshi	<a href="https://tinyurl.com/yct787zq">https://tinyurl.com/yct787zq</a>
Kalpna Shimre	<a href="https://tinyurl.com/y8dnqcpw">https://tinyurl.com/y8dnqcpw</a>
Minakshi phate	<a href="https://tinyurl.com/yamj76ml">https://tinyurl.com/yamj76ml</a>
Pranjali Bharambe	<a href="https://tinyurl.com/y8vgf3fj">https://tinyurl.com/y8vgf3fj</a>
Priyanka Chopde	<a href="https://tinyurl.com/y9n34myd">https://tinyurl.com/y9n34myd</a>
Priyanka Jadhav	<a href="https://tinyurl.com/y8adjt4o">https://tinyurl.com/y8adjt4o</a>
Puja Mishra	<a href="https://tinyurl.com/y844tzue">https://tinyurl.com/y844tzue</a>
Womens from local community	
Savita Deshmukh (Kaladalan Bachat Gat Sutala )	<a href="https://tinyurl.com/ya2dfsep">https://tinyurl.com/ya2dfsep</a>
Trainer Mrs. Anuja Mahajan	<a href="https://tinyurl.com/y9kdrge8">https://tinyurl.com/y9kdrge8</a>
Nita Pachpor (Sakhi Gruh Udyog Wadi)	<a href="https://tinyurl.com/y9z9ydst">https://tinyurl.com/y9z9ydst</a>
Udyojak Anita Varangaonkar Khamgaon	<a href="https://tinyurl.com/y8rshqu3">https://tinyurl.com/y8rshqu3</a>
Udyojak Sumitra Patil Khamgaon	<a href="https://tinyurl.com/y9dabqpd">https://tinyurl.com/y9dabqpd</a>
Trainer Mrs. Nitatai Bobdey (Exhibition)	<a href="https://tinyurl.com/ycvr2b2m">https://tinyurl.com/ycvr2b2m</a>



**Trainer Mrs. Neetatai Bobade  
Training the participants of Making Bouquet from Waste**



**Students Making Bouquet in the Training**



**Award Winning Students in Bouquet Making from Waste  
Winners - Puja Kapate, Anuradha Bharambe, Ankita Joshi**



**Award Winning Students in Bouquet Making from Waste**





**Felicitation of Award Winning Students in Bouquet Making  
Winners- Dhanvantari Rathod, Shilpa Rathod, Ankita joshi**



**Dignitaries Appreciating the Bouquet Made from Waste**



**Bouquet Making Demonstration to Students**



**Bouquet Made by Students from Packing Waste**



**Organisers and Students Making Practical of Portable Rangoli**



**Sample Picture of Portable Rangoli**





**Dignitaries and Trainer while Making of Feather Wool Stroll**



**Sample of Pearl Ornaments Made from Kasaadi Grass Seeds**



**Sale of Healthy “Chivada” Made from Wheat Grains  
By- Puja Kapate & Anuradha Bharambe**



**Sample of “Chivada” Made from Wheat Grains by Students**





**Trainers explaining  
Art craft Home Decoration Items to Participants**



**Students interacting while Training on  
Art Craft Decoration items Making**





**B.Sc. Student Madhuri Pawar now making these items at home and selling them**



**Nutritious Food Items Made by Students**



**Training on Micro Oven Cooking and Baking**



**Food Items prepared in Micro Oven by Students**





**Food Items prepared in Micro Oven by Students**



**Training Program on Bag Making**





**On Job Training of Bag Making to Participants**



**Participants Understanding the type of Bags**



**B.Sc. Student Madhuri Pawar is giving training to local women**



**Women and girls participants from Wadi village**

## G S Science Arts and Commerce College, Khamgaon 444 303 (MS)

### **BEST PRACTICE 1: Empowering Women through Self Employment to Self dependence**

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Madhuri Pawar	<a href="https://tinyurl.com/ycy49zsd">https://tinyurl.com/ycy49zsd</a>
Nikita Ghule	<a href="https://tinyurl.com/ybwe8dys">https://tinyurl.com/ybwe8dys</a>
Puja Kapate	<a href="https://tinyurl.com/y9zpzmp">https://tinyurl.com/y9zpzmp</a>
Sneha Mansute	<a href="https://tinyurl.com/yddgpen3">https://tinyurl.com/yddgpen3</a>
Ex Student	
Monika Umak	<a href="https://tinyurl.com/ycnbtaqs">https://tinyurl.com/ycnbtaqs</a>
Ankita Joshi	<a href="https://tinyurl.com/yct787zq">https://tinyurl.com/yct787zq</a>
Kalpna Shimre	<a href="https://tinyurl.com/y8dnqcpw">https://tinyurl.com/y8dnqcpw</a>
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G. S. SCIENCE, ARTS & COMMERCE COLLEGE, KHAMGAON

**POOR STUDENTS AID FUND**

Selected list of the students 2018-19

SR.NO.	NAME OF THE STUDENT	CLASS	AMOUNT IN RS.
1	KU. KIRAN VINOD EKADE	B. A. -III	1000
2	SHUBHAM ARJUN MAYUR	B. C. A. -I	1000
3	PRATAP GUNJI GADRYA	B. SC. -I	1000
4	KU. ANURADHA GAJANAN KATEY	B. SC. -III	1000
5	KU. ANJALI VILAS KULKARNI	B. COM. - I	1000
6	KU. MANJUSHA VILAS KULKARNI	B. COM. - I	1000
7	MANOJ ZAMANDAS TEKWANI	B. COM. - III	1000
8	UMASHANKAR GOVIND JENA	B. COM. - III	1000
9	SACHIN DYANDEV PARASKAR	D. TAX.	1000
10	MIRZA ISRAR BEG SARFRAJ BEG	M. COM. - I	1000
11	ABDUL JAVED ABDUL RASHID	M. A. MARATHI -I	1000
12	SK. USUF SK. HUSSAIN	M. A. MARATHI -I	1000
13	KU. DIPALI GORAKHNATH WALTE	M. A. MARATHI -I	1000
14	KU. BHAGWATI GOPAL GHATE	M. SC. COMPUTER	1000
15	KU. SAKSHI AJIT GUPTA	B. COM. - I	1000
16	KU. AISHWARYA ANIL DESHPANDE	B. SC. - II	1000
17	KU. KARUNA SAMADHAN BHIDE	11 - ARTS	500
18	KU. SRUSHTI SIDHHESHWAR GOBRE	B. COM. - I	500
19	KU. MADHAVI SHYAM BHAWAL	B. COM. - I	500
20	KU. MANISHA ARUN CHANDANKAR	B. COM. - I	500
21	KU. DHANSHRI DILIPAPPA GADGE	B. SC. - II	500
22	KU. MEGHA PUNJAJI WANKHADE	B. SC. -II	500
23	VIVEM BHAGWAN AMBHORE	B. SC. -II	500
24	GAJANAN BHIMRAO ZAMBARE	B. SC. -II	500
25	KU. SNEHA GOPAL MANSUTE	B. A. - II	500
26	KU. RAVINA SAMADHAN BHIDE	B. A. - II	500
27	KU. NEHA DADARAO SHEJAV	B. A. - II	500
28	KU. MADHURI SUBHASH VERULKAR	B. A. - III	500
<b>TOTAL AMOUNT</b>			<b>22000</b>



*D. W. S.*  
Principal  
G. S. Sci. Arts & Commerce  
College, Khamgaon-444 303.

# G. S. SCIENCE, ARTS & COMMERCE COLLEGE, KHAMGAON

## ENDOWMENT SCHOLARSHIPS

### Selected list of the students 2018-19

SR.NO.	NAME OF THE STUDENT	CLASS	NAME OF THE SPONSOR	AMOUNT IN RS.
1	PARAG WASUDEV GHAI	B. SC. - III	PRESIDENT, VSP MANDAL	501
2	KU. ANKITA MADHAV JOSHI	B. A. - III	PRESIDENT, VSP MANDAL	501
3	KU. PUJA LAXMAN PAWAR	B. COM.- III	PRESIDENT, VSP MANDAL	501
4	KU. SNEHA GOPAL MANSUTE	B. A. - II	SHRI. M. K. CHANDE MEMORIAL	501
5	GANESH BHASKAR GHOPE	B. SC. - III	PROF. TARE MEMORIAL	250
6	KU. SHIVANI ANIRUDDHA BOROKAR	SCIENCE - 12	PROF. TARE MEMORIAL	501
7	KU. GAYATRI ANIL BHATTAD	B. SC. - II	LATE JETHMALJI MANTRI MEMORIAL	500
8	KU. SHIVANI ANIRUDDHA BOROKAR	SCIENCE - 12	SHRI. TAYDE MEMORIAL	500
9	KU. SHIVANI ANIRUDDHA BOROKAR	SCIENCE - 12	LATE PROF. V. D. APTE MEMORIAL	501
10	KU. ANKITA MADHAV JOSHI	B. A. - III	LATE KASHIBAI THOMBRE MEMORIAL	250
11	GANESH BHASKAR GHOPE	B. SC. - III	LATE PROF. S. P. MALIK MEMORIAL	501
12	ATHARV MADHAVRAO DESHPANDE	B. SC. -II	LATE SHRI. PRALHAD B. BOBDEY MEMORIAL	501
13	KU. BHARATI SHIVSHANKAR ATOLE	B. SC. -I	LATE SHRI. D. G. SHASHTRI MEMORIAL	501
14	GANESH BHASKAR GHOPE	B. SC. - III	PROF. K. K. MANTRI	500
15	SAGAR SHIVAJI DETHE	B. SC. - III	SAU. SHAKUTALADEVI MANTRI	500
16	KU. NAMRATA SURYAKANT JADHAO	M. A. HINDI	LATE SUNDERBAI J. MANTRI MEMORIAL	500
17	KU. GAYATRI ANIL BHATTAD	B. SC. - II	LATE J. UPADHYAY BEST STUDENT AWARD	501
18	KU. NEHA DADARAO SHEJAV	B. A. - I	LATE DR. INDUMATI S. BOBDEY MEMORIAL	501
19	ARJUN DHARMRAJ NAIK	B. A. - III	LATE SHANTARAM S. GOMASE MEMORIAL	501
20	KU. JAYSHRI RAMESH PETHKAR	M. A. ECO -II	LATE SHANTARAM S. GOMASE MEMORIAL	501
21	KU. AISHWARYA ANIL DESHPANDE	B. SC. - II	LATE SHARAD T. BHADANG MEMORIAL	1000
22	KU. NAMRATA SURYAKANT JADHAO	M. A. HINDI	LATE DR. V. K. PADOLE MEMORIAL	501
23	WAHID AMAD SURATNE	B. A. - III	LATE DR. V. K. PADOLE MEMORIAL	501
24	KU. AMRUTA GAJANAN TIPKARI	B. A. - III	LATE AD. SHANKARRAO S. BOBDEY MEMORIAL	501
25	KU. KOMAL DILIP SOLANKE	B. COM. -I	LATE PROF. H. B. VYAS MEMORIAL	501
26	ATHARV MADHAVRAO DESHPANDE	B. SC. -II	SHRI. ANANTRAO MAHAJAN BEST NCC CADET	500
27	KU. VAISHNAVI ARUN BORADE	B. SC. -I	SHRI. ANANTRAO MAHAJAN BEST NCC CADET	500
28	KU. AISHWARYA ANIL DESHPANDE	B. SC. -I	LATE PARVATRAO GAIKWAD MEMORIAL	1000
29	KU. SNEHA GOPAL MANSUTE	B. A. - I	LATE PARVATRAO GAIKWAD MEMORIAL	1000
30	KU. KOMAL DILIP SOLANKE	B. COM. -I	LATE PARVATRAO GAIKWAD MEMORIAL	1000
31	KU. AISHWARYA ANIL DESHPANDE	B. SC. -I	LATE SAYYED USUF HAIDER MEMORIAL	501
<b>TOTAL AMOUNT</b>				<b>17018</b>



*Dawar*  
Principal  
G. S. Sci. Arts & Commerce  
College, Khamgaon-444303.

### 5.1.1 Scholarships and Financial Support (2018-19)

Financial support from institution	Name /Title of the scheme	Number of students	Amount in Rupees
	FINANCIAL ASSISTANCE FOR PARTICIPATING YOUTH FESTIVAL	34	31179
	FINANCIAL ASSISTANCE FOR PARTICIPATING CHESS (SHEGAON)	2	1200
	FINANCIAL ASSISTANCE FOR PARTICIPATING CHESS (AMRAVATI)	4	3400
	FINANCIAL ASSISTANCE FOR PARTICIPATING BADMINTON (SHEGAON)	3	1530
	FINANCIAL ASSISTANCE FOR PARTICIPATING BADMINTON (SHEGAON)	3	3570
	FINANCIAL ASSISTANCE FOR PARTICIPATING ATHLETICS (AMRAVATI)	2	2120
	FINANCIAL ASSISTANCE FOR PARTICIPATING KABADDI (DEULGAON RAJA)	12	4020
	FINANCIAL ASSISTANCE FOR PARTICIPATING ATHLETICS (AMRAVATI)	8	6080
	FINANCIAL ASSISTANCE FOR PARTICIPATING KHO-KHO (BULDANA)	24	5520
	FINANCIAL ASSISTANCE FOR PARTICIPATING KABADDI (AMRAVATI)	5	4625
	FINANCIAL ASSISTANCE FOR PARTICIPATING KHO-KHO (AMRAVATI)	4	3040
	FINANCIAL ASSISTANCE FOR PARTICIPATING BEST PHYSIQUE (AKOLA)	2	1680
	FINANCIAL ASSISTANCE FOR PARTICIPATING BEST PHYSIQUE (AMRAVATI)	1	1660
	FINANCIAL ASSISTANCE FOR PARTICIPATING KABADDI (AMRAVATI)	1	1660
	FINANCIAL ASSISTANCE FOR PARTICIPATING MALKHAMB (AMRAVATI)	1	2120
	FINANCIAL ASSISTANCE FOR PARTICIPATING CRICKET (AMRAVATI)	5	5470
	FINANCIAL ASSISTANCE FOR PURCHASING BLAZER	2	2600
	FINANCIAL ASSISTANCE FOR PURCHASING BLAZER	2	2600
	FINANCIAL ASSISTANCE FOR PARTICIPATING KABADDI (AMRAVATI)	1	1850
<b>TOTAL</b>	<b>116</b>	<b>85924</b>	



*D. W. S.*  
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**Office Circular**  
**POOR STUDENTS AID FUND 2019-20**

For the session 2019-2020, Poor student aid fund committee has recommended scholarship to the following students. The scholarship is disbursed to the following students by cheque.

<b>SR. NO.</b>	<b>NAME OF STUDENTS</b>	<b>CLASS</b>	<b>AMOUNT</b>
1	KIRAN VINDOE EKADE	B.A. III	1000
2	AMRUTI GAJANAN TUPKARI	B.A. III	1000
3	SAKSHI AJIT GUPTA	B. COM. II	1000
4	ANJALI VILAS KULKARNI	B. COM. II	1000
5	MANJUSHA VILAS KULKARNI	B. COM. II	1000
6	SAPANA ARUN SABE	B. COM. II	1000
7	MOHD SHAHRUKH MOHD. RAZIQUE	B. SC. I	1000
8	YASHODA KANHAIYALAL BALANI	B. SC. I	1000
9	SHIVANI SATHISHRAO INGLE	B. SC. III	1000
10	VAISHANAVI SARANGDHAR AMBHORE	B.C.A.I	1000
11	PALLAVI ANIL THAKARE	B.C.A.I	1000
12	KAPIL SURESH UGALE	B.C.A.I	1000
13	DIP SATISH INGLE	B.C.A.I	1000
14	ANKITA RAJENDRA ANDHARE	M. A. I (MAR)	1000
15	CHETAN OMPRAKASH GANDHI	M. A. I (HIN)	1000
16	ACHAK NANDKISHOR BARDIYA	B. C. A. I	1000
17	VAISHALI KISHOR CHAVAN	B. A. III	500
18	AISHWARYA SANTOSH INGLE	B. SC. I	500
19	AISHWARYA ANIL DESHPANDE	B. SC. III	500
20	RUTUJA RAVINDRA SURYAWANSHI	B. SC. III	500
21	SHITAL SANTOSH INGLE	B. SC. III	500
22	KOMAL SANJAYRAO INGLE	B. SC. III	500
23	NAUSHEEN AARA JAWED IQBAL	B. SC. I	500
24	ANAM SADEQUA ZIAUL HASAN SHAISTA KHANAM	B. SC. I	500
25	SHITAL KRUSHNRAO SURYAVANSHI	B.C.A.I	500
26	SHITAL SANTOSH INGLE	B.C.A.I	500
27	SHIVANI KESHARSING WATPAL	B. SC. I	500
28	SHIVANI RAVIKUMAR JOSHI	B. SC. III	500
	<b>TOTAL AMOUNT</b>		<b>22000</b>

**G. S. Science, Arts & Commerce College, Khamgaon****Annual Day Prizes 2019-20**

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>AMOUNT</b>
1	PAVAN ANILKUMAR DHAWALE	11000
2	ANCHAL SANJAY GUPTA	11000
3	KANCHAN SHRIKRUSHNA CHIM	3500
4	SNEHA GOPAL MANSUTE	3500
5	GAYATRI ANIL BHATTAD	501
6	SURAJ TUKARAM GHOPE	501
7	PAVAN ANILKUMAR DHAWALE	501
8	SHITAL SANJAY DALVI	501
9	SHIVANI SURENDRA DESHMIKH	250
10	NISHA PURUSHOTTAM KHANDELWAL	501
11	KANCHAN SHRIKRUSHNA CHIM	500
12	NISHA PURUSHOTTAM KHANDELWAL	500
13	DIKSHA NILESH AGRWAL	501
14	PUJA PRAKASH KAPATE	250
15	SHIVANI SURENDRA DESHMIKH	501
16	RUSHIKESH RAVINDRA DALVI	501
17	VAISHNAVI SANJAY TIKAR	501
18	SHIVANI SURENDRA DESHMIKH	500
19	GAYATRI ANIL BHATTAD	500
20	PRAJKTA SANJAY BALAPURE	500
21	KANCHAN SHRIKRUSHNA CHIM	501
22	SHITAL SANJAY DALVI	501
23	DURGA MUKUNDA GAWAI	501
24	SURAJ VINAYAK FALKE	501
25	ANJU SHIVDAS PALIWAL	1000
26	PRAJKTA SANJAY BALAPURE	501
27	PUJA PRAKASH KAPATE	501
28	NITIN ANIL HIWRALE	501
29	KAJAL JEEVAN HIWARE	500
30	AISHWARYA SHRIRAM DHABALE	501
31	RUSHIKESH RAVINDRA DALVI	500
32	SNEHA GOPAL MANSUTE	500
33	SAMPADA VASANT GADEKAR	1000
34	SHITAL SANJAY DALVI	1000
35	AISHWARYA SHRIRAM DHABALE	1000
36	SAMPADA VASANT GADEKAR	501
37	SNEHAL SURESH UMALE	1000
<b>TOTAL AMOUNT</b>		<b>47518</b>

## SPORTS & YOUTH FESTIVAL PARTICIPANTS & AMOUNT (2019-20)

This to certify that following number of students we provided with financial assistance for participation in sports and cultural event by our college. This data is extracted from the financial statement of the college.

Name /Title of the scheme	Number of students	Amount in Rupees
FINANCIAL ASSISTANCE FOR PARTICIPATING YOUTH FESTIVAL	33	36208
FINANCIAL ASSISTANCE FOR PARTICIPATING CHESS (SHEGAON)	4	2400
FINANCIAL ASSISTANCE FOR PARTICIPATING CHESS (AMRAVATI)	1	1200
FINANCIAL ASSISTANCE FOR PARTICIPATING BADMINTON (SAKARKHERDA)	5	1400
FINANCIAL ASSISTANCE FOR PARTICIPATING ATHLETICS (AMRAVATI)	11	5200
FINANCIAL ASSISTANCE FOR PARTICIPATING POWER LIFTING (KURHA)	1	1200
FINANCIAL ASSISTANCE FOR PURCHASING BLAZER	1	1300
FINANCIAL ASSISTANCE FOR ARCHERY (YAVATMAL)	1	1200
FINANCIAL ASSISTANCE FOR PARTICIPATING CROSS COUNTRY (BADNERA)	1	1000
<b>TOTAL</b>	<b>58</b>	<b>51108</b>



*D. W. S.*  
Principal  
G. S. Arts & Commerce  
College, Khamgaon-444 303.



**G. S. Science, Arts & Commerce College, Khamgaon**

**Annual Day Prizes 2020-21**

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>AMOUNT</b>
1	KOMAL DILIP SOLANKE	11000
2	PRASHANT KOMALSINGH THAKUR	11000
3	SHITAL SANJAY DALVI	7000
4	KANCHAN SHRIKRUSHNA CHIM	501
5	AKASH MAHADEV MARODE	501
6	KOMAL DILIP SOLANKE	501
7	SUVERNA GAJANAN SAPKAL	501
8	AISHWARYA ANIL DESHPANDE	250
9	GANESH MURLILDHAR BELOKAR	501
10	RUTUJA SHYAM KOLHE	500
11	GANESH MURLILDHAR BELOKAR	500
12	HUDA SABAHAT KALIK BEG	501
13	JAYSHRI KESHAV MAHARKHEDE	250
14	AISHWARYA ANIL DESHPANDE	501
15	VAISHNAVI PRAKASH INGLE	501
16	MAHEK KAMALKUMAR RAMCHANDANI	251
17	MUSKAN KAMALKUMAR RAMCHANDANI	250
18	AISHWARYA ANIL DESHPANDE	500
19	VIJAY GOPAL SURYAWANSHI	500
20	NAMRATA PANDIT JAWARE	500
21	RUCHITA RAJU TODKAR	501
22	ASHWINI KOUTIKRAO SISODE	501
23	AKASH MAHADEV MARODE	501
24	DIPALI SAMADHAN KOTHALKAR	501
25	DARSHANA MAHESHKUMAR SONI	1000
26	NAMRATA PANDIT JAWARE	501
27	KALPANA GAJANAN SHIRSAT	501
28	GAJANAN MAROTRAO WAICHAL	501
29	GAJANAN MAROTRAO WAICHAL	500
30	HEMLATA CHANDRAKANT MORE	501
31	AVINASH SUDHAKAR ZALTE	500
32	VAISHNAVI PRAKASH INGLE	500
33	DARSHANA MAHESHKUMAR SONI	1000
34	SUVERNA GAJANAN SAPKAL	1000
35	HEMLATA CHANDRAKANT MORE	1000
36	RUTUJA GANPAT YADGIRE	501
37	CHARANSINGH DARBARSINGH PAWAR	500
38	UJJWALA BHAGWAT BHARAMBE	500
<b>TOTAL AMOUNT</b>		<b>47518</b>



*Dawar*  
Principal  
G. S. Science, Arts & Commerce  
College, Khamgaon-444302  
(Dr. D. S. Talwar) Principal

**G. S. Science, Arts & Commerce College, Khamgaon**

**List of Students who submitted inhouse summer research project in the year 20201 & got scholarship**

<b>Sr. No.</b>	<b>Name of Students</b>	<b>Amount</b>
1	Ankita V. Purohit	500
2	Tanaya A. Mate	500
3	Divya S. Dhole	500
4	Ruchika K. Vyas	500
5	Vaishnavi Sahu	500
6	Harshad R. Dhondge	500
7	Shubhangi V. Unhale	500
8	Bhagwat B. Nimbokar	500
9	Vaishnavi V. Khandare	500
10	Nikhil V. Devale	500
11	Vishakha V. Tantak	500
12	Sakshi A. Gupta	500
13	Vaishnavi V. Kale	500
14	Ujwala S. Satao	500
15	Ankita T. Kalpande	500
16	Ashwini J. Sanap	500
17	Gayatri V. Thite	500
18	Dipali B. Aochar	500
19	Gaytri S. Bhore	500
20	Vishakha L. Bhopale	500
21	Ashwini D. Tayade	500
22	Bhargav N. Bhatti	500
23	Gayatri R. Nerkar	500
24	Dipali S. Paraskar	500
25	Komal S. Ingle	500
26	Shital S. Ingle	500
27	Mayuri S. Banherkar	500
28	Ashwini R. Mhasal	500
29	Arti V. Ghive.	500
30	Pragati D. Ghive	500
31	Dnyaneshwari B. Rahate	500
32	Bhagyashree R. Bharambe	500
33	Chaitali G Raut	500
34	Tushar Patil	500
35	Sakshi S. Jadhao	500
36	Mrunal Chavan	500
37	Vijay P. Chopade	500
38	Sandesh S. Rakhonde	500
39	Sampada V. Gadekar	500

**G. S. Science, Arts & Commerce College, Khamgaon**

<b>Sr. No.</b>	<b>Name of Students</b>	<b>Amount</b>
40	Yogita R. Dawale	500
41	Tejas V. Zamre	500
42	Shravani S. Kulkarni	500
43	Jyoti G. Daberao	500
44	Namrata G. Tekade	500
45	Ashwini S. Patade	500
46	Sakshi S. Patil	500
<b>Total Amount</b>		<b>23000</b>



*Dawale*

*Principal*  
G.S. Science, Arts & Commerce  
College, Khamgaon-444303

**(Dr D S Talwankar)**  
**Principal**

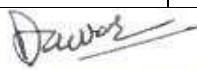


**G. S. Science, Arts & Commerce College, Khamgaon**

**Needy Students Aid Fund (2020-21)**

SR. NO.	NAME OF STUDENTS	CLASS	AMOUNT
1	SHUBHAM PRADIP KHODKE	B. C. A. - I	1000
2	VIVEK DILIP KHODKE	B. C. A. - I	1000
3	MADHAV ZAMANDAS TEKWANI	B. COM. I (Eng.)	1000
4	ANJALI VILAS KULKARNI	B. COM. I (Eng.)	1000
5	MANJUSHA VILAS KULKARNI	B. COM. I (Eng.)	1000
6	SAKSHI AJIT GUPTA	B. COM. I (Eng.)	1000
7	KAVITA GANESH TARAPURE	B. COM. I (Mar.)	1000
8	MOHD. SHAHRUKH MOHD. RAZIQUE	B. SC. II (MICRO)	1000
9	YASHODA KANHAILAL BALANI	B. SC. II (CBZ)	1000
10	SHITAL SANTOSH INGLE	M. SC. I (CHEMISTRY)	1000
11	KOMAL SANJAYRAO INGLE	M. SC. I (CHEMISTRY)	1000
12	VAISHNAVI SANJAY DESHMUKH	M. SC. I (CHEMISTRY)	1000
13	SANJIVANI SHATRUGHNA VERULKAR	M. SC. I (COMP. SCI.)	1000
14	MANOJ ZAMANDAS TEKWANI	D. TAX	1000
15	SK. FAHIM SK. MAHEBOOB	B. COM. I (Eng.)	1000
16	PRATIKSHA GAJANANRAO INGLE	B. COM. I (Eng.)	1000
17	SWATI PRABHAKAR BORADE	B. SC. II (PCM)	1000
18	GANESH RAJENDRA NATKUT	B. A. I	1000
19	KALYANI RAJU DESHMUKH	B. A. II	1000
20	VAILSHALI RAJESH PATIL	M. A. I	1000
21	PALLAVI ASHOK DAHI	B. SC. I (CBZ)	2000
22	KHUSHAL SURESH ANDULE	B. SC. II (PEM)	2000
23	SWAMINI KHUMANSING INGLE	B. SC. I (PCM)	500
24	NEHA RAJU SISODE	B. SC. I (PCM)	500
25	AISHWARYA SANTOSH INGLE	B. SC. I (PCM)	500
26	VAISHNAVI SANJAY TIKAR	B. SC. III (CSM)	500
27	VAISHNAVI MUKESHRAO DESHMUKH	B. COM. I (Eng.)	500
28	PALLAVI SANJAY TIKAR	B. COM. I (Eng.)	500
29	PRATAP GUNJI GADRYA	B. SC. III (CBZ)	500
30	NIKITA VILASSING JADHAO	B. COM. III (Eng.)	500
31	SAKSHI SURESH NEMANE	B. SC. I (PCM)	500
32	SHRUSHTI SIDHESHWAR GOBRE	B. COM. III (HIN.)	500
33	DIPALI GANESH DATIR	M. SC. I (ZOOLOGY)	500
34	ARTI VASUDEO GHIVE	M. SC. I (CHEMISTRY)	500
35	PRAGATI DHARMRAJ GHIVE	M. SC. I (CHEMISTRY)	500
36	SHRIKANT GANESH VERULKAR	M. SC. I (CHEMISTRY)	500
	<b>TOTAL AMOUNT</b>		<b>31000</b>



  
 Principal  
 G.S. Science, Arts & Commerce  
 College, Khamgaon-444303  
**(Dr D S Talwankar)**  
 Principal

**G. S. Science, Arts & Commerce College, Khamgaon**  
**Annual Day Prizes 2021-22**

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>AMOUNT</b>
1	AISHWARYA SHRIRAM DHABALE	11000
2	SAMPADA VASANT GADEKAR	11000
4	SAMPADA VASANT GADEKAR	501
5	SHITAL SANJAY DALVI	501
6	AANAN KRUSHNA SAPDHARE	501
7	SHAGUPTA ANJUM SAYYED RIYAJUDDIN	501
8	ANJU SHIVDAS PALIWAL	500
9	POONAM VASUDEV RAUT	501
10	POONAM VASUDEV RAUT	500
11	RUTIK RAJENDRA AWACHAR	501
12	SHITAL SANJAY DALVI	1000
13	ANJU SHIVDAS PALIWAL	501
14	SURAJ GAJANAN GATHE	501
15	RAKSHA PRAMOD TIRUKH	501
16	ANJU SHIVDAS PALIWAL	500
17	MUFIJ AHMAD KHAN SHAHZAD KHAN	500
18	POOJA GAJANAN KUSUMBE	500
19	RUSHIKESH SANTOSH DALI	501
20	RANI BALKRUSHNA SHIRSAT	501
21	MAHESH SATYAVIJAY MHAISAGAR	501
22	PALLAVI ARUN BHATKAR	501
23	VAISHALI RAMESHWAR VERULKAR	501
24	LAXMI VISHNU TIJARE	501
25	AFIFA ABIR MOHD ARIFUDDIN	1000
26	POOJA GAJANAN KUSUMBE	501
27	ASHUTOSINGH SARDARSINGH SINSINWAR	501
28	SUHANI KAILASHSINGH RAJPUT	501
29	SUHANI KAILASHSINGH RAJPUT	500
30	DHANSHREE MADHAO DESHPANDE	501
31	GANESH MURLIDHAR BELOKAR	500
32	JYOTSNA PRAKASH BHIDE	500
33	AFIFA ABIR MOHD ARIFUDDIN	1000
34	SHAGUPTA ANJUM SAYYED RIYAJUDDIN	1000
35	DHANSHREE MADHAO DESHPANDE	1000
36	ADITI VASANT DESHPANDE	501
37	KHUSHI PARLHAD VYAWHARE	501
38	AANAN KRUSHNA SAPDHARE	1000
39	AKASH GAJANAN CHAUHAN	501
40	VAIBHAV MANOHAR TATHE	501
41	NIKITA PANDIT PATIL	701
<b>TOTAL AMOUNT</b>		<b>44224</b>

## Students Welfare Fund

Academic Year 2021-22

Sr. No.	Name of Student	Class	Amount in Rs.
1	Mahesh Arjun Rathod	B. A. Part - II	1000
2	Madhao Zamandas Tekwani	B. Com. Part - II	1000
3	Sourabh Santosh Dawange	B. C. A. Part - I	1000
4	Om Samadhan Londhe	B. C. A. Part - I	1000
5	Shubham Pradip Khodke	B. C. A. Part - II	1000
6	Rohit Vinod Ekade	B. C. A. Part - III	1000
7	Prafull Kisan Karangale	B. C. A. Part - III	1000
8	Shubham Raju Panhalkar	B. C. A. Part - III	1000
9	Ananta Devanand Tathe	B. C. A. Part - III	1000
10	Pavan Suresh Malokar	B. C. A. Part - III	1000
11	Vivek Dilip Khodke	B. C. A. Part - III	1000
12	Kapil Suresh Ugale	B. C. A. Part - III	1000
13	Rushikesh Dipak Dhole	B. C. A. Part - III	1000
14	Deep Satish Ingle	B. C. A. Part - III	1000
15	Tejas Satish Kulkarni	B. C. A. Part - III	1000
16	Shubham Gajanan Dhole	B. C. A. Part - III	1000
17	Priyanka Prakash Patil	M. Sc. Part -II	1000
18	Pragati Kishorrao Nimbalkar	M. Sc. Part - I	1000
19	Vaishnavi Sanjay Tikar	M. Sc. Part - I	1000
20	Bhumika Bharat More	M. Sc. Part - I	1000
21	Ankita Suresh Patil	M. Sc. Part - I	1000
22	Pratap Gunji Gadrya	M. Sc. Part - I	1000
23	Shital Santosh Ingle	M. Sc. Part - II	1000
24	Komal Sanjayrao Ingle	M. Sc. Part - II	1000
25	Natasha Prakash Sharma	M. A. English Part -I	1000
26	Shaikh Fahim Shaikh Mehboob	B. Com. Part - II	1000
27	Pratiksha Gajananrao Ingle	B. Com. Part - II	1000
28	Radha Tarachand Pardeshi	B. Com. Part - III	1000
29	Simran Sanjay Jain	B. A. Part - II	1000
30	Swamini Khumansingh Ingle	B. Sc. Part - II	1000
31	Neha Raju Sisode	B. Sc. Part - II	1000
32	Aishwarya Santosh Ingle	B. Sc. Part - III	1000
33	Ajay Dhanraj Naik	B. Com. Part - I	1000
34	Pallavi Sanjay Tikar	B. Com. Part - II	1000
35	Amruta Gajanan Tipkari	M. A. English Part -II	1000
36	Sakshi Ajit Gupta	M. Com. Part -I	1000
37	Rani Laxman Mali	B. Sc. Part - I	500
38	Ashish Omprakash Tayade	B. Com. Part - I	500
<b>Total Amount</b>			<b>37000</b>

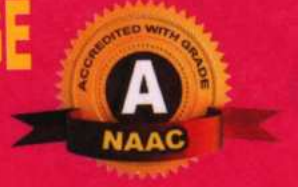




# G. S. SCIENCE, ARTS & COMMERCE COLLEGE

KHAMGAON - 444 303, Dist. Buldana (M.S.)

Reaccredited by NAAC with 'A' Grade - CGPA 3.08 (Third Cycle)



**Dr. D. S. Talwankar** M.Sc. Ph.D.SET  
Principal

Office : 255200 Resi.: 254594  
Fax : 07263 - 253844  
e-mail : principal@gsck.ac.in / gskhamgaonprincipal@gmail.com  
Website : www.gsck.ac.in

No. 1784

Date 9 JAN 2023

## CERTIFICATE

This is to certify that we provide financial assistance to our students to attend various cultural and sporting events.

The details of such financial assistance provided are as follows-

Sports - Rs. 86060/-

Cultural - Rs. 83426/-

Principal

G. S. Sci., Arts & Commerce  
College, Khamgaon-444303

**G. S. Science, Arts & Commerce College, Khamgaon****Annual Day Prizes 2022-23**

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>AMOUNT</b>
1	HEMLATA CHANDRAKANT MORE	11000
2	MEHEK KAMALKISHOR RAMCHANDANI	11000
4	VAISHNAVI ANIL KALNE	501
5	GAJANAN MAROTRAO WAYCHAL	501
6	HEMLATA CHANDRAKANT MORE	501
7	DEEPIKA SAGAR BELOKAR	501
8	PRIYA GHANSHYAMDAS NAGDEV	500
9	DYNESHWARI DILIP TIWHANE	500
10	GAURAV RAJESH GHANOKAR	501
11	NEHA SURESH DESHMUKH	500
12	GAURAV RAJESH GHANOKAR	500
13	ASHWINI KAUTIKRAO SISODE	1000
14	PRIYA GHANSHYAMDAS NAGDEV	501
15	DYNESHWARI DILIP TIWHANE	501
16	GANESH MURLIDHAR BELOKAR	501
17	GAYATRI PRAKASH DHOLE	501
18	VAISHNAVI ANIL KALNE	1000
19	KARAN MADHUKAR TALWARE	1000
20	PRIYA GHANSHYAMDAS NAGDEV	500
21	DYNESHWARI DILIP TIWHANE	500
22	DARSHANA MAHESHKUMAR SONI	500
23	BHAGYASHRI BALIRAM NIMKARDE	501
24	AJAYSINGH GUMANSINGH RAJPUT	501
25	NISHA SAKHARAM KHAMBAITKAR	501
26	KOMAL VISHNU GAIKWAD	1000
27	SMITA PRADIPKUMAR PORWAL	501
28	NISHA PURUSHOTTAM KHANDELWAL	501
29	DEEPIKA SAGAR BELOKAR	501
30	RUSHIKESH SANJAY RAUT	500
31	MEGHA KESHAV KHANDARE	501
32	GANESH MURLIDHAR BELOKAR	500
33	SURBHI RAJENDRA DEVRE	500
34	KOMAL VISHNU GAIKWAD	1000
35	DEEPIKA SAGAR BELOKAR	1000
36	MEGHA KESHAV KHANDARE	1000
37	GAURAV KAILASH RATHOD	501
38	NILESH RAMESHWAR KHANDAGALE	1000
39	AYUSHI RAJESH GUPTA	1000
40	GARGI DIGAMBAR PINGLE	1000
41	GAURAV S. CHAUDHARY	1000
42	SAKSHI RAJESH SHARMA	1000
<b>TOTAL AMOUNT</b>		<b>47517</b>

**STUDENTS WELFARE FUND**  
**ACADEMIC YEAR 2022-23**

SR. NO.	NAME OF STUDENT	CLASS	AMOUNT IN RS.
1	EKTA UDAYSINGH CHAUHAN	XII SCIENCE	1500
2	MONIKA ANIL GANGE	B. C. A. - I	1500
3	HARSHAL KASHIRAM LANJULKAR	B. C. A. - I	1500
4	DNYANESHWARI VINDO BELOKAR	B. C. A. - I	1500
5	NEHA SANJAY CHOPDE	B. C. A. - I	1500
6	SHAILESH VIJAY WAKTE	B. C. A. - I	1500
7	SAKSHI SUNIL NAGPURE	B. C. A. - I	1500
8	RAJNI SANJAY MUNDE	B. C. A. - I	1500
9	KOMAL SANTOSH MIRGE	B. C. A. - I	1500
10	SHIVANI VILAS KUDALE	B. C. A. - I	1500
11	SHRADDHA JANARDAN BHUSARI	B. C. A. - I	1500
12	VIJAY SUBHASH HIWALE	B. C. A. - I	1500
13	MINAKSHI MAHADEV WAWAGE	B. C. A. - I	1500
14	NIKITA RAJENDRA DIWNALE	B. C. A. - I	1500
15	SARALE KAILASH BHONDEKAR	B. C. A. - I	1500
16	DIVYA VINOD WARANKAR	B. C. A. - I	1500
17	VAISHNAVI PRAMOD SONAR	B. C. A. - I	1500
18	ANJALI PRAMOD GAIKWAD	B. C. A. - I	1500
19	VAIBHAV VILAS ADHAV	B. C. A. - I	1500
20	RINA VIVEK SARBHUVAN	B. C. A. - I	1500
21	SALONI DASHRATH BORA	B. C. A. - I	1500
22	ARPITA SHARAD BAKAL	B. C. A. - I	1500
23	RAJ SHRIKRUSHNA WAGH	B. C. A. - I	1500
24	SHIVAM PRAMOD KONDE	B. C. A. - I	1500
25	NITYA GAJANAN AGINKAR	B. C. A. - I	1500
26	GAURAV MOHAN MANASKAR	B. C. A. - I	1500
27	AVINASH GOPAL DANDADE	B. C. A. - I	1500
28	MAHESH TUKARAM DHORE	B. C. A. - I	1500
29	ASHISH RAMDAS WADATKAR	B. C. A. - I	1500
30	ISHWAR VASANTA ADHAV	B. C. A. - I	1500
31	VISHNU RAMESH HAJARE	B. C. A. - I	1500
32	ADARSH BALU HATKAR	B. C. A. - I	1500
33	VAIBHAV PRALHAD NIMKARDE	B. C. A. - I	1500
34	DIPALI VITTHAL PARKHEDE	B. C. A. - I	1500
35	SHUBHAM JAGANNATH KARANGALE	B. C. A. - II	1500
36	SIDDHESH ANIL VAHILE	B. C. A. - III	1500
37	VAISHNAVI SUBHASH THAKARE	B. C. A. - III	1500
38	TEJASWINI DINKARRAO PAWAR	M. SC. I (COMP. SCI.)	1500
39	MAYURI SANDIP NARKHEDE	M. SC. I (COMP. SCI.)	1500
40	SWATI BHAGWAN SHELKAR	M. SC. I (COMP. SCI.)	1500
41	VAISHNAVI ANIL KALNE	M. SC. I (COMP. SCI.)	1500
42	PRAGATI SANTOSH DEOCHE	M. SC. I (COMP. SCI.)	1500
43	GAURI SURESH BHARAT	M. SC. I (COMP. SCI.)	1500

44	BHAGYSHRI PRAKASH PATIL	M. SC. I (COMP. SCI.)	1500
45	PAYAL SHYAMRAO THAKARE	M. SC. I (COMP. SCI.)	1500
46	SNEHAL ANIL BHARAMBE	M. SC. I (COMP. SCI.)	1500
47	NAMRATA MANOHAR HAGE	M. SC. I (COMP. SCI.)	1500
48	PALLAVI RAMESH GAIKWAD	M. SC. I (COMP. SCI.)	1500
49	ASHWINI SURESH PATADE	M. SC. I (COMP. SCI.)	1500
50	KOMAL SUDHAKAR TATHE	M. SC. I (COMP. SCI.)	1500
51	ASHWINI ANANTA BORSE	M. SC. I (COMP. SCI.)	1500
52	GAURI RAVINDRA PATHAK	M. SC. I (COMP. SCI.)	1500
53	VAISHNAVI SANJAY TIKAR	M. SC. II (COMP. SCI.)	1500
54	ANKITA SURESH PATIL	M. SC. II (COMP. SCI.)	1500
55	AISHWARYA SANTOSH INGLE	M. SC. II (PHYSICS)	1500
56	MADHAV ZAMANDAS TEKWANI	B. COM. III	1500
57	ASHWINI JAGANNATH PAWAR	M. COM. I	1500
58	PAYAL SANTOSH MUKUND	M. COM. II	1500
59	SHWETA GANESH KATE	M. COM. II	1500
60	ABDUL JAVED ABDUL RASHID	M. A. I (HISTORY)	1500
61	SHRADDHA ARUN BAWASKAR	M. A. I (MARATHI)	1500
62	VAISHALI DHONDU MAMATKAR	M. A. I (HINDI)	1500
63	NITA MANOHAR GADAM	M. A. I (ENGLISH)	1500
64	NATASHA PRAKASH SHARMA	M. A. II (ENGLISH)	2000
65	PRATIKSHA GAJANANRAO INGLE	B. COM. III	2000
66	SHEIKH FAHIM SHEIKH MEHBOOB	B. COM. III	2000
67	TRUPTI BHARAT PAWAR	B. SC. I	1000
68	SAKSHI GAJANAN TIKAR	B. SC. I	1000
69	SAGAR ISHWAR WARE	B. SC. II	1000
70	VRUSHALI JAYANT SAPRE	B. SC. II	1000
71	KALYANI JAGDISHRAO PACHPOR	B. SC. II	1000
72	NEHA RAJU SISODE	B. SC. III	1000
73	CHANCHAL VINOD KAKAD	B. COM. I	1000
74	PREMA BALKRUSHNA VAIDYA	B. COM. I	1000
75	AJAY DHANRAR NAIK	B. COM. II	1000
76	BHAKTI MAHENDRA TIWARI	B. COM. II	1000
77	PALLAVI SANJAY TIKAR	B. COM. III	1000
78	MAHESH ARJUN RATHOD	B. A. III	1000
79	JAYASHRI RAJESH DHUMONE	M. COM. I	1000
80	ASMITA RAJENDRA WAKODE	B. SC. I	500
81	SACHIN GOVIND KATHOLE	B. SC. I	500
82	KARTIK VINOD NAWKAR	B. SC. I	500
83	VAISHNAVI NANDKISHOR NAWTHALE	B. SC. I	500
84	REKHA PRAKASH MULDALE	B. SC. I	500
85	SHIWANI MAHADEV RAUT	B. SC. I	500
86	RANI LAXMAN MALI	B. SC. II	500
87	ANJALI VIJAY GHYAR	B. SC. II	500
88	NARAYAN KASHRAM GAWHALE	B. SC. II	500
89	KRUSHIKESH SUNIL JAMBHE	B. SC. II	500



90	ANAND PADMAKAR MORKHADE	B. SC. II	500
91	PUNAM GAJANAN KALE	B. SC. II	500
92	VAISHNAVI MAHADEV GHORPADE	B. SC. II	500
93	NAINA SANJAY HADE	B. SC. II	500
94	GOPAL PRLHAD WANKADE	B. SC. III	500
95	SWAMINI KHUMANSINGH INGLE	B. SC. III	500
96	VAISHNAVI JAIPALSINGH JADHAO	B. SC. III	500
97	ASHISH OMPRAKASH TAYDE	B. COM. II	500
98	BHAVNA JITENDRASINGH PATIL	B. COM. II	500
99	VAISHNAVI SANJAY THOSARE	B. A. I	500
<b>TOTAL AMOUNT</b>			<b>123500</b>

  
 Dr. D. S. Takvankar  
 Principal  
 G.S. Sel. Arts & Commerce  
 College, Khambhon-444363





# G. S. SCIENCE, ARTS & COMMERCE COLLEGE

KHAMGAON - 444 303, Dist. Buldana (M.S.)

Reaccredited by NAAC with 'A' Grade - CGPA 3.08 (Third Cycle)



**Dr. D. S. Talwankar** M.Sc. Ph.D.SET  
Principal

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e-mail : principal@gsck.ac.in / gskhamgaonprincipal@gmail.com  
Website : www.gsck.ac.in

No. 733

Date. 4 AUG 2023

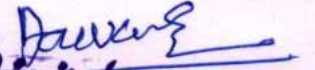
## CERTIFICATE

This is to certify that we provide financial assistance to our students to attend various cultural and sporting events in the academic year 2022-23.

The details of such financial assistance provided are as follows –

Sports – Rs. 175538/-

Cultural – Rs. 461979/-

  
Principal

G. S. Sci. Arts & Commerce  
College, Khamgaon - 444 303

G. S. SCIENCE, ARTS & COMMERCE COLLEGE KHAMGAON-444303  
Dist. Buldana (M.S.)



**In-house Summer Research Program 2023**  
**Conceptualized by Research Advisory Committee**  
**(An initiative of IQAC)**

**A report on In-house Summer Research Program 2022-23**

As per policy for promotion of Summer Research, online summer research program was conducted during the academic year 2022-23. Names of the interested mentors along with alumni of the G.S.College were invited through a Google form in which their research area was also asked. Total 30 mentors showed their willingness to guide the students. Students' applications were invited through a Google form by the IQAC. They were given a choice to select a mentor and area of research. About 288 students applied for the summer internship under the mentorship of 30 mentors.

**In-house Summer Research Program 2023**  
**Conceptualized by Research Advisory Committee**  
**(Initiative of IQAC)**

As a part of policy for promotion of Summer Research, IQAC of our college is conducting  
**In-house Summer Research Program**

Teachers interested to mentor students for Summer Research shall fill out following Google form:  
<https://forms.gle/ETYY7A4GRmA4uDGB9>

Students form will be designed based on the data received from the teachers.

Last date of form submission for mentor : 15 May, 2023

<b>Dr. P.V. Ubale</b> Convenor (RAC)	<b>Dr. H.S. Chandak</b> IQAC Coordinator	<b>Dr. D.S. Talwankar</b> Principal
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Note: All Ph.D supervisors are requested to mentor at least two college students

Snapshot 1: Brochure of the In-House Summer Research Program

A few students were shortlisted based on their academic record and availability of IT infrastructure with them. Summer research program was successfully completed under following mentors:

1. Dr A D Bhosle (Commerce- 17 students )
2. Dr A A Tayade (Computer Science- 19 students)
3. H S Chandak (Chemistry- 11 students)
4. Dr M O Wankhade (Statistics- 5 students)
5. Dr P E Ajmire (Computer Science- 5 students)
6. Dr D S Talwankar (Botany- 2 students)
7. Dr P V Ubale (Statistics- 5 students)
8. Dr A V Padghan (Botany - 2 students)
9. Mrs. S G Waychal ( Sanskrit- 2 students )
10. Dr. M S Gayakwad ( Commerce – 5 students )
11. Prof. V U More ( Marathi – 2 students )
12. Dr. V S Athawar ( Statistics – 2 students )
13. Dr. S. T. Warade ( Economics – 1 student )
14. Dr. R R Gawhale ( Economics – 1 student )
15. Dr. K. S. Gulhane ( Commerce – 2 students )
16. Dr. G. B. Kale ( Zoology – 3 students )
17. Dr. D. M. Nagrik ( Chemistry – 2 students )
18. Shri C A Umesh Agrawal ( Commerce – 1 student )

Students worked in the laboratory and get hands-on experience on various laboratory skills. Mentors conducted on-line and in-person meetings with the students. They introduced them with the concepts of research method and research methodology. They were also made aware about formulation of a research problem.

All the students who undertook in-house summer research were awarded with a institutional scholarship of Rs 500 each. Total 86 scholars were awarded with a scholarship of Rs 500 each. It is noteworthy to mention that Hon'ble Vice-President Shri A P Jhunjhunwala sponsored a fellowship in the fond memory of freedom fighter Late Purshottamji Motilalji Jhunjhunwala. A scholarship of Rs. 500 each to all the 24 students from Commerce faculty was sponsored by him. Remaining 63 students were awarded with a institutional scholarship of Rs. 500 each.

List of the students who successfully completed In-house Summer Research Project 2021-22 with a link to their report is appended below. Following **87 students** successfully competed in-house summer research program:



S r . N o .	Name of The Student	Class during the session 2022-23	Name of the mentor	Title of the project	Link to access PDF of project
	Arpita A. Narkhede	MSc 1 (Comp Sci)	A A Tayde	Solar System	<a href="https://drive.google.com/open?id=1W2I3UukWoIoRb9BwVzZVzop8x9P4mYzJ">https://drive.google.com/open?id=1W2I3UukWoIoRb9BwVzZVzop8x9P4mYzJ</a>
	Ashwini A. Borse	MSc 1 (Comp Sci)	A A Tayde	Implementation Of Flag	<a href="https://drive.google.com/open?id=1AyDwXjrXGleUFIRcfPERuItGvKWrlJwu">https://drive.google.com/open?id=1AyDwXjrXGleUFIRcfPERuItGvKWrlJwu</a>
	Ashwini S. Patade	MSc 1 (Comp Sci)	A A Tayde	Website of registration vehicle	<a href="https://drive.google.com/open?id=1eJSjwT12sK_f1BWrym2Fdi5FqI8gk3Ya">https://drive.google.com/open?id=1eJSjwT12sK_f1BWrym2Fdi5FqI8gk3Ya</a>
	Bhagyashri P. Patil	MSc 1 (Comp Sci)	A A Tayde	Flower shop landing page	<a href="https://drive.google.com/open?id=1oIAI3UJIZI56nSbikN6xFiEy0qn8lpXW">https://drive.google.com/open?id=1oIAI3UJIZI56nSbikN6xFiEy0qn8lpXW</a>
	Dhanashree S. Dhake	Bsc II (CAPE)	A A Tayde	Website of Diamonds	<a href="https://drive.google.com/open?id=1_kdDHnNJAjrb02wJmoGz370aHia0fULM">https://drive.google.com/open?id=1_kdDHnNJAjrb02wJmoGz370aHia0fULM</a>
	Gauri R. Pathak	MSc 1 (Comp Sci)	A A Tayde	Tic-Tac-Toe Game	<a href="https://drive.google.com/open?id=16IS99INjvv2AcJZRG8cmkM4RwTGHx5IF">https://drive.google.com/open?id=16IS99INjvv2AcJZRG8cmkM4RwTGHx5IF</a>
	Gauri S. Bharate	MSc 1 (Comp Sci)	A A Tayde	Website of Gym Workout	<a href="https://drive.google.com/open?id=1ip4ig5dMACrG9KZV2e1HiFwHgedAdkg2">https://drive.google.com/open?id=1ip4ig5dMACrG9KZV2e1HiFwHgedAdkg2</a>
	Komal S. Tathe	MSc 1 (Comp Sci)	A A Tayde	My Online Meal	<a href="https://drive.google.com/open?id=1KYbqbs7x8Mz1cQ2SGrtTxeutZUtoTwlk">https://drive.google.com/open?id=1KYbqbs7x8Mz1cQ2SGrtTxeutZUtoTwlk</a>
	Krishnakumar V. Sharma	BCA-II	A A Tayde	Scope of IT Sectors	<a href="https://drive.google.com/open?id=1_5y8ISUI7RxcaNhQT56mbJi0UyFqKrks">https://drive.google.com/open?id=1_5y8ISUI7RxcaNhQT56mbJi0UyFqKrks</a>
	Payal S. Thakare	MSc 1 (Comp Sci)	A A Tayde	Graphics design of Tajmahal	<a href="https://drive.google.com/open?id=1QOmoWXk5wuN5VjVVHzlm3sIXGwWyKlje">https://drive.google.com/open?id=1QOmoWXk5wuN5VjVVHzlm3sIXGwWyKlje</a>
	Payal V. Thakare	B.Sc. II (Comp.Sci.)	A A Tayde	Resume and CV Format	<a href="https://drive.google.com/open?id=1iSWByUxWdIG24TTvAhLu61I-PsW5wAZ2">https://drive.google.com/open?id=1iSWByUxWdIG24TTvAhLu61I-PsW5wAZ2</a>
	Pragati S. Deoche	MSc 1 (Comp Sci)	A A Tayde	Animation of Rocket launching	<a href="https://drive.google.com/open?id=1RMMstwk2wZ7TemJJ0c4jtpx8oiw1LA8T">https://drive.google.com/open?id=1RMMstwk2wZ7TemJJ0c4jtpx8oiw1LA8T</a>
	Renuka S. Zaparde	B.Sc. 1 (Comp.Sci.)	A A Tayde	"Website of Various Template of Forms"	<a href="https://drive.google.com/open?id=1IcomtAxKRgI6YlxZfJu_HN3sfdNtL6_I">https://drive.google.com/open?id=1IcomtAxKRgI6YlxZfJu_HN3sfdNtL6_I</a>
	Sampada R. Joshi	B.Sc. 1 (Comp.Sci.)	A A Tayde	Website of Soil	<a href="https://drive.google.com/open?id=1OskmbBBowtseyWap3aDrLKww5-UQcGGJ">https://drive.google.com/open?id=1OskmbBBowtseyWap3aDrLKww5-UQcGGJ</a>

Snehal A. Bharambe	MSc 1 (Comp Sci)	A A Tayde	Solar system	<a href="https://drive.google.com/open?id=1WYfM5DiVtexp-Nofjw-v9c7NMkMQioCK">https://drive.google.com/open?id=1WYfM5DiVtexp-Nofjw-v9c7NMkMQioCK</a>
Sonal S. Thakare	B.Sc. 1 (Comp.Sci.)	A A Tayde	Web development.	<a href="https://drive.google.com/open?id=1C9eOicap-FU5SrCNSI5DZgpVFsI80RkM">https://drive.google.com/open?id=1C9eOicap-FU5SrCNSI5DZgpVFsI80RkM</a>
Swati B. Shelkar	MSc 1 (Comp Sci)	A A Tayde	Parking booking system	<a href="https://drive.google.com/open?id=1JiyIUKrBobiupUxdTtoqsT-WGqLHLLYJh">https://drive.google.com/open?id=1JiyIUKrBobiupUxdTtoqsT-WGqLHLLYJh</a>
Vaishnavi A. Kalne	MSc 1 (Comp Sci)	A A Tayde	Jungle animation	<a href="https://drive.google.com/open?id=14E8ejEGYIBf3eqn9sHOA-SVMyrscovWrn">https://drive.google.com/open?id=14E8ejEGYIBf3eqn9sHOA-SVMyrscovWrn</a>
Tushar S. Patil	BSc III (Comp.Sci.)	A A Tayde	Music player	<a href="https://drive.google.com/open?id=1WehLYQikZFEGR1Ocme-qwbBqvG1XxyLtT">https://drive.google.com/open?id=1WehLYQikZFEGR1Ocme-qwbBqvG1XxyLtT</a>
Aarti G. Pawar	B.com II	A D Bhosale	A study of poverty problem in Maharashtra	<a href="https://drive.google.com/open?id=1y1L8kPiTUDb9kGxgf8CV1-9dO1EpFqiH9">https://drive.google.com/open?id=1y1L8kPiTUDb9kGxgf8CV1-9dO1EpFqiH9</a>
Akshad S. Sharma	B.Com. I	A D Bhosale	A Study on growth of employment in India from the year 2014- 2022	<a href="https://drive.google.com/open?id=1xUPp4pizDHHatXvyQdCG-iAvaRt1ziocF">https://drive.google.com/open?id=1xUPp4pizDHHatXvyQdCG-iAvaRt1ziocF</a>
Ankita S. Wankhade	B.Com II	A D Bhosale	Purchasing Tendency of Indian Consumer Towards Online Trading/Business	<a href="https://drive.google.com/open?id=1XsUhxorM1mWffSdqzJh-eYu6_QpJVfyx">https://drive.google.com/open?id=1XsUhxorM1mWffSdqzJh-eYu6_QpJVfyx</a>
Ashish O. Tayade	B.Com. II	A D Bhosale	Expenses incurred on higher education in India	<a href="https://drive.google.com/open?id=1zAwvoQ_puXhjwS0FTVw-5Pd1y6qHdaRqo">https://drive.google.com/open?id=1zAwvoQ_puXhjwS0FTVw-5Pd1y6qHdaRqo</a>
Dipali S. Dahi	B. Com I	A D Bhosale	A study of entertainment industries in India from last five years	<a href="https://drive.google.com/open?id=1wBtLYCmGx_gcKQmYV-Hzg6S3jgBi2o82j">https://drive.google.com/open?id=1wBtLYCmGx_gcKQmYV-Hzg6S3jgBi2o82j</a>
Gayatri V. Patale	B.Com II	A D Bhosale	Growing E-commerce sector in India	<a href="https://drive.google.com/open?id=1K0rACfKEKsQi4VzqaSKa-hTE5O2a_Wmxw">https://drive.google.com/open?id=1K0rACfKEKsQi4VzqaSKa-hTE5O2a_Wmxw</a>
Harsha R. Rathi	B.Com II	A D Bhosale	Changes in purchasing power of Indian peoples since from last decades (2012 to 2022)	<a href="https://drive.google.com/open?id=1oCc41OpiwPC0Di02H8u-HN6EYACK4GV9">https://drive.google.com/open?id=1oCc41OpiwPC0Di02H8u-HN6EYACK4GV9</a>
Komal A. Hage	B. Com. I	A D Bhosale	A study of transportation services of business in India last five years	<a href="https://drive.google.com/open?id=10FRXsChK5soXrUXUE1p-aqCgpoRyL0-U">https://drive.google.com/open?id=10FRXsChK5soXrUXUE1p-aqCgpoRyL0-U</a>
Mukta D. Ghuikar	B. Com. I	A D Bhosale	A study on deflation in real estate business in india from last 5 year	<a href="https://drive.google.com/open?id=1kRsfgr53HXCfc0bZklos51b-vtkX9Ddgz">https://drive.google.com/open?id=1kRsfgr53HXCfc0bZklos51b-vtkX9Ddgz</a>
Payal S. Kalaskar	B.Com I	A D Bhosale	SIP investment business in India from last two year	<a href="https://drive.google.com/open?id=1op8K6pxWgRTRbqjHb-b9Kd4IBfAi0W5">https://drive.google.com/open?id=1op8K6pxWgRTRbqjHb-b9Kd4IBfAi0W5</a>
Pooja G. Chambhate	B.Com I	A D Bhosale	A Study on E-commerce business in india from last five years	<a href="https://drive.google.com/open?id=1RKuVFHZr7tFoP81INDdw-H-vOvrflDYBW">https://drive.google.com/open?id=1RKuVFHZr7tFoP81INDdw-H-vOvrflDYBW</a>
Poonam G. Satav	B. Com I	A D Bhosale	A study on inflation in business in India From Last two years	<a href="https://drive.google.com/open?id=1K2CZy-cHRH4ejVerRsMyOKPMBFr3pjx">https://drive.google.com/open?id=1K2CZy-cHRH4ejVerRsMyOKPMBFr3pjx</a>
Poonam V. Mundhe	B Com I	A D Bhosale	A study of e- banking business in India in last 2 year	<a href="https://drive.google.com/open?id=1885UiRycvFXCEgHDI9-jfBOLYRSbm2jl">https://drive.google.com/open?id=1885UiRycvFXCEgHDI9-jfBOLYRSbm2jl</a>

Sakshi R. Ghanokar	B.Com II	A D Bhosale	Study on start- up in india(2022-23)	<a href="https://drive.google.com/open?id=182AvmuSscoCIEdIVngwnJxAQcYJS_U2M">https://drive.google.com/open?id=182AvmuSscoCIEdIVngwnJxAQcYJS_U2M</a>
Sushant S. Sarkate	B.Com I .	A D Bhosale	Study on growth of unemployment problem in India from 2014-2022	<a href="https://drive.google.com/open?id=1IK5qnhNQvMt2wlvkChClMu4JyOU5j6Pw">https://drive.google.com/open?id=1IK5qnhNQvMt2wlvkChClMu4JyOU5j6Pw</a>
Tejaswini D. Bhagat	B.Com II	A D Bhosale	A study of jandhan Yojana	<a href="https://drive.google.com/open?id=1I0KhUailb-Z2siTzsVMLa0X87WZept-B">https://drive.google.com/open?id=1I0KhUailb-Z2siTzsVMLa0X87WZept-B</a>
Vaishnavi R. Bhopale	B.Com I	A D Bhosale	A study on start-up business in India last two year	<a href="https://drive.google.com/open?id=16L4YyAZJilfeBBW55BdeggTWZcTVNcfcg">https://drive.google.com/open?id=16L4YyAZJilfeBBW55BdeggTWZcTVNcfcg</a>
Dnyaneshwar H. Gaygol	MSc (Botany) I	A V Padghan	Taxonomic Study of Fabaceae Family	<a href="https://drive.google.com/open?id=19rwViu7o3PUgw7KhGPCxsopLHbkA8ThU">https://drive.google.com/open?id=19rwViu7o3PUgw7KhGPCxsopLHbkA8ThU</a>
Vaishnavi A. Gadekar	MSc (Botany) I	A V Padghan	Taxonomy and systematic study of malvaceae family	<a href="https://drive.google.com/open?id=1dKQX82k-ypOelaFRydTOegCsyxD2PB4h">https://drive.google.com/open?id=1dKQX82k-ypOelaFRydTOegCsyxD2PB4h</a>
Jarar Beg Najir Beg	BSc I (Chem.)	D M Nagrik	Bio-ethanol production from citrus Sinensis	<a href="https://drive.google.com/open?id=14sycluOrZly3daljXb4LHaHNYKxbwZ6K">https://drive.google.com/open?id=14sycluOrZly3daljXb4LHaHNYKxbwZ6K</a>
Om V. Adel	BSC - III ( CZ - Micro )	D M Nagrik	Bio - ethanol Production from Madhuca longifolia (Mahua)	<a href="https://drive.google.com/open?id=1JEepWVpyPL_St9NFXxILWxr6h2Et9GdB">https://drive.google.com/open?id=1JEepWVpyPL_St9NFXxILWxr6h2Et9GdB</a>
Dnyaneshwar H. Gaygol	MSc (Botany) I	D S Talwankar	Study traditional medicinal plant in khamgaon region	<a href="https://drive.google.com/open?id=1sss0luy9u7T_M_UwiIWP6431YqD889LJ">https://drive.google.com/open?id=1sss0luy9u7T_M_UwiIWP6431YqD889LJ</a>
Sagar Ware	B.Sc. (CBZ) II	D S Talwankar	Documentation of wild medicinal plants from atali region	<a href="https://drive.google.com/open?id=1T61nMsw5aeQdlmPUW3P9Bcw_iFRSdaTK">https://drive.google.com/open?id=1T61nMsw5aeQdlmPUW3P9Bcw_iFRSdaTK</a>
Akanksha V. Satao	MSc II (Zoo.)	G B Kale	Biodiversity Aspects of Dragonflies in Khamgaon Area of Buldhana District"	<a href="https://drive.google.com/open?id=1u6NTcJ6ncNuUzwMh3RJ-AumRKvWDvtdS">https://drive.google.com/open?id=1u6NTcJ6ncNuUzwMh3RJ-AumRKvWDvtdS</a>
Mohini K. Shejole	MSc II (Zoo.)	G B Kale	Study of Biodiversity and Habitat Associationship of Moths Near by Shegaon Town in Khamgaon Buldhana District	<a href="https://drive.google.com/open?id=159bnTkXAcCwLfHNbxMYKQAAuTFsoiGV_">https://drive.google.com/open?id=159bnTkXAcCwLfHNbxMYKQAAuTFsoiGV_</a>
Nandini V. Satao	MSc II (Zoo.)	G B Kale	Distribution of Butterflies in Khamgaon taluka of Buldhana District in Maharashtra	<a href="https://drive.google.com/open?id=1cKDVTIglNpnUVgQkKP8eprcVkiWQlOb">https://drive.google.com/open?id=1cKDVTIglNpnUVgQkKP8eprcVkiWQlOb</a>
Aishwarya M. Dhopate	MSc (Chem) 1	H S Chandak	Regio and Stereoselective Hydrothiolation of Terminal Alkynes by Using $\text{CuSO}_4/\text{Na-Ascorbate}$	<a href="https://drive.google.com/open?id=1BD8yryk9RJlvix0NynKGIyogLSA_IjLe">https://drive.google.com/open?id=1BD8yryk9RJlvix0NynKGIyogLSA_IjLe</a>
Anuradha S. Jadhav	MSc (Chem) 1	H S Chandak	"A Facile stereoselective synthesis of (Z)-Vinyl Sulfides via Hydrothiolation of Alkynes with Thiols".	<a href="https://drive.google.com/open?id=1nKztTy2oyv-dytSUE_8hFhDOKINAXntd">https://drive.google.com/open?id=1nKztTy2oyv-dytSUE_8hFhDOKINAXntd</a>
Barkha G. Panjawani	Msc (Chem.) II	H S Chandak	Multicomponent synthesis of substituted amino pyridine	<a href="https://drive.google.com/open?id=1McnHDIaqt2CataZYosdo70fC5Yqz60b5">https://drive.google.com/open?id=1McnHDIaqt2CataZYosdo70fC5Yqz60b5</a>
Pathan Yasmin Taslim Khan	MSc (Chem) 1	H S Chandak	Metal free synthesis N-ligated phthalimide derivatives	<a href="https://drive.google.com/open?id=1tVN194T88bOq9_xVMFuDR3P_O-OpRRb3">https://drive.google.com/open?id=1tVN194T88bOq9_xVMFuDR3P_O-OpRRb3</a>

Pawankumar D. Chavhan	MSc (Chem)	1	H S Chandak	Regio and stereoselectivity of hydrothiolation in alkyne	<a href="https://drive.google.com/open?id=1avkdNok2N69aomPjUtVFSxT268OIXsq7">https://drive.google.com/open?id=1avkdNok2N69aomPjUtVFSxT268OIXsq7</a>
Poonam R. Patil	MSc (Chem)	1	H S Chandak	Multi component synthesis of substituted 3-H pyrrole derivatives.	<a href="https://drive.google.com/open?id=1RhIRsWven6GJmmPTklaB8Z2tPiVbgwVv">https://drive.google.com/open?id=1RhIRsWven6GJmmPTklaB8Z2tPiVbgwVv</a>
Priyanka S. Jumale	MSc (Chem)	1	H S Chandak	Synthesis of N-Hydroxy and N-Acetoxy Hypervalent Iodine Reagents from 2-Iodobenzoic acid	<a href="https://drive.google.com/open?id=120Nc3RXITuVxBWwQR5NOXDuo5-Un_7U">https://drive.google.com/open?id=120Nc3RXITuVxBWwQR5NOXDuo5-Un_7U</a>
Riya .P. Agrawal	B.Sc.III (Chem)		H S Chandak	Biogenic cuo-nps mediated stereoselective Synthesis of (Z)-Vinyl Thioether via “Thiol-Yne-Click” reaction	<a href="https://drive.google.com/open?id=19JzN-Mnl1GfG77D8bM8hHVcn0bHPnOV1">https://drive.google.com/open?id=19JzN-Mnl1GfG77D8bM8hHVcn0bHPnOV1</a>
Rupali P. Bhalerao.	MSc (Chem)	1	H S Chandak	"Synthesis of Phenacyl Chloride from Acetophenone by Using NCS"	<a href="https://drive.google.com/open?id=1hqAZFQLJ7I4jEi2fYgqh4MUeV1H5xDTR">https://drive.google.com/open?id=1hqAZFQLJ7I4jEi2fYgqh4MUeV1H5xDTR</a>
Swati P. Janokar	MSc (Chem)	1	H S Chandak	“Thiol-Yne-Click” Reaction Between Aromatic Alkynes and Thiols Catalyzed by Biosynthesized cuo- nps Catalyst	<a href="https://drive.google.com/open?id=1bDNwqwU6IMQ3MsNo1c hp0lfELbr0WkE9">https://drive.google.com/open?id=1bDNwqwU6IMQ3MsNo1c hp0lfELbr0WkE9</a>
Vaishali N. More	MSc (Chem)	1	H S Chandak	A facial transformation of Acetophenone into alph bromo acetophenone by an NBS-mediated one-pot strategy using p-tsoh and silica gel	<a href="https://drive.google.com/open?id=1MB8nAGsmOa16b3-JzmftrqSKfsQFIInn">https://drive.google.com/open?id=1MB8nAGsmOa16b3-JzmftrqSKfsQFIInn</a>
Bhagyashree R. Bharambe	Bcom III		K S Gulhane	भारतातील वाढत्या बेरोजगारीची कारणे	<a href="https://drive.google.com/open?id=17NQurux4ITp9fnL_6uEuo1tpd12mx3bQ">https://drive.google.com/open?id=17NQurux4ITp9fnL_6uEuo1tpd12mx3bQ</a>
Gunjan Vyas	B.Com III		K S Gulhane	Depreciation of Indian currency	<a href="https://drive.google.com/open?id=1dpKrbXMe7LnPpzJDPT09fp_C9a_RDBuf">https://drive.google.com/open?id=1dpKrbXMe7LnPpzJDPT09fp_C9a_RDBuf</a>
Ankita J. Wagh	BSc II		M O Wankhade	A Study on the Problems Faced by Girls for Education in Rural Areas of Jalgaon Jamod, Maharashtra	<a href="https://drive.google.com/open?id=1NCpMcyNRPN6baDluCAYhMI7JWdrb66e">https://drive.google.com/open?id=1NCpMcyNRPN6baDluCAYhMI7JWdrb66e</a>
Gayatri P. Dhole	BSc II		M O Wankhade	A study of Liquor and Tobacco Consumption in Umara Atali, Khamgaon, Maharashtra	<a href="https://drive.google.com/open?id=1U4XRyzhtGNvXyxZefpjePhcYst_up-Y">https://drive.google.com/open?id=1U4XRyzhtGNvXyxZefpjePhcYst_up-Y</a>
Mukteshwar B. Joshi	B.Sc II		M O Wankhade	Development of Computer Code for Computing Index Number in C Language	<a href="https://drive.google.com/open?id=1C39oRtS7xTa_7q5QZoy255BIRAx-zwAW">https://drive.google.com/open?id=1C39oRtS7xTa_7q5QZoy255BIRAx-zwAW</a>
Sakshi G. Jadhav	Bsc II		M O Wankhade	A study of Trend and forecast analysis of prices of fertilizer Urea in Maharashtra”	<a href="https://drive.google.com/open?id=1jDru1UI0SG-gLjQUc8nLUc372BTI5Pcm">https://drive.google.com/open?id=1jDru1UI0SG-gLjQUc8nLUc372BTI5Pcm</a>
Sakshi P. Deshmukh	Bsc II		M O Wankhade	"A Study of Live Stock trend in Datala and Nandura "	<a href="https://drive.google.com/open?id=1UWV1Jae8QsMKt6EuF-Bax5Bc3KK7t41T">https://drive.google.com/open?id=1UWV1Jae8QsMKt6EuF-Bax5Bc3KK7t41T</a>
Gaytri S. Hajare	B. COM. - I		M S Gaikwad	“A critical study of security analysis of unified payments interface (upi)”	<a href="https://drive.google.com/open?id=1EZAghFH3AnCNjYCFYysS4VVobm9szf_Rx">https://drive.google.com/open?id=1EZAghFH3AnCNjYCFYysS4VVobm9szf_Rx</a>
Gaytri S. Ekade	B. COM. - I		M S Gaikwad	“A study on online shopping behaviour of	<a href="https://drive.google.com/open?id=1_TGTX3t80nblsh2v6XO7o">https://drive.google.com/open?id=1_TGTX3t80nblsh2v6XO7o</a>



				college students”	<a href="#">BwsTepGMKTI</a>
Pallavi S. Pardhi	B. COM. - I	M S Gaikwad	“Role of women in socio-economic development of india”	<a href="https://drive.google.com/open?id=1QGSnTQHSSGt-nJ7_7Cc25EfDlnmjoK_U">https://drive.google.com/open?id=1QGSnTQHSSGt-nJ7_7Cc25EfDlnmjoK_U</a>	
Swati A. Borde	B. COM. - I	M S Gaikwad	“A study of buying behaviour of urban female consumers towards cosmetic products”	<a href="https://drive.google.com/open?id=1k1Rlvi6-pn7TFmY1feqItYzYJ4hlCAid">https://drive.google.com/open?id=1k1Rlvi6-pn7TFmY1feqItYzYJ4hlCAid</a>	
Gauri G. Pardhi	B. COM. I	M S Gaikwad	“A study on consumer behaviour towards online shopping”	<a href="https://drive.google.com/open?id=1t3CkEy8sBLrvUGTQ5cqVBbXkSPWSP-8">https://drive.google.com/open?id=1t3CkEy8sBLrvUGTQ5cqVBbXkSPWSP-8</a>	
Adarsh Hatkar	BCA II	P E Ajmire	Esports tournament management app	<a href="https://drive.google.com/open?id=19a818nRdbQPXC6dtWHTP-Pwo2IGkGpt">https://drive.google.com/open?id=19a818nRdbQPXC6dtWHTP-Pwo2IGkGpt</a>	
Dipali V. Parkhede	BCA	P E Ajmire	Interactive information system of some preserved specimen of plants in Botany Laboratory by using QR code	<a href="https://drive.google.com/open?id=1vdQRbzt8K115Ctb1w0YsBvcKFyH2Ru1">https://drive.google.com/open?id=1vdQRbzt8K115Ctb1w0YsBvcKFyH2Ru1</a>	
Ganesh P. Bhise	B.Sc II (CSM)	P E Ajmire	“Interactive Information System of some preserved specimen of Animals in Zoology Laboratory of G. S. Science, Arts and Commerce College, Khamgaon by Using QR Code”	<a href="https://drive.google.com/open?id=1tKrKCYRgphBs-8CmAF1sNJW54qymHs_e">https://drive.google.com/open?id=1tKrKCYRgphBs-8CmAF1sNJW54qymHs_e</a>	
Sakshi S. Nagpure	BCA I	P E Ajmire	Face detection & Face recognition	<a href="https://drive.google.com/open?id=1Z-Qbp41EPP_LDU0MKCnGrLdFyQBeqWyc">https://drive.google.com/open?id=1Z-Qbp41EPP_LDU0MKCnGrLdFyQBeqWyc</a>	
Suvarna V. Shimbre	BCA II	P E Ajmire	Visualization and Image Processing for Cyber Security	<a href="https://drive.google.com/open?id=1TONpWBY7rEge9nHTf0nIHE8LjyjowPLr">https://drive.google.com/open?id=1TONpWBY7rEge9nHTf0nIHE8LjyjowPLr</a>	
Ankita D. Gotarkar	Bsc I	P V Ubale	Statistical analysis of emotional index of India	<a href="https://drive.google.com/open?id=1Mrv-zXfzhBZIR2iHhrn0ozI8aVdBVF5t">https://drive.google.com/open?id=1Mrv-zXfzhBZIR2iHhrn0ozI8aVdBVF5t</a>	
Bhavana S. Patale	BSc I	P V Ubale	Quantile regression and its estimation”	<a href="https://drive.google.com/open?id=18smLwVLFMGDm5v08tJRRaTjCKEJHm1V2">https://drive.google.com/open?id=18smLwVLFMGDm5v08tJRRaTjCKEJHm1V2</a>	
Gauri V. Bhise	Bsc I	P V Ubale	Effects of social media on school going children	<a href="https://drive.google.com/open?id=1kbPwG0oin4wdYsc8iKZnp5JsbYyOhdrq">https://drive.google.com/open?id=1kbPwG0oin4wdYsc8iKZnp5JsbYyOhdrq</a>	
Nikita R. Anasane	BSC I	P V Ubale	Information about different type of technology and its utility	<a href="https://drive.google.com/open?id=1wL4aYLzvcLqBPhyAiJVazdIDBGFM2AXk">https://drive.google.com/open?id=1wL4aYLzvcLqBPhyAiJVazdIDBGFM2AXk</a>	
Pooja R. Najardhane	BSC III	P V Ubale	Studying regression through graphic method	<a href="https://drive.google.com/open?id=1IiUwhVtKs-6-vtDQPADrHhDA50XbqdYZ">https://drive.google.com/open?id=1IiUwhVtKs-6-vtDQPADrHhDA50XbqdYZ</a>	
Vaishali V. Mundhe	M.A.I	R R Gawale	दोरपगावातील अॅटोरिक्षा चालविणाऱ्या चालकांच्या आर्थिक स्थितीचे अध्ययन	<a href="https://drive.google.com/open?id=1obb2nA9cFsnW2fv1n8miuSV4mzX6P4Cj">https://drive.google.com/open?id=1obb2nA9cFsnW2fv1n8miuSV4mzX6P4Cj</a>	
Ankush P. Jadhav	B.A I	S G Waychal	चारित्र्य घडविण्यासाठी नीतिशतकाचा उपयोग	<a href="https://drive.google.com/open?id=1XGurV4hYDHMYkDZ4yj9oDgB6_gvrzDyh">https://drive.google.com/open?id=1XGurV4hYDHMYkDZ4yj9oDgB6_gvrzDyh</a>	
Dipeeka Belokar	B.A. II	S G Waychal	“भगवद्गीतेतील १६ व्या अध्यायातील नैतिक	<a href="https://drive.google.com/open?id=1pNCfM7E17GCJfEw33k_ta">https://drive.google.com/open?id=1pNCfM7E17GCJfEw33k_ta</a>	

				मुल्यांची आजच्या काळात आवश्यकता”	<a href="https://drive.google.com/open?id=1Cl5yEjvCFnlm1BKyLW1ffjGLCmvTx5tK">bFYevFSJROU</a>
Nikita D. Pawar	MA I	S T Warade	Economic study of soyabean producer farmers in pimpri gawali gram	<a href="https://drive.google.com/open?id=1Q7Y1olAsQytTs_galFOq0yj4UTpXH0C8">https://drive.google.com/open?id=1Cl5yEjvCFnlm1BKyLW1ffjGLCmvTx5tK</a>	
Diksha D. Sadavarte	B.Sc I	V S Athawar	Statistical analysis of census data of khamgaon taluka	<a href="https://drive.google.com/open?id=1baswkmxX037t8W_VMB6tfDcvSV8JicJL">https://drive.google.com/open?id=1Q7Y1olAsQytTs_galFOq0yj4UTpXH0C8</a>	
Shruti N. Katkar	B.com II	V S Athawar	Statistical Analysis of Census Data of Nimgaon village	<a href="https://drive.google.com/open?id=1ilHHxHLrF5kSOV1ywR_9_1VP28uo6h8C">https://drive.google.com/open?id=1baswkmxX037t8W_VMB6tfDcvSV8JicJL</a>	
Ashutosh K. Thombare	B.A II	V U More	इयत्ता पहिली ते सातवी च्या मराठी पाठ्यपुस्तकातून वैज्ञानिक अभिव्यक्ती	<a href="https://drive.google.com/open?id=1ym871gK_V2Acn2DGtgYDcfKpgi8Kv9xM">https://drive.google.com/open?id=1ilHHxHLrF5kSOV1ywR_9_1VP28uo6h8C</a>	
Gayatri V. Ghanokar	B.Sc II	V U More	संत तुकारामांच्या अभंगातील वैज्ञानिक दृष्टिकोन	<a href="https://drive.google.com/open?id=1sy_AIVJtnA0_PcgfaKqExznqTt4XFwf8">https://drive.google.com/open?id=1ym871gK_V2Acn2DGtgYDcfKpgi8Kv9xM</a>	
Pallavi G. Dane	BCom I	CA Umesh P Agrawal	Summer research on Hotel Industry	<a href="https://drive.google.com/open?id=1sy_AIVJtnA0_PcgfaKqExznqTt4XFwf8">https://drive.google.com/open?id=1sy_AIVJtnA0_PcgfaKqExznqTt4XFwf8</a>	

**Some of the significant outcomes of these projects are:**

1. Research aptitude among the student has been developed.
2. Students learned to search literature and write reports.
3. Student's perspective about use of different items have been changed. They now look for the contents in the product, their effects and side effects before using any item.
4. They are showing willingness to work as ambassador for creating awareness among the society.
5. Their confidence level has been raised so that they can come up with new ideas and try new experiments.
6. A financial assistance in the form of scholarship of Rs 4543/ each has been awarded to Ms Anju Paliwal, Ms Rutuja Yadgire and Mr Akshay Ingle of MSc I (Chemistry) for successful completion of summer research at IISER Kolkata.



Dr P V Ubale  
Coordinator, RAC

Dr H S Chandak  
Coordinator, IQAC

Dr D S Talwankar  
Principal

**Principal**  
G.S. Sel., Arts & Commerce  
College, Khamgaon-444303



June 1<sup>st</sup>, 2023

To:

**Sneha Piwalatkar**

Institute Name: Sant Gadge Baba Amravati University (SGBAU).

Enrolled Course: B.Com.(Bachelor of Commerce), Accounting & Taxation

Email Address: snehapiwalatkar1448@gmail.com

**Re: Your application for the Reliance Foundation Undergraduate Scholarship for the year 2022-23**

Dear Sneha Piwalatkar,

**Congratulations!** We are pleased to inform you that you have been selected for **Reliance Foundation Undergraduate Scholarship in (the "Scholarship") for the year 2022-23.**

**You will receive a scholarship of up to Rs. 1.50 lakhs (INR One Lakh Fifty Thousand Only) over the duration of your undergraduate degree programme (3 years as per your application form).**

We are excited for you to join the community of Reliance Foundation Undergraduate Scholars. As a Reliance Foundation Undergraduate Scholar, you will join a community of India's brightest youth with the potential to become successful professionals. We hope that you will embrace this opportunity to nurture your talent, and that this scholarship will enable you reach your full potential.

To indicate your acceptance of this award, please review all the documents and complete the formalities to expedite your enrolment as Reliance Foundation Undergraduate Scholar. For any queries, please contact us at [RF.UGScholarships@reliancefoundation.org](mailto:RF.UGScholarships@reliancefoundation.org).

Congratulations once again on your selection as a 2022-2023 Reliance Foundation Undergraduate Scholar!

Sincerely,

Sachin Mardikar,  
**Authorised Signatory,  
Reliance Foundation**

Registered Office: Maker Chambers IV, 9th Floor, 222 Nariman Point, Mumbai - 400021, India.

Reliance Corporate Park, Project Office, 5 TTC Industrial Area, Thane-Belapur Road, Ghansoli, Navi Mumbai, Maharashtra - 400 701.

Phone: +91 22 4477 0000 Website: [www.reliancefoundation.org](http://www.reliancefoundation.org) Email: [contactus@reliancefoundation.org](mailto:contactus@reliancefoundation.org)

CIN: U85110MH2010NPL207270





Coordinator IQAC &lt;iqacgsck@gmail.com&gt;

---

**Fwd: RESULTS : WEnyan Program Selection Announcement**

1 message

---

**Hemant Chandak** <chemants@gmail.com>  
To: iqacgsck@gmail.com

Tue, Sep 26, 2023 at 12:14 AM

----- Forwarded message -----

From: **Ritika Ganguly** <ritika.ganguly@pkc.org.in>

Date: Fri, 14 Oct, 2022, 17:54

Subject: RESULTS : WEnyan Program Selection Announcement

To: <anjali**honge**@gmail.com>, <chemants@gmail.com>

Cc: Shilpa Jain &lt;shilpa.jain@pkc.org.in&gt;, Shital Boriwar &lt;shital.nagpure@pkc.org.in&gt;, wenyan pkc &lt;wenyan@pkc.org.in&gt;

Dear Anjali Bhonge,

Thank you for applying for the WEnyan Program.

***Congratulations!***

We are pleased to inform you that you have been selected for the award of the WEnyan Scholarship for your Master's research project. As part of this program, you will be awarded a scholarship of **Rs. 15,000/month** for **6 months** during the course of your research project.

We will be sharing further details about initiation of the project soon.

**Kindly confirm** receipt of this email and reply indicating whether you are willing to accept the scholarship **by 18th October 2022**.

***If we don't hear back from you by 18th October, we will assume that you have declined to be part of the program.***

For any further queries please contact us by mobile: [+917823892474](tel:+917823892474) or email: [wenyan@pkc.org.in](mailto:wenyan@pkc.org.in)

Congratulations once again and we look forward to hearing from you.

Best wishes,  
WEnyan Team

--

**Ritika Ganguly**

Project Manager

Pune Knowledge Cluster (PKC)

M: +91 6303367483



Coordinator IQAC &lt;iqacgsck@gmail.com&gt;

---

**Fwd: RESULTS : WEnyan Program Selection Announcement**

1 message

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Date: Fri, 14 Oct, 2022, 17:54

Subject: RESULTS : WEnyan Program Selection Announcement

To: <anjali**bhonge**@gmail.com>, <chemants@gmail.com>

Cc: Shilpa Jain &lt;shilpa.jain@pkc.org.in&gt;, Shital Boriwar &lt;shital.nagpure@pkc.org.in&gt;, wenyan pkc &lt;wenyan@pkc.org.in&gt;

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For any further queries please contact us by mobile: [+917823892474](tel:+917823892474) or email: [wenyan@pkc.org.in](mailto:wenyan@pkc.org.in)

Congratulations once again and we look forward to hearing from you.

Best wishes,  
WEnyan Team

--

**Ritika Ganguly**

Project Manager

Pune Knowledge Cluster (PKC)

M: +91 6303367483



## THE PUNE KNOWLEDGE CLUSTER (PKC)

Established by the Office of the Principal Scientific Advisor to the Government of India,  
Administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA).

09 November 2022

Ms. Anjali Kailas Bhonge  
Mobile: 7219678895  
anjalibhonge99@gmail.com

Dear Ms. Bhonge,

I am happy to inform you that you have been awarded a scholarship by Pune Knowledge Cluster to pursue a Master's program research project in Chemistry under the **WENyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.**

You will receive a scholarship of Rs. 15,000.00 per month for a period of 6 (six) months with effect from **December 01, 2022**, subject to your agreement of all the terms and conditions as mentioned in the Annexure: I.

We wish you all the best for your project and hope that this scholarship will enable you to pursue your career interests in the field of Chemistry.

Sincerely,

Dr. Ranganayaki Nagaraj  
Chief Operating Officer (COO),  
Pune Knowledge Cluster (PKC)



Annexure: I

### AGREEMENT

This Agreement is made on this 22<sup>nd</sup> day of November, 2022 between

- 1) **Pune Knowledge Cluster**, Savitribai Phule Pune University Campus Pune 411 007, Maharashtra, India, A Project set up by Principal Scientific Advisor (PSA), Government of India Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune University Campus, Pune 411007, Here in after referred to as "PKC" (which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors-in-title)

AND

- 2) Ms. Anjali Kailas Bhonge from G. S. Arts Commerce Science college, the candidate selected for awarding a Scholarship under the **WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.**, under their Corporate Social Responsibility (CSR) funding program. Ms. Anjali Kailas Bhonge is working under the mentorship/guidance of Prof. Dr. Hemant Kumar Chandak from the college G. S. Arts Commerce Science, Khambgaon, which is also the project implementation site for the candidate.



PKC has approved the said Project and agreed to provide a scholarship of INR 15,000 per month for 6(six) months subject to the following conditions:

1. **The candidate, Ms Anjali Kailash Bhojra, shall**
  - i. Carry out the activities of the project and conform to the specified objectives, outputs, milestones, and targets as mentioned in the proposal submitted.
  - ii. Submit a progress report every month to the Project Manager, PKC and participate in the meetings organized by PKC, to review the progress of the project, as and when called for, to the PKC office.
  - iii. Submit a Project Completion Report to the Project Manager in the format provided at the end of three months.
  - iv. Post duration of support, agree to provide regular updates on the progress of project, career journey, publications, with the PKC team as and when required for the duration of **1 year post duration of support**.
  - v. Acknowledge the assistance of **PKC WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.** in publications, news articles, talks etc. associated with this project its progress and its success.
  - vi. Agree to interviews, sharing project related information, details about personal background for press, social media and other coverage to showcase the impact of the WEnyan Program.
2. **The candidate warrants** that each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct.
3. **The effective date and tenure of the Scholarship**
  - i. The **Scholarship** shall be effective from the date of its signing by both the parties.
  - ii. The **Scholarship** shall be valid till 6(six) months thereafter.
  - iii. Two copies of this Agreement shall be signed by both the parties and one copy each shall remain in the custody of each party.

Anjali Kailash Bhojra

PKC

The Parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinbefore.

**Parties**

**1. ON BEHALF OF THE PUNE KNOWLEDGE CLUSTER**



Dr. Ranganayaki Nagaraj  
Chief Operating Officer (COO),  
Pune Knowledge Cluster (PKC)  
Date: 22/11/2022

**2. CANDIDATE**



Name: Ku. Anjali Kailas Bhonge  
Date: 22/10/22



**RESEARCH PROJECT PROPOSAL**

WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers  
(Category A - MS)

Name of the student:	Ms. Anjali Kailas Bhonge
Name of the college:	G. S Science, Arts & Commerce College, Khamgaon Dist- Buldana 444303 (MS)
Title of the Project	<b>Biosynthesized Non-Nobel Metal-NPs Catalysed Facile and Efficient Cross- Coupling Reactions</b>
Details of the project Please provide answers to Q a, b, c separately.	Attached separately
a. The problem or the question the project aims to answer.	1. To develop a method for the biosynthesis of non-noble metal NPs using various plant parts extracts. 2. To develop a method for C-N coupling reactions.
b. Describe what will be done in the project	Attached separately
Project objectives :	a) To synthesize transition metal nanoparticles using biosynthesis, b) To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD etc. c) To explore the application of newly designed nano-catalyst for the C-N coupling reactions.
Possible outcomes of the Project (could be one or more)	New methodology for biosynthesis of transition metal NPs will be developed and its application for C-N cross-coupling reactions will be explored.  The execution of transition metal NPs in the coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.

*Anjali Bhonge*

*Rohit*

Proposed starting date	01 December 2022
Duration of the project (in months)	06 Months

**Details of the project:**

Name of the student: Ms. Anjali Kailash Bhonge

Name of the college: G. S Science, Arts & Commerce College, KhamgaonDist-Buldana-444303 (MS)

Title of the Project:

**Biosynthesized Non-Nobel Metal-NPs Catalysed Facile and Efficient Cross Coupling Reactions**

1. Introduction

1.1 Nano-particles

NPs are very small particles having size ranges from 1 to 100 nm and which is undetectable by the human eye; they can be classified into different classes based on their properties, shapes or sizes. The different groups include fullerenes, metal NPs, ceramic NPs, and polymeric NPs. NPs can exhibit significantly different physical and chemical properties due to their high surface area and nanoscale size.<sup>1</sup> Ancient peoples already make full use of the ceramic matrixes by including natural asbestos nanofibers more than 4,500 years ago. The Ancient Egyptians were also using NPs more than 4000 years ago based on a synthetic chemical process to synthesize  $\approx 5$  nm diameter PbS NPs for hair dye.<sup>2,3,4</sup> Similarly, "Egyptian blue" was the first synthetic pigment which was prepared and used by Egyptians using a sintered mixture nanometer-sized glass and quartz around 3<sup>rd</sup> century BC.<sup>5</sup> Human dreams and imagination often give rise to new science and technology. Nanotechnology, a 21<sup>st</sup> century achievement, was born out of such dreams. Nanotechnology is defined as the understanding and control of matter at dimensions between 1 and 100 nm where unique phenomena provide novel applications in various filed.<sup>6,7</sup> The concept of a "nanometer" was first proposed by Richard Zsigmondy, the 1925 Nobel Prize Laureate in chemistry. He invents the term nanometer in a clear and detailed manner for characterizing nanoparticle size and he was the first to measure the size of particles such as gold colloids using a microscope. Modern nanotechnology was the brain child of Richard Feynman, the 1965 Nobel Prize Laureate in physics. During the 1959 American Physical Society meeting at Caltech, he presented a lecture titled, "There's Plenty of Room at the Bottom", in which he introduced the concept of manipulating matter at the atomic level.<sup>8</sup>

1.2 Bio-synthesis of metal oxide nano-particles

In the recent years, CuO-NPs, ZnO-NPs and their nanocomposites are exciting inorganic materials can be use in various filed because have generated a great deal of interest such as

*Anjali Bhonge*

*R.K.*



energy conservation, textiles, electronics, healthcare, catalysis, cosmetics, semiconductor, chemical sensing as a catalyst in organic reactions, environmental technology. Nano particles can be synthesized by various methods (Chemicals, physical and biosynthesis) with multiple properties and large application.<sup>9,10</sup>

Recent research trend in green/biosynthesis of nanometals using plant extracts has opened a new era in fast, nontoxic and eco-friendly methods for biosynthesis of metal nanoparticles. Many researchers have reported the biosynthesis of metal and metal oxide based nanoparticles by using various parts of plant such as leaf, leaves, flower, stem and roots extracts and their potential applications in various filed.<sup>15,16,17,18</sup>

Plant mediated green/biosynthesis of metal (Ag, Fe, Zn, Au and Cu) and metal oxide (AgO, FeO, ZnO, AuO and CuO) nanoparticles (NPs) is a revolutionary technique that has wide range of applications in catalysis, organic synthesis, inorganic chemistry, electrochemistry, polymer chemistry, physics, life sciences, agriculture, food industry and pharmaceutical industries for the development of medicine.<sup>19</sup> Medicinal plants possess bioactive phytochemicals such as like proteins, vitamins, coenzymes based intermediates, phenols, flavonoids, steroids, terpenoid, alkaloids and carbohydrates. These bioactive phytochemicals contain hydroxyl, carbonyl, and amine functional groups that react with metal ions and reduce their size into nano range.<sup>20</sup> These molecules not only help in bioreduction of the ions to the nanoscale size, but they also play a vital role in the capping of the nanoparticles which is important for stability and biocompatibility. Reducing agents such as phenolic compounds, sterols and alkaloids can reduce metal ions into NPs in a single reaction.<sup>21</sup>

2. The problem or the question the project aims to answer

After the extensive literature review, we were convinced to focus on biosynthesized metal oxide NPs because it shows several potential bioactivities as well as unique physical and chemical properties. Furthermore C-N coupling reactions are very important to access the organic molecules of varied importance. Under this project we intend to

- a) Develop a method for the biosynthesis of base metal NPs using various plant parts extracts.
- b) Develop a method for C-N coupling reactions.

3. Describe what will be done in the project (Methodology)

The proposed work will be carried out in the following steps.

Step 1: Biosynthesis metal oxide nanoparticles

First, we will synthesize nanoparticles/nanomaterials/nanostructured materials from desired metal salts using different parts of plants.

Step 2: Characterization of synthesized nanoparticles

Characterization of synthesized nanoparticles will be carried out with the help of scanning electron microscope, Transmission electron microscope for understanding the dimensions of nanoparticles and to understand the surface chemistry of nanomaterials and

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nanocomposites of nanoparticles with various support material X-Ray Diffraction studies will be carried out.

#### Step 3: Organic transformation by using novel Nanocatalysis

We intend to develop green protocol for the synthesis of organic molecule having biologically activity and pharmacological, industrial importance. This green protocol will be developed for C-N coupling reactions.

#### Scheme 1: C-N Coupling using

Similar C-N Coupling reactions will be tried. After successful optimization of methodology, the obtained product will be check using TLC and purified using column chromatography etc.; will be characterized by spectroscopic methods.

Structure elucidation of synthesized organic molecules through techniques such UV-Vis Spectrophotometer, IR, <sup>1</sup>HNMR, <sup>13</sup>CNMR, LCMS, etc.

#### 4. Project objectives

The objectives of present work are:

1. To synthesize CuO nanoparticles using biosynthesis.
2. To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD etc.
3. To explore the application of newly designed nano-catalyst for the C-N coupling reactions.

#### 5. Possible outcomes of the project

New methodology for biosynthesis of CuO NPs will be developed and its application for C-N cross-coupling reactions will be explored.

The execution of CuO NPs in the C-N coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.

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(Research project student)

*AK Bhonge*

*P.S.*



## MILESTONE

### **WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers (Category A - MS)**

This is a work-plan for the milestones to be achieved upon completion of the project work.

Table:1 informs about the major objectives laid down for each milestone and any relevant documents to be prepared for that stage in the project.

M0 is assigned for the start day of the project.

Table: 1 - MILESTONE

MILESTONE	OBJECTIVES & ACTIVITY
Milestone 0 (M0)	<ul style="list-style-type: none"><li>❖ Signing of documents</li><li>❖ Start of Scholarship - 01 December 2022</li></ul>
Milestone 1 (M1) (at end of 2 months)	<ul style="list-style-type: none"><li>❖ Specific objectives: To synthesize CuO nanoparticles using biosynthesis Processes to be undertaken<ul style="list-style-type: none"><li>● Collection and selection of plant materials and extraction of phytochemicals from the plants.</li><li>● Plant mediated biosynthesis of metal nanoparticles for the development of the Nanocatalyst</li></ul></li><li>Outcomes expected<ul style="list-style-type: none"><li>● New methodology for biosynthesis of CuO NPs will be developed</li></ul></li><li>Results/Analysis</li><li>❖ Update report</li></ul>
Milestone 2 (M2) (at end of 4 months)	<ul style="list-style-type: none"><li>❖ Specific objectives: To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD, etc Processes to be undertaken<ul style="list-style-type: none"><li>● Characterization of Nanocatalyst with the help of XRD,SEM,TEM</li></ul></li><li>Outcomes expected<ul style="list-style-type: none"><li>● New methodology for biosynthesis of CuO NPs will be developed</li></ul></li><li>Results/Analysis</li><li>❖ Update report</li></ul>

✓ Aspirations

Red



<p>Milestone 3 (M3) ( at end of 6 months)</p>	<p>❖ <b>Specific objectives:</b>  <b>To explore application of biosynthesized CuO NPs for C-N cross-coupling reactions.</b>  <b>Processes to be undertaken</b></p> <ul style="list-style-type: none"> <li>• Optimization of reaction condition, identification, separation, purification, of target molecule.</li> <li>• Structure elucidation of organic molecule with the help spectral technique like <math>^{13}\text{C}</math>, <math>^1\text{H}</math> NMR, IR, UV spectrophotometry, mass spectrophotometry.</li> </ul> <p><b>Outcomes expected</b></p> <ul style="list-style-type: none"> <li>• The execution of CuO NPs in the C-N coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.</li> </ul> <p><b>Results/Analysis</b></p> <p>❖ <b>Final project report submission</b></p> <p>❖ <b>Close of Scholarship - At the end of May 2023</b></p>
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Please follow this guideline while entering details in this table:

Do not change the text in **bold**, marked by ❖.

Brief details should be added under the headings marked by ■.

Ali Khan

Rafiq

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\* शाळा सोडण्याचा दाखला \*

(नियम क्र. १७ परिच्छेद ९ च्या अनुसार प्राप्त शाळासंहितानुसार)

शाळा संकेतांक - ०४-०८-०१३

दाखलखारीजनुसार विद्यार्थ्यांचा क्र. 10095

क.म.वि.संकेतांक - ०४-०८-००४

- १) विद्यार्थ्यांचे नांव कु. अंजली केलस भोंगे
- २) आईचे नांव उर्मिला
- ३) राष्ट्रीयत्व भारतीय
- ४) धर्म व जात (पोटजातीसह) कुणबी
- ५) जन्माचे ठिकाण हुजुपी
- ६) जन्म तारीख ..... 06 ..... महिना ..... 12 ..... (वर्ष) 1999  
अक्षरात सहा डिसेंबर ए.वि.शे नव्याठ्ठाव
- ७) मागील शाळेचे नांव श्री. अ. खि. नेशनल हायस्कूल, खामगाव
- ८) प्रगती समाधानकारक
- ९) वागणुक चांगली
- १०) प्रवेश घेतल्याची तारीख 05.07.2016
- ११) शाळा सोडल्याची तारीख 31.03.2017
- १२) कोणत्या वर्गात व केव्हांपासून 12 (विज्ञान) 2016  
शिकत आहे (आकड्यात व अक्षरात)
- १३) शाळा सोडण्याचे कारण Appeared for H. S. C. / S. S. C.  
Exam March 2017. पास
- १४) शेरा

प्रमाणित करण्यात येते की वरील माहिती शाळेच्या दाखलखारीज नोंदींनुसार प्रमाणे आहे.

वर्ग शिबक

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मुल्याव्यापक वर्ग - ३  
मुख्याध्यापक / प्राचार्य  
जिल्हा परिषद माध्यमिक विद्यालय व कनिष्ठ  
महाविद्यालय (मुले), खामगाव





आपली सेवा  
अमरपणे करूया



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## तहसीलदार कार्यालय शेगाव

क्रमांक : ३९७७२०९३४७६  
जिल्हा : बुलडाणा

### १ वर्षासाठी उत्पन्नाचे प्रमाणपत्र

प्रमाणित करण्यात येते की, श्री. कैलास त्र्यंबक भोंगे राहणार निवी गाव निवी, तहसील शेगाव, जिल्हा बुलडाणा येथील अर्जदार आहेत. त्यांचे तलाठी अहवाल या आधारावर अर्जदार व त्यांच्या कुटुंबातील सर्व सदस्यांचे सर्व मार्गाने व साधनाने मिळविलेले १ वर्षांचे उत्पन्न खालील प्रमाणे आहे.

वर्ष	वार्षिक उत्पन्न (₹)	अक्षरी (रुपये)
२०२१ - २०२२	४०,०००	चाळीस हजार

सदरचा वाखला श्री. कैलास त्र्यंबक भोंगे यांना शैक्षणिक कामासाठी या कामासाठीच देण्यात येत आहे, तसेच त्यांनी कार्यालयास सादर केलेल्या कागदपत्रांच्या आधारे देण्यात येत आहे.

हे प्रमाणपत्र ३१ मार्च २०२३ पर्यंतच वैध राहील.

सादर केलेल्या दस्तऐवज / पुराव्याचे तपशील

१. निवापत्रिकेची प्रमाणित प्रत
२. आधार कार्ड
३. तलाठी अहवाल
४. स्वघोषण पत्र

स्थळ : शेगाव  
दिनांक : २२/०६/२०२२

*Atsheng*

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महिला संपन्न (मार्ग) अधिनियम, २००० नुसार डिजिटल स्वाक्षरी असलेले हा दस्तऐवज कार्यक्षमतेने तयार केले आहे.

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**नेहमी वापरली जाणारी संक्षिप्त रूपे / सामान्यतः प्रयोग किए जाने वाले संक्षेपशब्द / Generally Used Abbreviations :**

<p>a/c = खाते / खाता / Account                  Adj = समायोजन / समायोजन / Adjustment                  Amt = रक्कम / रकम / Amount                  Ar = उपकारी / वाचप रसिद / Arsur                  bal = बारी / बैल / Balance                  Capn = पूंजीकरण / पूंजीकरण / Capitalization                  chg/ch = चर्च / चर्च / Charge                  chq = चेक / चेक / Cheque                  clm = क्लेम / सामग्री / Claim                  coll = संग्रही / संग्रही / Collection                  comm = आगम / आगम / Commission                  CORR/CORR = सुदोरी / सुदोरी / Correction                  CR = रकम / रकम / Credit                  cash = रोख / रोख / Cash                  dep = बचत / बचत / Deposit                  dir = सुदूर / सुदूर / Direct                  dish/dish = नसत / नसत / Dishonor</p>	<p>DR = दूरे / दूरे / Debit                  DoB = जन्मतारीख / जन्मतारीख / Date of Birth                  dt = रोहिदुनिक तिथी अंतराप / रोहिदुनिक तिथी अंतराप /                  Elccopatic food treater                  Insp = अंतर्दृष्टी / निरीक्षण / Insperative                  ins = निष्ठा / बचत / Insurance                  int/in = व्याज / व्याज / Interest                  Loan = कर्ज / कर्ज / Loan                  mtr = मीटर / मीटर / Meter                  nt = बचत / बचत / Outstanding                  P &amp; T = टपाल व टेलीग्राम / टेलीग्राम व टेलीग्राम /                  Postage &amp; Telegraph                  Pos = लिखाण / लिखाण / Points of sale                  Pr = प्रमुख / प्रमुख / Principal                  proc = प्रोसेसिंग चार्ज / प्रोसेसिंग चार्ज /                  Processing Charge                  rd = अग्रणी रकम / अग्रणी रकम / Recurring Deposits</p>	<p>ret/in = परतव / परतव / Return                  Rad = पूर्णतः / पूर्णतः / Round of                  sb = साक्ष / साक्ष /                  SC = सुरक्षा / सुरक्षा /                  Sbn = सुरक्षा / सुरक्षा /                  SPS = सुरक्षा / सुरक्षा /                  Stan = स्थान / स्थान /                  SDA = सुरक्षा / सुरक्षा /                  T = टार / टार /                  tntic = टार / टार /                  TT = टार / टार /                  un = टार / टार /                  Will = टार / टार /                  *MOD bal = पूर्ण बारी (ब.ब. + सुरक्षा) रकम / सुरक्षा                  बचत (ब.ब. + सुरक्षा) रकम / Right balance                  (SB + linked MOD a/c.)</p>
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*Abhishek*



# G. S. SCIENCE, ARTS & COMMERCE COLLEGE

KHAMGAON - 444 303, Dist. Buldana (M.S.)

Reaccredited by NAAC with 'A' Grade - CGPA 3.08 (Third Cycle)



**Dr. D. S. Talwankar** M.Sc. Ph.D.SET  
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Website : www.gsck.ac.in

No. 1486

Date 5 NOV 2022

To,  
The COO,  
Pune Knowledge Cluster,  
Pune - 411007

## CERTIFICATE OF UNDERTAKING

It is hereby confirmed that Ms. Anjali Kailas Bhonge from the college G. S. Science, Arts and Commerce College, Khamgaon, Dist. Buldana-444303 has been awarded the WEnyan Scholarship (Category A) of Rs. 15000/month for the duration of 06 (six) months, from 01<sup>st</sup> December 2022 to 31<sup>st</sup> May 2023.

She has accepted the scholarship and will be working on the project titled "Biosynthesized Non - Nobel metal NPs catalysed facile and efficient Cross coupling reaction" under the guidance of her mentor/project guide Dr./ Professor Hemantkumar S. Chandak, department of Chemistry.

The college will support her throughout the duration of the project work with all available facilities, infrastructure and any other resources that may be required during the project tenure.

Bhandak

Mentor/Project Guide

Name: Dr Hemantkumar S Chandak

Date: 05<sup>th</sup> November 2022

Talwankar

Principal/Director:

Name: Dr D S Talwankar

Date: 05<sup>th</sup> November 2022

*Principal*

**G. S. Sci. Arts & Commerce  
College, Khamgaon - 444 303**





Coordinator IQAC &lt;iqacgsck@gmail.com&gt;

**Fwd: RESULTS : WEnyan Program Selection Announcement**

1 message

Hemant Chandak <chemants@gmail.com>  
To: iqacgsck@gmail.com

Tue, Sep 26, 2023 at 12:14 AM

----- Forwarded message -----

From: Ritika Ganguly &lt;ritika.ganguly@pkc.org.in&gt;

Date: Fri, 14 Oct, 2022, 17:54

Subject: RESULTS : WEnyan Program Selection Announcement

To: &lt;anjali.bhonge@gmail.com&gt;, &lt;chemants@gmail.com&gt;

Cc: Shilpa Jain &lt;shilpa.jain@pkc.org.in&gt;, Shital Boriwar &lt;shital.nagpure@pkc.org.in&gt;, wenyan pkc &lt;wenyan@pkc.org.in&gt;

Dear Anjali Bhonge,

Thank you for applying for the WEnyan Program.

***Congratulations!***

We are pleased to inform you that you have been selected for the award of the WEnyan Scholarship for your Master's research project. As part of this program, you will be awarded a scholarship of **Rs. 15,000/month** for **6 months** during the course of your research project.

We will be sharing further details about initiation of the project soon.

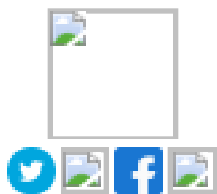
**Kindly confirm** receipt of this email and reply indicating whether you are willing to accept the scholarship **by 18th October 2022**.

***If we don't hear back from you by 18th October, we will assume that you have declined to be part of the program.***

For any further queries please contact us by mobile: [917823892474](tel:917823892474) or email: [wenyan@pkc.org.in](mailto:wenyan@pkc.org.in)

Congratulations once again and we look forward to hearing from you.

Best wishes,  
WEnyan Team

**Ritika Ganguly**

Project Manager

Pune Knowledge Cluster (PKC)

M: +91 6303367483



## THE PUNE KNOWLEDGE CLUSTER (PKC)

Established by the Office of the Principal Scientific Advisor to the Government of India,  
Administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA).

09 November 2022

Ms. Anjali Kailas Bhonge  
Mobile: 7219678895  
anjalibhonge99@gmail.com

Dear Ms. Bhonge,

I am happy to inform you that you have been awarded a scholarship by Pune Knowledge Cluster to pursue a Master's program research project in Chemistry under the **WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.**

You will receive a scholarship of Rs. 15,000.00 per month for a period of 6 (six) months with effect from **December 01, 2022**, subject to your agreement of all the terms and conditions as mentioned in the Annexure: I.

We wish you all the best for your project and hope that this scholarship will enable you to pursue your career interests in the field of Chemistry.

Sincerely,

Dr. Ranganayaki Nagaraj  
Chief Operating Officer (COO),  
Pune Knowledge Cluster (PKC)





Annexure: I

### AGREEMENT

This Agreement is made on this 22<sup>nd</sup> day of NOVEMBER, 2022 between

1) **Pune Knowledge Cluster, Savitribai Phule Pune University Campus Pune 411 007, Maharashtra, India, A Project set up by Principal Scientific Advisor (PSA), Government of India Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune University Campus, Pune 411007, Here in after referred to as "PKC" (which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors-in-title)**

AND

2) Ms. Anjali Kailas Bhonge from Gi. S. Arts Commerce Science college, the candidate selected for awarding a Scholarship under the **WENyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.**, under their **Corporate Social Responsibility (CSR)** funding program. Ms. Anjali Kailas Bhonge is working under the mentorship/guidance of Prof. Dr. Hemant Kumar Chandak from the college Gi. S. Arts Commerce Science Khambgaon, which is also the project implementation site for the candidate.

PKC has approved the said Project and agreed to provide a scholarship of INR 15,000 per month for 6(six) months subject to the following conditions:

1. **The candidate, Ms Anjali Kailash Bhojra, shall**
  - i. Carry out the activities of the project and conform to the specified objectives, outputs, milestones, and targets as mentioned in the proposal submitted.
  - ii. Submit a progress report every month to the Project Manager, PKC and participate in the meetings organized by PKC, to review the progress of the project, as and when called for, to the PKC office.
  - iii. Submit a Project Completion Report to the Project Manager in the format provided at the end of three months.
  - iv. Post duration of support, agree to provide regular updates on the progress of project, career journey, publications, with the PKC team as and when required for the duration of **1 year post duration of support**.
  - v. Acknowledge the assistance of **PKC WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers**, supported by **BASF Chemicals India Pvt. Ltd.** in publications, news articles, talks etc. associated with this project its progress and its success.
  - vi. Agree to interviews, sharing project related information, details about personal background for press, social media and other coverage to showcase the impact of the WEnyan Program.
2. **The candidate warrants** that each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct.
3. **The effective date and tenure of the Scholarship**
  - i. The **Scholarship** shall be effective from the date of its signing by both the parties.
  - ii. The **Scholarship** shall be valid till 6(six) months thereafter.
  - iii. Two copies of this Agreement shall be signed by both the parties and one copy each shall remain in the custody of each party.

Anjali Kailash Bhojra

PKC

The Parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinbefore.

**Parties**

**1. ON BEHALF OF THE PUNE KNOWLEDGE CLUSTER**



Dr. Ranganayaki Nagara  
Chief Operating Officer (COO),  
Pune Knowledge Cluster (PKC)  
Date: 22/11/2022

**2. CANDIDATE**



Name: Ku. Anjali Kailas Ghonge  
Date: 22/10/22



**RESEARCH PROJECT PROPOSAL**

WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers  
(Category A - MS)

<b>Name of the student:</b>	Ms, Anjali Kailas Bhonge
<b>Name of the college:</b>	G. S Science, Arts & Commerce College, Khamgaon Dist- Buldana 444303 (MS)
<b>Title of the Project</b>	<b>Biosynthesized Non-Nobel Metal-NPs Catalysed Facile and Efficient Cross- Coupling Reactions</b>
<b>Details of the project Please provide answers to Q a, b, c separately.</b>	Attached separately
a. The problem or the question the project aims to answer.	1. To develop a method for the biosynthesis of non-noble metal NPs using various plant parts extracts. 2. To develop a method for C-N coupling reactions.
b. Describe what will be done in the project	Attached separately
<b>Project objectives :</b>	a) To synthesize transition metal nanoparticles using biosynthesis. b) To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD etc. c) To explore the application of newly designed nano-catalyst for the C-N coupling reactions.
<b>Possible outcomes of the Project (could be one or more)</b>	New methodology for biosynthesis of transition metal NPs will be developed and its application for C-N cross-coupling reactions will be explored.  The execution of transition metal NPs in the coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.

✓ AkBhonge

R. S.



Proposed starting date	01 December 2022
Duration of the project (in months)	06 Months

**Details of the project:**

Name of the student: Ms. Anjali Kailash Bhonge

Name of the college: G. S Science, Arts & Commerce College, Khamgaon Dist-Buldana-444303 (MS)

Title of the Project:

**Biosynthesized Non-Nobel Metal-NPs Catalysed Facile and Efficient Cross Coupling Reactions**

1. Introduction

1.1 Nano-particles

NPs are very small particles having size ranges from 1 to 100 nm and which is undetectable by the human eye; they can be classified into different classes based on their properties, shapes or sizes. The different groups include fullerenes, metal NPs, ceramic NPs, and polymeric NPs. NPs can exhibit significantly different physical and chemical properties due to their high surface area and nanoscale size.<sup>1</sup> Ancient peoples already make full use of the ceramic matrixes by including natural asbestos nanofibers more than 4,500 years ago. The Ancient Egyptians were also using NPs more than 4000 years ago based on a synthetic chemical process to synthesize ~5 nm diameter PbS NPs for hair dye.<sup>2,3,4</sup> Similarly, "Egyptian blue" was the first synthetic pigment which was prepared and used by Egyptians using a sintered mixture nanometer-sized glass and quartz around 3<sup>rd</sup> century BC.<sup>5</sup> Human dreams and imagination often give rise to new science and technology. Nanotechnology, a 21<sup>st</sup> century achievement, was born out of such dreams. Nanotechnology is defined as the understanding and control of matter at dimensions between 1 and 100 nm where unique phenomena provide novel applications in various filed.<sup>6,7</sup> The concept of a "nanometer" was first proposed by Richard Zsigmondy, the 1925 Nobel Prize Laureate in chemistry. He invents the term nanometer in a clear and detailed manner for characterizing nanoparticle size and he was the first to measure the size of particles such as gold colloids using a microscope. Modern nanotechnology was the brain child of Richard Feynman, the 1965 Nobel Prize Laureate in physics. During the 1959 American Physical Society meeting at Caltech, he presented a lecture titled, "There's Plenty of Room at the Bottom", in which he introduced the concept of manipulating matter at the atomic level.<sup>8</sup>

1.2 Bio-synthesis of metal oxide nano-particles

In the recent years, CuO-NPs, ZnO-NPs and their nanocomposites are exciting inorganic materials can be use in various filed because have generated a great deal of interest such as

*Anjali Bhonge*

*R. B.*

energy conservation, textiles, electronics, healthcare, catalysis, cosmetics, semiconductor, chemical sensing as a catalyst in organic reactions, environmental technology. Nano particles can be synthesized by various methods (Chemicals, physical and biosynthesis) with multiple properties and large application.<sup>9,10</sup>

Recent research trend in green/biosynthesis of nanometals using plant extracts has opened a new era in fast, nontoxic and eco-friendly methods for biosynthesis of metal nanoparticles. Many researchers have reported the biosynthesis of metal and metal oxide based nanoparticles by using various parts of plant such as leaf, leaves, flower, stem and roots extracts and their potential applications in various filed.<sup>15,16,17,18</sup>

Plant mediated green/biosynthesis of metal (Ag, Fe, Zn, Au and Cu) and metal oxide (AgO, FeO, ZnO, AuO and CuO) nanoparticles (NPs) is a revolutionary technique that has wide range of applications in catalysis, organic synthesis, inorganic chemistry, electrochemistry, polymer chemistry, physics, life sciences, agriculture, food industry and pharmaceutical industries for the development of medicine.<sup>19</sup> Medicinal plants possess bioactive phytochemicals such as like proteins, vitamins, coenzymes based intermediates, phenols, flavonoids, steroids, terpenoid, alkaloids and carbohydrates. These bioactive phytochemicals contain hydroxyl, carbonyl, and amine functional groups that react with metal ions and reduce their size into nano range.<sup>20</sup> These molecules not only help in bioreduction of the ions to the nanoscale size, but they also play a vital role in the capping of the nanoparticles which is important for stability and biocompatibility. Reducing agents such as phenolic compounds, sterols and alkaloids can reduce metal ions into NPs in a single reaction.<sup>21</sup>

2. The problem or the question the project aims to answer

After the extensive literature review, we were convinced to focus on biosynthesized metal oxide NPs because it shows several potential bioactivities as well as unique physical and chemical properties. Furthermore C-N coupling reactions are very important to access the organic molecules of varied importance. Under this project we intend to

- a) Develop a method for the biosynthesis of base metal NPs using various plant parts extracts.
- b) Develop a method for C-N coupling reactions.

3. Describe what will be done in the project (Methodology)

The proposed work will be carried out in the following steps.

Step 1: Biosynthesis metal oxide nanoparticles

First, we will synthesize nanoparticles/nanomaterials/nanostructured materials from desired metal salts using different parts of plants.

Step 2: Characterization of synthesized nanoparticles

Characterization of synthesized nanoparticles will be carried out with the help of scanning electron microscope, Transmission electron microscope for understanding the dimensions of nanoparticles and to understand the surface chemistry of nanomaterials and

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nanocomposites of nanoparticles with various support material X-Ray Diffraction studies will be carried out.

#### Step 3: Organic transformation by using novel Nanocatalysis

We intend to develop green protocol for the synthesis of organic molecule having biologically activity and pharmacological, industrial importance. This green protocol will be developed for C-N coupling reactions.

#### Scheme 1: C-N Coupling using

Similar C-N Coupling reactions will be tried. After successful optimization of methodology, the obtained product will be check using TLC and purified using column chromatography etc.; will be characterized by spectroscopic methods.

Structure elucidation of synthesized organic molecules through techniques such UV-Vis Spectrophotometer, IR, <sup>1</sup>HNMR, <sup>13</sup>CNMR, LCMS, etc.

#### 4. Project objectives

The objectives of present work are:

1. To synthesize CuO nanoparticles using biosynthesis.
2. To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD etc.
3. To explore the application of newly designed nano-catalyst for the C-N coupling reactions.

#### 5. Possible outcomes of the project

New methodology for biosynthesis of CuO NPs will be developed and its application for C-N cross-coupling reactions will be explored.

The execution of CuO NPs in the C-N coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.

#### References

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Ms. Anjali Kailash Bhonge  
(Research project student)

*AK Bhong*

*P.S.*



## MILESTONE

### **WEnyan Scholarship and Mentorship Program for Women in STEM Education & Careers (Category A - MS)**

This is a work-plan for the milestones to be achieved upon completion of the project work.

Table:1 informs about the major objectives laid down for each milestone and any relevant documents to be prepared for that stage in the project.

MO is assigned for the start day of the project.

Table: 1 - MILESTONE

MILESTONE	OBJECTIVES & ACTIVITY
Milestone 0 (MO)	<ul style="list-style-type: none"><li>❖ Signing of documents</li><li>❖ Start of Scholarship - 01 December 2022</li></ul>
Milestone 1 (M1) (at end of 2 months)	<ul style="list-style-type: none"><li>❖ <b>Specific objectives:</b> To synthesize CuO nanoparticles using biosynthesis Processes to be undertaken<ul style="list-style-type: none"><li>● Collection and selection of plant materials and extraction of phytochemicals from the plants.</li><li>● Plant mediated biosynthesis of metal nanoparticles for the development of the Nanocatalyst</li></ul>Outcomes expected<ul style="list-style-type: none"><li>● New methodology for biosynthesis of CuO NPs will be developed</li></ul>Results/Analysis</li><li>❖ <b>Update report</b></li></ul>
Milestone 2 (M2) (at end of 4 months)	<ul style="list-style-type: none"><li>❖ <b>Specific objectives:</b> To study and characterize the newly synthesized nanomaterials with the help /by using TEM, SEM and XRD, etc Processes to be undertaken<ul style="list-style-type: none"><li>● Characterization of Nanocatalyst with the help of XRD,SEM,TEM</li></ul>Outcomes expected<ul style="list-style-type: none"><li>● New methodology for biosynthesis of CuO NPs will be developed</li></ul>Results/Analysis</li><li>❖ <b>Update report</b></li></ul>

✓ Aspirations

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<p>Milestone 3 (M3) ( at end of 6 months)</p>	<p>❖ <b>Specific objectives:</b>  <b>To explore application of biosynthesized CuO NPs for C-N cross-coupling reactions.</b>  <b>Processes to be undertaken</b></p> <ul style="list-style-type: none"> <li>● Optimization of reaction condition, identification, separation, purification, of target molecule.</li> <li>● Structure elucidation of organic molecule with the help spectral technique like <sup>13</sup>C, <sup>1</sup>H NMR, IR, UV spectrophotometry, mass spectrophotometry.</li> </ul> <p><b>Outcomes expected</b></p> <ul style="list-style-type: none"> <li>● The execution of CuO NPs in the C-N coupling reactions will be significant contribution in providing green and sustainable pathways for the synthesis of molecules having pharmacological, medicinal and industrial importance.</li> </ul> <p><b>Results/Analysis</b></p> <p>❖ <b>Final project report submission</b></p> <p>❖ <b>Close of Scholarship - At the end of May 2023</b></p>
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Please follow this guideline while entering details in this table:

Do not change the text in **bold**, marked by ❖.

Brief details should be added under the headings marked by ■.

Abhishek

RK

जिल्हा परिषद माध्यमिक विद्यालय व कनिष्ठ महाविद्यालय (मुले)  
खामगांव (जि. बुलढाणा)

\* शाळा सोडण्याचा दाखला \*

3301

(नियम क्र. १७ परिच्छेद ९ च्या अनुसार प्राप्त शाळासंहितानुसार)

शाळा संकेतांक - ०४-०८-०१३

दखलखारीनुसार विद्यार्थ्यांचा क्र. 10095...

क.म.वि. संकेतांक - ०४-०८-००४

- १) विद्यार्थ्याचे नांव कु. अंजली केलस भोंगे
- २) आईचे नांव मर्मिला
- ३) राष्ट्रीयत्व भारतीय
- ४) धर्म व जात (पोटजातीसह) कुणबी
- ५) जन्माचे ठिकाण हुजुपी
- ६) जन्म तारीख ..... ०६ ..... महिना ..... १२ ..... (वर्ष) १९९९  
अक्षरात सहा डिसेंबर ए. वि. शे नव्याठाव
- ७) मागील शाळेचे नांव श्री. अ. खि. नेशनल हायस्कूल, खामगाव
- ८) प्रगती समाधानकारक
- ९) वागणुक चांगली
- १०) प्रवेश घेतल्याची तारीख ०५.०७.२०१८
- ११) शाळा सोडल्याची तारीख ३१.०३.२०१७
- १२) कोणत्या वर्गात व केव्हांपासून १२ (विज्ञान) २०१६  
शिकत आहे (आकड्यात व अक्षरात)
- १३) शाळा सोडण्याचे कारण Appeared for H. S. C. / S. S. C.  
Exam March 2017. पास
- १४) शेर

प्रमाणित करण्यात येते की वरील माहिती शाळेच्या दाखलखारीज नोंदपुस्तिके प्रमाणे आहे.

वर्ग शिबक

तारीख

Atthangar

मुख्याध्यापक वर्ग - २  
मुख्याध्यापक / प्राचार्य  
जिल्हा परिषद माध्यमिक विद्यालय व कनिष्ठ  
महाविद्यालय (मुले), खामगाव

*At: Bhopal*



**SANT GADGE BABA**

**AMRAVATI UNIVERSITY**

**GRADE CARD CUM SEMESTER PERFORMANCE REPORT**

NAME OF EXAM : M SC. (CHEMISTRY) SEMESTER-II (CBCS) (NEW) Summer 2022

NO.-C 0013486

ROLL NO.	NAME OF THE CANDIDATE		ENROLMENT NO.	CENTRE NO.	COLLEGE NO.	MEDIUM	CATEGORY					
	21722	ANJALI KAILAS BHONGE						18206983	301	0301	ENG	0
SUBJECT / COURSE CODE & NAME												
Exams Particulars		Credits Accumulated		SGPA	Grade for SGPA	Result	CGPA	Grand Total of Core & Elective Credits	Remarks	Division		
		Core & Elective	EC									
Total Incentive Marks		26	0	7.50	BB							
Total Incentive Balanced												
2111 Co-ordination Chemistry		80	20					30	19	DD	F	
2112 Organic Chemistry-II		80	20					53	20	BB	F	
2113 Physical Chemistry-II		80	20					50	19	BC	F	
2114 Optical Methods & Environmental Chemistry		80	20					56	18	BB	F	
3003 Lab-III			100						3		AA	F
3004 Lab-IV			100						3		AA	F

NOTE : F=FULL T=THEORY P=PRACTICAL INT=INTERNAL ASSESSMENT AA (Shown in Marks Obtained Column) = ABSENT  
 (Please see overleaf for details of Grading System)

\* = Passed by core marks only  
 \*\* = Passed by Core Marks + Elective Marks

DATE: 26-08-2022

*(Signature)*

DIRECTOR  
 BOARD OF EXAMINATIONS AND EVALUATION  
 SANT GADGE BABA AMRAVATI UNIVERSITY





आपली सेवा  
आमचे कार्य



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## तहसीलदार कार्यालय शेगाव

क्रमांक : ३९७७२०९३४७६  
जिल्हा : बुलढाणा

### १ वर्षासाठी उत्पन्नाचे प्रमाणपत्र

प्रमाणित करण्यात येते की, श्री. कैलास त्र्यंबक भोंगे राहणार निवी गाव निवी, तहसील शेगाव, जिल्हा बुलढाणा येथील अर्जदार आहेत. त्यांचे तलाठी अहवाल या आधारावर अर्जदार व त्यांच्या कुटुंबातील सर्व सदस्यांचे सर्व मागणे व साधनाने मिळालेले १ वर्षांचे उत्पन्न खालील प्रमाणे आहे.

वर्ष	वार्षिक उत्पन्न (₹)	अक्षरी (रुपये)
२०२१ - २०२२	४०,०००	चाळीस हजार

सदरचा वाखला श्री. कैलास त्र्यंबक भोंगे यांना शैक्षणिक कामासाठी या कामासाठीच देण्यात येत आहे, तसेच त्यांनी कार्यालयास सादर केलेल्या कागदपत्रांच्या आधारे देण्यात येत आहे.

हे प्रमाणपत्र ३१ मार्च २०२३ पर्यंतच वैध राहील.

सादर केलेल्या दस्तऐवज / पुराव्यांचे तपशील

१. शिक्षापत्रिकेची प्रमाणित प्रत
२. आधार कार्ड
३. तलाठी अहवाल
४. स्वघोषण पत्र

स्थळ : शेगाव  
दिनांक : २२/०६/२०२२

*Atkhangs*

Signature valid

Digitally Signed by  
Sagar Narayan Bhagwat  
Date: 2022-06-22 05:48:11 PM  
शेगाव

Printed By - OMTID : VLE Name : Abul Gajahan Wankhade, Date: 22/06/2022 1:43PM

महिली संवहान (माहे) अधिनियम, २००० नुसार डिजिटल स्वाक्षरी असणारा हा दस्तऐवज कायदेशीररित्या वैध आहे.

पडताळणीसाठी - <https://www.mahaonline.gov.in/Verify> येथे भेट द्या किंवा वीएसएनएल, एमटीएनएल, टाटा मॉबईल क्. वरून १६६/ अन्य क्. वरून ५९९९९ या क्रमांकावर "MH<space>CSC<space>MFY<space><30 अक्षरी कारकीर्त क्रमांक>" असा एसएमएस पाठवा.

**नेहरू वापरली जाणारी संक्षिप्त शब्द / सामान्यतः प्रयोग किए जाने वाले संक्षेपशब्द / Generally Used Abbreviations :**

<p>A/c = खाते / खाता / Account Adj = समायोजन / समायोजक / Adjustment Amt = रक्कम / रकम / Amount Ar = वापसी / वापस कराने / Arrive Bal = बाली / बैल / Balance Cap = पूंजीकरण / पूंजीकरण / Capitalization Chg/ch = चर्च / चर्चा / Change Clg = क्ले / क्ले / Change Clm = क्लेम / क्लेम / Claim Coll = संग्रही / संग्रही / Collection Comm = आयोग / आयोग / Commission COR/CORR = सुधारी / सुधारी / Correction CR = क्रेडिट / क्रेडिट / Credit Csh = कॅश / कॅश / Cash Dep = जमा / जमा / Deposit Dis = सापुटा / सापुटा / Dish Dis/Dis = नसती / नसती / Dishonor</p>	<p>DB = डेबिट / डेबिट / Debit DoB = जन्मतारीख / जन्मतारीख / Date of Birth EOI = शीटद्वारे मिळालेले अंतर / शीटद्वारे मिळालेले अंतर / Electronic fund transfer Exp = खर्च / खर्च / Expenditure Ins = विमा / विमा / Insurance Int/Int = व्याज / व्याज / Interest Lend/Ln = वसूल / वसूल / Loan Mkt = बाजार / बाजार / Market M = माली / माली / Outstanding P &amp; T = तारक व तारक / तारक व तारक / Postage &amp; Telegram Pr = प्रिन्सिपल / प्रिन्सिपल / Principle Pr = प्रिन्सिपल / प्रिन्सिपल / Principle Proc = प्रोसेसिंग / प्रोसेसिंग / Processing Charge RD = रकम जमा / रकम जमा / Recurring Deposit</p>	<p>Bad = खराब / खराब / Round of Bk = बँक / बँक / Bank SC = स्टॉक / स्टॉक / Stock Sh = शेअर / शेअर / Share SUS = सुसुधारी / सुसुधारी / Sus Stn = स्टेशन / स्टेशन / Station SUD = सुधारी / सुधारी / Sud TT = टिकट / टिकट / Ticket VH = वाहन / वाहन / Vehicle WH = वहाण / वहाण / Warehouse</p> <p>MOOD bad = खराब मूड / खराब मूड / Mood NRI = भारतीय नागरिक / भारतीय नागरिक / NRI (SB = इंस्ट्रुमेंट MOD अ.व.)</p>
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# G. S. SCIENCE, ARTS & COMMERCE COLLEGE

KHAMGAON - 444 303, Dist. Buldana (M.S.)

Reaccredited by NAAC with 'A' Grade - CGPA 3.08 (Third Cycle)



**Dr. D. S. Talwankar** M.Sc. Ph.D.SET  
Principal

Office : 255200 Resi.: 254594  
Fax : 07263 - 253844  
e-mail : principal@gsck.ac.in / gskhamgaonprincipal@gmail.com  
Website : www.gsck.ac.in

No. 1486

Date 5 NOV 2022

To,  
The COO,  
Pune Knowledge Cluster,  
Pune - 411007

## CERTIFICATE OF UNDERTAKING

It is hereby confirmed that Ms. Anjali Kailas Bhonge from the college G. S. Science, Arts and Commerce College, Khamgaon, Dist. Buldana-444303 has been awarded the WEnyan Scholarship (Category A) of Rs. 15000/month for the duration of 06 (six) months, from 01<sup>st</sup> December 2022 to 31<sup>st</sup> May 2023.

She has accepted the scholarship and will be working on the project titled "Biosynthesized Non - Nobel metal NPs catalysed facile and efficient Cross coupling reaction" under the guidance of her mentor/project guide Dr./ Professor Hemantkumar S. Chandak, department of Chemistry.

The college will support her throughout the duration of the project work with all available facilities, infrastructure and any other resources that may be required during the project tenure.

Mentor/Project Guide

Name: **Dr Hemantkumar S Chandak**

Date: **05<sup>th</sup> November 2022**

Principal/Director:

Name: **Dr D S Talwankar**

Date: **05<sup>th</sup> November 2022**

*Principal*

**G. S. Sci. Arts & Commerce  
College, Khamgaon-444303**



**G.S. SCIENCE, ARTS & COMMERCE COLLEGE KHAMGAON-444303**  
**Dist. Buldana 444 303 (M.S.)**



**Internal Quality Assurance Cell**



## **Policy for Promotion of Sports**

### **1. Preamble:**

Activities relating to Sports and Physical Education are essential components of human resource development, helping to promote good health, comradeship and a spirit of healthy competition, which, in turn, has positive impact on the overall development of the personality of the youth. Excellence in sports enhances the sense of achievement, national pride and patriotism. Sports also provide beneficial recreation, improve productivity and foster social harmony and discipline. With the objective of raising the standard of Sports in the country, the Government of India formulated The National Sports Policy, 1984 and incorporated it in The National Education Policy, 1986. In the National Sports Policy 2001, the central Government, in coordination with the State Government, the Olympic Association (IOA) and the National Sports Federation aimed for twofold objectives:

1. "Broad-basing" of Sports and
2. "Achieving Excellence in Sports at the National and International levels".

### **2. Brief Statement**

Our Vision Statement is:

“To make substantial contribution to the overall growth of the region and the nation by providing quality higher education to students from all sections of the society.”

In line with national agenda and our vision statement, G. S. Science, Arts and Commerce College, Khamgaon is committed to the pursuit of excellence in sports and allied areas. Our commitment to this cause is reflected through our continuous efforts in providing the best of infrastructure and training to the sportspersons in the locality. Developing a policy for the promotion of Sports is an impactful strategy for creating future sporting talent for the country.

This document contains the policy for the promotion of sports and other related activities by G. S. Science Arts and Commerce College, Khamgaon. It also outlines the objectives, principles and procedures that should be taken into account while achieving the aforesaid twofold national objectives.



### 3. Background

According to AISHE-2019 report, about 60% of enrollment to higher education comes from rural and semi-urban background. The enrollment profile of our college is no exception to the national trend. The students from these regions are sincere and hardworking. However, due to the lack of proper facilities and training, many of them fail to excel in sports. This scenario is very common in our region too. Considering this, a few of our teachers started promoting students to ensure participation in sports. As an institute, we tried our level best to ensure participation and provide platform to the sportspersons. This is obvious from the following achievement of the students in the sports arena:

Sr No	Year	No. of color holder	Sr No	Year	No. of color holder
1.	1984-85	05	20.	2003-04	04
2.	1985-86	05	21.	2004-05	01
3.	1986-87	12	22.	2005-06	04
4.	1987-88	05	23.	2006-07	03
5.	1988-89	05	24.	2007-08	04
6.	1989-90	03	25.	2008-09	03
7.	1990-91	02	26.	2009-10	06
8.	1991-92	04	27.	2010-11	04
9.	1992-93	04	28.	2011-12	05
10.	1993-94	03	29.	2012-13	02
11.	1994-95	05	30.	2013-14	03
12.	1995-96	04	31.	2014-15	03
13.	1996-97	05	32.	2015-16	08
14.	1997-98	03	33.	2016-17	04
15.	1998-99	05	34.	2017-18	04
16.	1999-00	08	35.	2018-19	02
17.	2000-01	04	36.	2019-20	01
18.	2001-02	04	37.	2020-21	No event due to Covid
19.	2002-03	13	38.	2021-22	03

Some students who excelled in sports/ cultural/NCC/ NSS events have chosen sports as a career while some got placed through the sports quota in government and public sector undertakings. It is also important to note that we are among the few colleges in the university to have best of the sporting facilities like a ten-lane swimming pool, indoor stadium and a huge play-ground. With this backdrop, the IQAC of our college has decided to design a policy to encourage and promote participation of a greater number of students in sports and allied events.

### **3. Objectives:**

For preserving the rich sporting culture of the state and for facing the challenges at international level, empowerment of the entire sports field has become a necessity.

In accordance with this decision and considering the recommendations made by the sports department and the IQAC members, the policy has been prepared.

The aim is to harness the available talent and potential of the sports persons, and achieve following objectives:

1. To create a conducive atmosphere for sports by providing best of the basic sports infrastructure
2. To promote sports through felicitation, scholarship and rewards for sportspersons.
3. To provide a platform to the students to experience and understand the temperament for sports
4. To produce national/ international level sportspersons

### **4. Policy for Promotion of Sports and allied events**

For preserving the rich sporting culture of the nation and for facing the challenges at international level, empowerment of the entire field of sports has become a necessity.

Infrastructural development and incentives to the sports person are the key elements of this policy.

#### **4. A. Development of Sports Infrastructure:**

In order to inculcate sporting culture and harness the talent in the youth of the region providing best of the sporting infrastructure is the mainstay. The institution already has good sporting infrastructure and we do ensure the optimum utilization of this infrastructure by our students and other interested sportspersons in the region. As a part of the strategic plan of the institute we intend to develop following sports infrastructure:

- Archery and shooting range on our campus.
- A four-hundred meter running track to facilitate all athletics event like hammer throw, long jump, hurdle etc.
- A cricket stadium
- Grounds for football, basketball, volleyball, kabaddi and kho-kho etc
- A multipurpose hall with facilities for Gymnastics , boxing, Karate, Taekwondo, kudo, skating etc.
- Modern pentathlon Sports

The available infrastructure will be made available to students of other institutions and sportspersons in the region also.

❖ **Financial requirement for the infrastructure:**

The finance required for this infrastructure will be met from the schemes of various government agencies, NGOs, Philanthropists, alumni and the parent trust of the college (The Vidarbha Shikshan Prasarak Mandal). Department of Sports and Physical Education will form a task force as per need and submit its proposal to various funding agencies.

**4. B. Training and Coaching to the sportspersons:**

Necessary trainers and coach will be hired as per the needs. Institute will enter into MoU with different sports organizations for mutual benefit and promotion of sports.

Open access to Gym, Swimming pool and Indoor stadium will be help the aspiring sportspersons keep fit

**4. C. Social Outreach to promote sports in the region:**

Students of the different schools in the region who represented their institutions at state/ national level will be provided access to the sports facilities of the college free or at a subsidized rate.

**4. D. Financial support to sportspersons:**

Incentives provide recognition and financial security to distinguished sports persons, during and after their sporting careers, and also motivate the youth in the serious pursuit of sports activities. For developing competitive spirit and for talent-scouting, the institute plans to start a scholarship named “ **Babasaheb Bobdey Khelratna Scholarship**”

❖ **Babasaheb Bobdey Khelratna Scholarship**

To ensure all-round development of students and achieve excellence in sports and allied area, this scholarship will be a stepping stone. There will be committee comprising of following members for the screening of the applications:

1. The Principal (Chairman)
2. The Registrar (Member)
3. Director of Physical Education (Member Secretary)
4. Two teachers from Sports and Cultural committee

Babasaheb Bobdey Khelratna Scholarship committee will ensure the selection of the student-beneficierie(s) by considering following points.

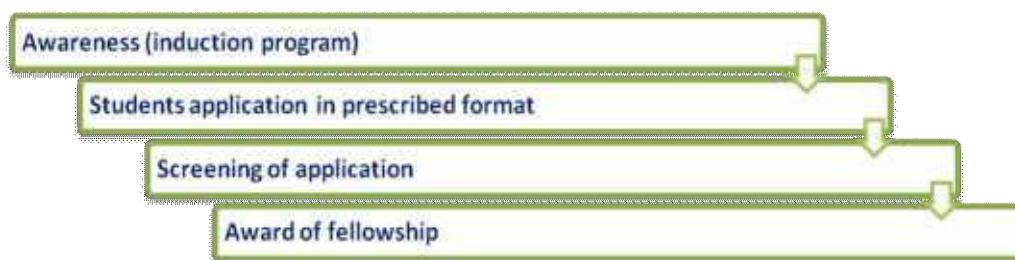
- **Admission:** Students who have demonstrated themselves as a a distinguished sportsperson at district/ state/ national/ international level will be given a due weightage while preparing the merit list for admission. Additional fee waiver (partial/complete) will be given to outstanding sportspersons on recommendation of the scholarship committee.
- **Sporting facilities:** Development of new sports facilities (**mentioned in 4A**) to be provided to the sportsperson(s) should be recommended to relevant bodies like CDC/ GB. Sports committee will also ensure the maximum utilization of sporting infrastructure.

- **Scholarship to Outstanding sportsperson:** Students who represent the college at the university level (and above) in sports, NCC, NSS, and cultural events (Youth Festival) will be provided a scholarship of Rs 10000 each.

✓ **Procedure for the sanction of scholarship:**

1. Awareness about the scholarship will be created through Induction program, college prospectus and display of circulars.
2. Students will apply for scholarship in a prescribed format (**Annexure 1**)
3. Babasaheb Bobdey Khelratna Scholarship committee will screen the application
4. Display of awardees
5. Fellowship will be awarded to the scholars on the birth anniversary of Late Babasabeji Bobdey i.e. 17 April.

✚ **Note:** The decision of the screening committee for the award of scholarship will be final. The committee can vary the amount and nature of scholarship as needed.



✓ **Timeline for Babasaheb Bobdey Khelratna Scholarship**

Awareness/ Information to Students	: First week of March
Filing of Applications by the students	: Last week of March
Scrutiny of the Applications and display of the list of selected students	: First week of April
Award of Fellowship	: 17 <sup>th</sup> April
Submission of Report to IQAC	: Fourth week of April

✓ **Generation of funds for the scholarship:**

It is expected that a fund of about Rs 15000/ per year will be required initially. Finance required for execution of this scholarship will be met through the support from the parent trust Vidarbha Shikshan Prasarak Mandal, Khamgaon, donations from alumni and philanthropists.

Dr. H S Chandak

Dr. D. S. Talwankar  
Principal

G.S.Sel., Arts & Commerce  
College, Khamgaon-444303