

Estd. : June - 1984

"Education Through Self - Help Is Our Motto" - Karmaveer

Rayat Shikshan Sanstha's

ARTS, SCIENCE AND COMMERCE COLLEGE, MOKHADA

Tal. : Mokhada, Dist.: Palghar - 401 604 (Maharashtra)

(Affiliated to University of Mumbai, Mumbai)



Ph: (O): 02529 295101

Ph: (R): 02529 299728

NAAC Accredited - 'B' Grade
ISO Certified 9001:2015

Email: asccmokhada@gmail.com

Website: www.asccmokhada.co.in

Principal

Dr. L. D. Bhor

(M.Com., B.Ed., M.Phil., Ph.D.)

Outward No. :

Date: 02/12/2021

Research Committee

College has constituted research committee for the academic year 2020-21.
Following teachers were the members of the committee.

- | | |
|------------------------|----------|
| 1. Dr. R. K. Kadu | Chairman |
| 2. Dr. D. R. Nagargoje | Member |
| 3. Dr. S. K. Pawar | Member |
| 4. Dr. S. H. Jadhav | Member |




Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

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Date: 02/12/2021

Research Committee

College has constituted research committee for the academic year 2021-22.
Following teachers are the members of the committee.

- | | |
|------------------------|----------|
| 1. Dr. D. R. Nagargoje | Chairman |
| 2. Dr. A. N. Chandore | Member |
| 3. Dr. S. H. Jadhav | Member |
| 4. Dr. S. K. Pawar | Member |
| 5. Dr. Y. H. Ulvekar | Member |



Principal

Arts, Science & Commerce, College
Mokhada, Dist. Palghar

Estd. : June - 1984

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Tal. : Mokhada, Dist.: Palghar - 401 604 (Maharashtra)
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Email: asccmokhada@gmail.com
Website: www.asccmokhada.co.in

Principal

Dr. L. D. Bhor

(M.Com., B.Ed., M.Phil., Ph.D.)

Outward No. :

Date: 04/07/2022

Research Committee

College has constituted research committee for the academic year 2022-23.
Following teachers are the members of the committee.

- | | |
|------------------------|----------|
| 1. Dr. V. B. Gade | Chairman |
| 2. Dr. D. R. Nagargoje | Member |
| 3. Dr. A. N. Chandore | Member |
| 4. Dr. S. H. Jadhav | Member |
| 5. Dr. S. K. Pawar | Member |
| 6. Dr. Y. H. Ulvekar | Member |




Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 201921024078 A

(19) INDIA

(22) Date of filing of Application : 18/06/2019

(43) Publication Date : 25/12/2020

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3-PYRAZOLYL SUBSTITUTED 3-HYDROXY OXINDOLE DERIVATIVES

(51) International classification	:C07D0209340000, C07D0209380000, C07D0401140000, C07D0231180000, C07D0403140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(71) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant :

1) DR. PRAMOD B. THAKUR

Address of Applicant : DEPARTMENT OF CHEMISTRY
RAYAT SHIKSHAN SANSTHA MAHATMA PHULE AR
SCIENCE & COMMERCE COLLEGE, PANVEL, DISTRICT
RAIGAD, NAVI MUMBAI, MAHARASHTRA-410206, INDIA
Maharashtra India

(72) Name of Inventor :

1) DR. PRAMOD B. THAKUR

2) DR. GANESH A. THAKUR

3) DR. VISHWANATH R. PATIL

4) MR. GANAPATI J. KORANE

5) DR. RUPASHRI K. KADU

(57) Abstract :

This invention relates to 3-pyrazolyl substituted 3-hydroxy oxindole derivatives and a process for their preparation which are medicinally imperative scaffolds and useful as a valuable precursor in medicinal chemistry. More specifically, the invention relates to one pot three component and rapid process for synthesis of different 3-pyrazolyl substituted 3-hydroxy oxindole analogues. These compounds were synthesized by reacting ethyl acetoacetate, hydrazine hydrate and isatin of formula (I). The reaction process was carried out using tap water as solvent to form corresponding 3-pyrazolyl substituted 3-hydroxy oxindole derivatives of formula (II).



No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202221006276 A

(19) INDIA

(22) Date of filing of Application :05/02/2022

(43) Publication Date : 12/08/2022

(54) Title of the invention : RAPID GREEN PROCESS USING OPAQUE LATEX OF JATROPHA CURCAS PLANT FOR THE PREPARATION OF HIGHLY PURE NICKEL OXIDE

(51) International classification :C01G0053040000, H01M0004860000, C01G0053090000, G02F0001152300, C12N0001200000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Manohar Kashiram Jopale

Address of Applicant :Arts, Commerce and Science College, Tryambakeshwar -----

2)Dr. Amol Haridas Kategaonkar

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Santosh Shiram Katkar

Address of Applicant :Research Center, Department of Chemistry, MSS's Arts, Science and Commerce College, Ambad, Dist-Jalna-431 204 -----

2)Dr. Vilas Bhausaheb Gade

Address of Applicant :Rayat Shikshan Sanstha's Arts, Science and Commerce College, Mokhada, Dist. Palghar-401 604 -----

3)Sarang Ramakant Bhagwat

Address of Applicant :Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai-400 703 -----

4)Dr. Ramhari Vishnu Rote

Address of Applicant :Department of Chemistry, MVP Samaj's KTHM College, Gangapur Road, Nashik- 422 002. -----

5)Dr. Sharad Suresh Kambale

Address of Applicant :MVP Samaj's Arts, Commerce and Science College, Tryambakeshwar, District Nashik-422 212 -----

(57) Abstract :

Nickel oxide has number of applications in fields like electronic, magnetic and in industries the requirement of nickel oxide (NiO) is in large quantity and in high purity state. The present rapid green process invented for the preparation of nickel oxide (NiO) from analytical reagent grade solid nickel chloride (NiCl₂.6H₂O) and specifically opaque latex of Jatropha curcas plant as a green solvent. This process results in covering the green chemistry principles like waste prevention, all atoms converted to oxide, less hazards, non-toxic material generation, due to short time requirement for the real time analysis pollution prevention occurred, energy required for this process was minimized. Material was analysed by using XRD, EDAX and SEM characterization methods. This results in perfectly matches to (JCPDF: 00-432-0490) card number for NiO.

1. Calculated sample was analysed for its purity from XRD database which shows exact match of XRD patterns with reference JCPDS (00-432-0490) database of nickel oxide

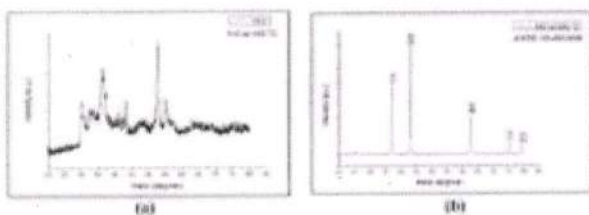


Fig: XRD patterns of Nickel Oxide (NiO) in Jatropha curcas latex at a) 400°C b) 450°C.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202221045945 A

(19) INDIA

(22) Date of filing of Application :11/08/2022

(43) Publication Date : 26/08/2022

(54) Title of the invention : A METHOD FOR MANUFACTURING NANOPARTICLES OF COBALT OXIDE WITH TRAPPED NEON

(51) International classification :B01J0023750000, C01G0051000000, A23K0050100000, H01G0011460000, C01G0051080000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Manohar Kashiram Jopale
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2)Amol Haridas Kategaonkar
3)Bharat Namdev Shelke
4)Gayatri Madhukar Gaidhane
5)Ramhari Vishnu Rote
6)Vilas Bhausaheb Gade
7)Santosh Shriram Katkar
8)Sharad Suresh Kambale
Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
1)Manohar Kashiram Jopale
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2)Amol Haridas Kategaonkar
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Address of Applicant :Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai 400703 Vashi Maharashtra India Mumbai -----
5)Ramhari Vishnu Rote
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6)Vilas Bhausaheb Gade
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7)Santosh Shriram Katkar
Address of Applicant :Mss's Arts, Science And Commerce College, Ambad, Dist. Jalna 431 204 Jalna Maharashtra India Ambad -----
8)Sharad Suresh Kambale
Address of Applicant :Mvp Samaj's, Arts, Commerce And Science College, Tryambakeshwar Dist. Nashik 422212 Maharashtra India Nashik -----

(57) Abstract :

A method for manufacturing nanoparticles of cobalt oxide (Co₃O₄) with trapped neon provides a unique process for manufacturing cobalt oxide with improved glossy finish. The said process by the invention uses Jatropha curcas latex which after heating with cobalt chloride under controlled conditions, trap the neon in it and after such neon trapped cobalt chloride is heated at prescribed temperature under controlled environment, gives cobalt oxide nanoparticles with glossy finish. This process is efficient and effective compared to previous processes and also is less polluting. This invention can be implemented in all the industries which require coating on the metals such as automobile and construction industry.

No. of Pages : 12 No. of Claims : 3



- (51) International Patent Classification:
Not classified
- (21) International Application Number:
PCT/IN2022/050587
- (22) International Filing Date:
27 June 2022 (27.06.2022)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
202221006276 05 February 2022 (05.02.2022) IN
- (61) Related by addition to earlier applications or grants:
IN 202221006276 (POA)
Filed on 05 February 2022 (05.02.2022)
IN PCT/IN2022/006276 (POA)
Filed on 05 February 2022 (05.02.2022)
- (72) Inventors; and
- (71) Applicants: **JOPALE, Manohar Kashiram** [IN/IN]; MVP's, Arts, Commerce and Science College, Tryambakeshwar Dist.Nashik, Nashik 422212 (IN). **KATE-GAONKAR, Amol Haridas** [IN/IN]; Research Centre and Post Graduate, Department of Chemistry, M.V.P. Samaj's,

K.S.K.W. Arts, Science and Commerce College, CIDCO, Uttamnagar, Nashik 422008, Maharashtra (IN).

- (72) Inventors: **KATKAR, Santosh Shiram**; Research Center, Department of Chemistry, MSS's Arts, Science and Commerce, College, Ambad, Dist-Jalna-431204 (IN). **GADE, Vilas Bhausaheb**; Rayat Shikshan Sanstha's Arts, Science and Commerce College, Mokhada, Dist., Palghar-401 604 (IN). **BHAGWAT, Sarang Ramakant**; Rayat Shikshan Sanstha's, Karmaveer, Bhaurao Patil, College, Vashi, Navi Mumbai 400 703 Vashi (IN). **ROTE, Ramhari Vishnu**; Department of Chemistry, MVP, Samaj's KTHM College, Gangapur Road, Nashik- 422 002 (IN). **KAMBALE, Sharad Suresh**; MVP Samaj's Arts, Commerce and Science College, Tryambakeshwar, District Nashik 422 212 (IN).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,

(54) Title: RAPID GREEN PROCESS USING OPAQUE LATEX OF *JATROPHA CURCAS* PLANT FOR THE PREPARATION OF HIGHLY PURE NICKEL OXIDE

Images during Nickel Oxide Preparation.

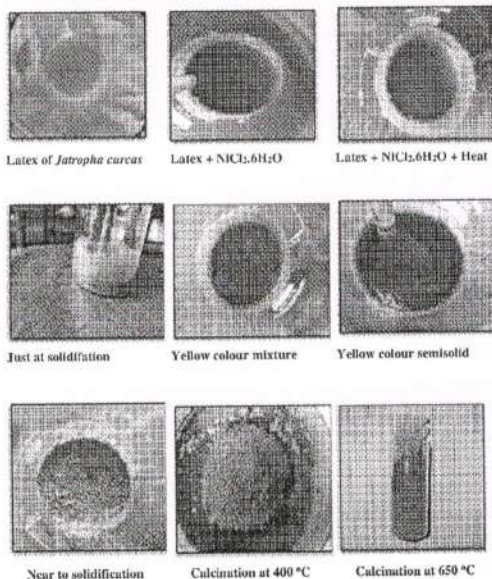


Fig4 Nickel Oxide Preparation

(57) Abstract: Nickel oxide has number of applications in fields like electronic, magnetic and in industries the requirement of nickel oxide (NiO) is in large quantity and in high purity state. The present rapid green process invented for the preparation of nickel oxide (NiO) from analytical reagent grade solid nickel chloride ($\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$) and specifically opaque latex of *Jatropha curcas* plant as a green solvent. This process results in covering the green chemistry principles like waste prevention, all atoms converted to oxide, less hazards, non-toxic material generation, due to short time requirement for the real time analysis pollution prevention occurred, energy required for this process was minimized. Material was analysed by using XRD, EDAX and SEM characterization methods. This results in perfectly matches to (JCPDF: 00-432-0490) card number for NiO.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202221061719 A

(19) INDIA

(22) Date of filing of Application :29/10/2022

(43) Publication Date : 11/11/2022

(54) Title of the invention : SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT

(51) International classification :A61P0031100000, C12N0007000000, A61P0035020000, C07D0403120000, A61P0007000000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Dr. Hemantkumar Navnath Akolkar

Address of Applicant :Department of Chemistry, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist- Ratnagiri-416702, Maharashtra, India Rajapur -----

2)Mr. Ramesh A. Kawale

3)Dr. Mubarak Hanif Shaikh

4)Dr. Vijay Khedkar

5)Ms. Nirmala Ramdas Darekar

6)Dr. Dipak N. Raut

7)Dr. Sharad Narayan Shelke

8)Mr. Jaidip B. Wable

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Hemantkumar Navnath Akolkar

Address of Applicant :Department of Chemistry, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist- Ratnagiri-416702, Maharashtra, India Rajapur -----

2)Mr. Ramesh A. Kawale

Address of Applicant :Department of Chemistry, Arts, Science and Commerce College, Mokhada- 401604, Dist- Palghar, Maharashtra, India Mokhada -----

3)Dr. Mubarak Hanif Shaikh

Address of Applicant :Department of Chemistry, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar, Dist- Ahmednagar-414001, Maharashtra, India Ahmednagar -----

4)Dr. Vijay Khedkar

Address of Applicant :School of Pharmacy, Vishwakarma University, Pune-411048, Maharashtra, India Pune -----

5)Ms. Nirmala Ramdas Darekar

Address of Applicant :Department of Chemistry, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar, Dist- Ahmednagar-414001, Maharashtra, India Ahmednagar -----

6)Dr. Dipak N. Raut

Address of Applicant :A.V.C.O.P., Sangamner, Dist-Ahmednagar-422608, Maharashtra, India Ahmednagar -----

7)Dr. Sharad Narayan Shelke

Address of Applicant :Department of Chemistry, R. B. N. B. College, Shirampur, Dist- Ahmednagar-413709, Maharashtra, India Shirampur -----

8)Mr. Jaidip B. Wable

Address of Applicant :K J Somaiya College of Science and Commerce, Vidyavihar, Mumbai- 400077, Maharashtra, India Mumbai -----

(57) Abstract :

ABSTRACT SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT The Invention is relates to substituted 1, 2, 3 Triazole compounds of Formula (I) and pharmaceutical acceptable salts, wherein substitutes as described herein, and their use in medicine as an anti-oxidant agents. The invention is also related to pharmaceutical composition thereof.

No. of Pages : 25 No. of Claims : 7

**Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada
Mokhada Dist. Palghar – 401 604**

Innovative Projects Report 2021-22

Following innovative projects completed successfully during the year 2021-22.

Sr. No	Name of Project	Mentor	Department	No. of Students Participated
1	Solar DC Water Pump	Mr. S. A. Funde	Physics	09
2	Hands-on Training for the Preparation of Cleaning Agents and Perfume	Dr. V. B. Gade	Chemistry	07
3	Colour/Rangoli Pendulum	Mr. P. K. Patil	Mathematics	05
4	Ethnobotanical Study and Medicinal plants survey of Suryamal area	Mr. S. E. Saindanship Dr. A. N. Chandore Mr. S. Y. Tayde	Botany	05
5	Preparation and Distribution for Feeder and Potter for Birds	Dr. S. K. Pawar	Zoology	05
6	Women Self-Help Groups-Self Earning Guidance Programme	Mr. S. R. Vhande Mr. V. G. Chothe	NSS	07
7	Health Check-up of Tribal Adolescent Girls to Monitor Health Status and Make Awareness about Hygiene	Dr. S. K. Pawar	Ladies Welfare Committee	03
8	Digital Saksharta Centre	Mr. S. A. Funde Dr. V. B. Gade	Physics Chemistry	-
9	मस्त्यपालन व्यवसाय	Mr. T. M. Paradke	English	07
10	Scitech Soymate Project	Mr. A. J. Gavande	Chemistry Commerce	10
11	Study of Self Help Group of Pawarpada	Dr. Y. H. Ulvekar Mr. M. R. Khambait	Economics	08
12	बोली भाषेतील शब्दांचे जतन एक उपक्रम	Mr. R. D. Ghatal	Marathi	05
13	मोखाडा परिसरातील ऐतिहासिक वास्तूचे जतन आणि संवर्धन	Dr. S. H. Jadhav	History	04
14	Awareness of Vyasandhinta ani Andhasraddha Nirmulan	Mr. P. L. Nadekar	Psychology	08



15	To Teach English Ashram School Students	Mr. T. M. Paradke	English	-
16	Awareness of Cashless Transaction in Tribal Area of Warghadpada	Mr.S. G. Mengal Mr. S. K. Damse	Commerce	07
17	Training Programme of Tarapa Dance	Dr. Y. H. Ulvekar Mr. R. D. Ghatal	Cultural Department	10
18	ग्रंथालय आपल्या दारी	Mr. P. M. Dhawane Mr. D. R. Bhoje	Social Science	05
19	To create research interest among the students and introduce to the biodiversity	Dr. D. R. Nagargoje Mr. K. K. Pardhi	Research Committee	05
20.	Borewell Recharge in College Campus	Mr. S. E. Saindanshiv Dr. A. N. Chandore Mr. S. Y. Tayde	Botany	-




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 Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada, Dist: Palghar

15th Inter-Collegiate/ Institute/ Department Research Convention 2020-21

Sr. No.	Name of Project	Category	Level	Mentor	Students Participants
1	मोखाडा तालुक्यातील आदिवासी भाग हिरवे गावातील स्ट्रॉबेरी शेतीतील उत्पन्न - चिकीत्सक अभ्यास	Commerce, Management and Law	UG	Mr. Pradeep Vasantao Gaikwad	Mr. Kadu Nilesh Devidas Ms. Chumbale Samruddhi Sudhir
2	The Role of Self- Help Groups in Women Empowerment: Special Reference to Mokhada Taluka, District Palghar	Humanities, Languages and Fine Arts	UG	Dr. Yashwant Harishchandra Ulvekar	Mr. Warghade Manoj Bhagirath Mr. Mahale Devidas Bhau Mr. Maule Jagadish Laxman Mr. Bhusare Navanath Chandar Mr. Vishe Milind Parshuram
3	Suicidal Ideation of adolescents	Humanities, Languages and Fine Arts	UG	Dr Pravin Ambadas Baviskar	Mr. Warghade Nilesh Chintaman Mr. Wadakar Shankar Balakrashana Mr. Korada Chandrkant Devram Mr. Kavha Sitaram Kashinath
4	Mathematical Beauty in Taj Mahal	Pure Sciences	UG	Mr. Prashant Kesarinath Patil	Mr. Bodhere Pradip Sadashiv Mr. Gadage Pankaj Ganapat Ms. Maniyar Shifa Salim Ms. Yele Kirti Somnath Ms. Patil Rupali Ashok
5	आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास	Humanities, Languages and Fine Arts	UG	Dr. Santosh Hanumant Jadhav	Mr. Patil Bhavesh Ganapat Mr. Jangali Kailas Raju Mr. Digha Kishor Kashinath Ms. Korde Sarita Bhagawan Ms. Mahale Dipali Devram
6	Development of lead-free organometal halide perovskite for solar cell applications	Pure Sciences	UG	Mr. Subhash Ajinath Funde	Mr. Gangurde Mukund Suresh Ms. Fasale Chhaya Yadav Ms. Mhasare Jotsana Arvind Ms. Shaikh Momina Amin



7	Coleoptera (Insecta: Arthropoda) of Mokhada Tahsil, District Palghar (M.S.) India	Agriculture and Animal Husbandry	UG	Dr. Amol Balbhim Mamlayya	Mr. Wangad Suraj Gopal Mr. Kadu Vishal Kartik Ms. Dingore Dhanashri Pramod
8	Factors affecting the English language learning of students of tribal mokhada taluka	Humanities, Languages and Fine Arts	UG	Mr. Tersing Maktya Paradke	Mr. Shende Rohidas Devram Mr. Randada Tarachand Budya Mr. Raut Ravindra Harichandra
9	मोखाडा परीसरातील धार्मिक, ऐतिहासिक वस्तू व विरगळ : चिकीत्सक अभ्यास	Humanities, Languages and Fine Arts	PG	Dr. Vasudeo Mahadeorao Dongardive	Mr. Nadge Ishvar Krushna Mr. Gahale Ganesh Motiram Mr. Lahare Ishwar Pandurang Ms. Lahare Devyani Madhukar
10	Synthesis and Optical Properties of New Azastilbenes based Push-Pull Conjugated Chromophoric Framework	Pure Sciences	UG	Dr. Rupashri Kishor Kadu	Ms. Madake Manali Motiram
11	Synthesis And Catalytic Application of Versatile Recyclable Nanocatalyst in Multicomponent Reaction - A Sustainable Protocol	Pure Sciences	UG	Dr. Vilas Bhausahab Gade	Ms. Randive Devashree Santosh



Principal

Arts, Science & Commerce, College
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada, Dist: Palghar
16th Inter-Collegiate/ Institute/ Department Research Convention 2021-22

Sr. No.	Name of Project	Category	Level	Mentor	Students Participants
1	आदिवासी समाजातील हळद व विवाह प्रसंगीच्या आदिवासी गाण्यांचा अभ्यास	Humanities, Languages and Fine Arts	UG	Dr. Santosh Hanumant Jadhav	Ms. Badade Jyosna Yuvraj Mr. Kharpade Janardhan Chima Mr. Maule Raju Yashawant
2	Teaching English in tribal mokhada taluka, District Palghar	Humanities, Languages and Fine Arts	UG	Mr. Tersing Maktya Paradke	Mr. Korde Kalpesh Bhagvan Mr. Bhoje Subhash Prakash Mr. Korada Chandrakant Devram
3	A Study of Socio -Economic Impact of COVID 19 Pandemic Period on Tribal Community of Mokhada Taluka	Humanities, Languages and Fine Arts	UG	Dr. Yashwant Harishchandra Ulvekar	Mr. Gavit Chandrakan Janu Mr. Gavari Vaibhav Vasant
4	An Analytical Study of Cultivation and Marketing of Mangoes in Mokhada Taluka	Commerce, Management and Law	UG	Mr. Chothe Vishwaas Ganpat	Mr. Achari Sharad Devram
5	Analytical study of Thane District Central Co-operative Bank Ltd. Thane in Commerce, Management and Law	Commerce, Management and Law	UG	Mr. Mengal Santosh Gangaram	Mr. Khode Ajay Ramdas
6	SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL CHROMONE CONTAINING 1, 2, 3- TRIAZOLES	Pure Sciences	UG	Mr. Ramesh Ashok Kawale	Ms. Wagh Yamini Hiraman Ms. Patil Sakshi Sanjay
7	Applications of Differentiation	Pure Sciences	UG	Mr. Prashant Kesarinath Patil	Ms. Dodhad Kirti Bhau Mr. Padir Jayesh Narendra Mr. Bhavari Kiran Pandurang



8	Synthesis and catalytic application of magnetic nanoparticles in the synthesis of Bezopyran Derivatives	Pure Sciences	UG	Dr. Vilas Bhausaheb Gade	Ms. Randive Devashree Santosh
9	Synthesis and Characterization of Perovskite solar cell materials in Pure Sciences	Pure Sciences	UG	Mr. Subhash Ajinath Funde	Mr. Nadge Shivram Sonya Mr. Topale Yogesh Kisan Mr. Maniyar Shadab Nisar
10	Comparative Study of Vermicompost and Vermiwash with reference to Nutrient Contents	Agriculture and Animal Husbandry	UG	Dr. Ayaj Ladlesaheb Shaikh	Mr. Gode Yuvraj Jayram Mr. Chaudhari Vijay Parshu
11	Study of Body Mass Index (BMI) and Haemoglobin in some tribal adolescents of Mokhada Tahsil, Dist. Palghar	Medicine and Pharmacy	UG	Dr. Shilpa Kumar Pawar	Ms. Warghade Vaishali Kashinath Mr. Waghare Devendra Pandit




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This is to certify that **Mr. Jangali Kailas Raju** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled "आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास" in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Digha Kishor Kashinath** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled “आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास” in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Gangurde Mukund Suresh** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Development of lead-free organometal halide perovskite for solar cell applications** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Wangad Suraj Gopal** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Coleoptera (Insecta: Arthropoda) of Mokhada Tahsil, District Palghar (M.S.) India** in **Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Kadu Vishal Kartik** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Coleoptera (Insecta: Arthropoda) of Mokhada Tahsil, District Palghar (M.S.) India** in **Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Shende Rohidas Devram** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Factors affecting the English language learning of students of tribal mokhada taluka in Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Randada Tarachand Budya** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Factors affecting the English language learning of students of tribal mokhada taluka in Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Raut Ravindra Harichandra** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Factors affecting the English language learning of students of tribal mokhada taluka in Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Lahare Ishwar Pandurang** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **मोखाडा परिसरातील धार्मिक, ऐतिहासिक वस्तू व विरगळ : चिकित्सक अभ्यास** in **Humanities, Languages and Fine Arts** category and **PG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Randive Devashree Santosh** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **“SYNTHESIS AND CATALYTIC APPLICATION OF VERSATILE RECYCLABLE NANOCATALYST IN MULTICOMPONENT REACTION - A SUSTAINABLE PROTOCOL”** in **Pure Sciences** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Chumbale Samruddhi Sudhir** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **मोखाडा तालुक्यातील आदिवासी भाग हिरवे गावातील स्ट्रोबेरी शेतीतील उत्पन्न - चिकित्सक अभ्यास** in **Commerce, Management and Law** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Maniyar Shifa Salim** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Mathematical Beauty in TajMahal** in **Pure Sciences** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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AVISHKAR

Research Convention: 2020-21

SELECTION ROUND

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Certificate of Participation

This is to certify that **Ms. Korde Sarita Bhagawan** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled “**आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास**” in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Mahale Dipali Devram** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled “**आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास**” in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Fasale Chhaya Yadav** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Development of lead-free organometal halide perovskite for solar cell applications** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Mhasare Jotsana Arvind** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Development of lead-free organometal halide perovskite for solar cell applications** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Shaikh Momina Amin** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Development of lead-free organometal halide perovskite for solar cell applications** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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Certificate of Participation

This is to certify that **Ms. Dingore Dhanashri Pramod** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Coleoptera (Insecta: Arthropoda) of Mokhada Tahsil, District Palghar (M.S.) India** in **Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Ms. Lahare Devyani Madhukar** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **मोखाडा परिसरातील धार्मिक, ऐतिहासिक वस्तू व विरगळ : चिकित्सक अभ्यास** in **Humanities, Languages and Fine Arts** category and **PG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr. Rupashri Kishor Kadu** of Arts, Science and Commerce College, Mokhada has guided a research proposal titled **Synthesis and Optical Properties of New Azastilbenes based Push-Pull Conjugated Chromophoric Framework** which was submitted by Ms. **Madake Manali** in Pure Sciences category and UG level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr. Vilas Bhausahb Gade** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **“SYNTHESIS AND CATALYTIC APPLICATION OF VERSATILE RECYCLABLE NANOCATALYST IN MULTICOMPONENT REACTION - A SUSTAINABLE PROTOCOL”** which was submitted by **Ms. Randive Devashree** in **Pure Sciences** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Pradeep Vasant Rao Gaikwad** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **मोखाडा तालुक्यातील आदिवासी भाग हिरवे गावातील स्ट्रॉबेरी शेतीतील उत्पन्न – चिकित्सक अभ्यास** which was submitted by **Ms. Chumbale Samruddhi** in **Commerce, Management and Law** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr. Yashwant Harishchandra Ulvekar** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **“The Role of Self- Help Groups in Women Empowerment: Special Reference to Mokhada Taluka, District Palghar”** which was submitted by **Mr. Warghade Manoj** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr Pravin Ambadas Baviskar** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Suicidal Ideation of adolescents** which was submitted by **Mr. Warghade Nilesh** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Prashant Esarinath Patil** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Mathematical Beauty in TajMahal** which was submitted by **Ms. Maniyar Shifa** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr. Santosh Hanumant Jadhav** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled "आदिवासी समाजाच्या घरगुती वापराच्या वस्तू व शेती व्यवसायात उपयोगी साधनांचा इतिहास" which was submitted by **Ms. Korde Sarita** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Dr. Vasudeo Mahadeorao Dongardive** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **मोखाडा परिसरातील धार्मिक, ऐतिहासिक वस्तू व विरगळ : चिकित्सक अभ्यास** which was submitted by **Mr. Gahale Ganesh** in **Humanities, Languages and Fine Arts** category and **PG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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This is to certify that **Mr. Subhash Ajinath Funde** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Development of lead-free organometal halide perovskite for solar cell applications** which was submitted by **Mr. Gangurde Mukund** in **Pure Sciences** category and **UG** level for the **Selection Round** of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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Mumbai
April 12, 2021



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Certificate of Participation

This is to certify that **Dr. Amol Balbhim Mamlayya** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Coleoptera (Insecta: Arthropoda) of Mokhada Tahsil, District Palghar (M.S.) India** which was submitted by **Mr. Wangad suraj** in **Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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April 12, 2021



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Certificate of Participation

This is to certify that **Mr. Tersing Maktya Paradke** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Factors affecting the English language learning of students of tribal mokhada taluka** which was submitted by **Mr. Shende Rohidas** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21** for zone.

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DEPARTMENT OF
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Certificate of Merit

This is to certify that Rayat Shikshan Sanstha's Arts, Science and Commerce College, Mokhada affiliated to the University of Mumbai has been awarded an '**Overall Championship (First Rank)**' for **Zone IV: Palghar District** in the 15th Inter-Collegiate / Institute / Department Avishkar Research Convention organized on virtual platform by Department of Students' Development, University of Mumbai for the academic year 2020-21.

Dr. Sunil Patil
Director
Department of Students' Development,
University of Mumbai

Prof. Suhas Pednekar
Vice-Chancellor,
University of Mumbai

Date: October 30, 2021

Place: Mumbai



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AVISHKAR

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SELECTION ROUND

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Certificate of Participation

This is to certify that **Ms. Badade Jyosna Yuvraj** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **आदिवासी समाजातील हळद व विवाह प्रसंगीच्या आदिवासी गाण्यांचा अभ्यास** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



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SELECTION ROUND

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Certificate of Participation

This is to certify that **Mr. Korde Kalpesh Bhagvan** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Teaching English in tribal mokhada taluka, District Palghar** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



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This is to certify that **Mr. Bhoje Subhash Prakash** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Teaching English in tribal mokhada taluka, District Palghar** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Mumbai
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This is to certify that **Mr. Korada Chandrakant Devram** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Teaching English in tribal mokhada taluka, District Palghar** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Mumbai
April 25, 2022



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This is to certify that **Mr. Gavit Chandrakan Janu** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **A Study of Socio -Economic Impact of COVID 19 Pandemic Period on Tribal Community of Mokhada Taluka** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



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SELECTION ROUND

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Certificate of Participation

This is to certify that **Mr. Gavari Vaibhav Vasant** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **A Study of Socio -Economic Impact of COVID 19 Pandemic Period on Tribal Community of Mokhada Taluka** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Certificate of Participation

This is to certify that **Mr. Kharpade Janardhan Chima** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **आदिवासी समाजातील हळद व विवाह प्रसंगीच्या आदिवासी गाण्यांचा अभ्यास** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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This is to certify that **Mr. Maule Raju Yashawant** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **आदिवासी समाजातील हळद व विवाह प्रसंगीच्या आदिवासी गाण्यांचा अभ्यास** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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This is to certify that **Mr. Achari Sharad Devram** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **An Analytical Study of Cultivation and Marketing of Mangoes in Mokhadaa Taluka** in **Commerce, Management and Law** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



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Certificate of Participation

This is to certify that **Mr. Khode Ajay Ramdas** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Analytical study of Thane District Central Co-operative Bank Ltd. Thane** in **Commerce, Management and Law** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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This is to certify that **Ms. Wagh Yamini Hiranman** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL CHROMONE CONTAINING 1, 2, 3- TRIAZOLES** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



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This is to certify that **Ms. Patil Sakshi Sanjay** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL CHROMONE CONTAINING 1, 2, 3- TRIAZOLES** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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University of Mumbai



Mumbai
April 25, 2022



University of Mumbai



University of Mumbai

16th Inter-Collegiate/
Institute/Department



AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Ms. Dodhad Kirti Bhau** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Applications of Differentiation** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
OSD,
Avishkar Research Convention,
University of Mumbai

Dr. Sunil Patil
Director,
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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Ms. Randive Devashree Santosh** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Synthesis and catalytic application of magnetic nanoparticles in the synthesis of Bezopyraan Derivatives in Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Padir Jayesh Narendra** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Applications of Differentiation** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Bhavari Kiran Pandurang** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Applications of Differentiation** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Nadge Shivram Sonya** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Synthesis and Characterization of Perovskite solar cell materials** in **Pure Sciences** category and **UG level** for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Topale Yogesh Kisan** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Synthesis and Characterization of Perovskite solar cell materials** in **Pure Sciences** category and **UG level** for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Maniyar Shadab Nisar** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Synthesis and Characterization of Perovskite solar cell materials** in **Pure Sciences** category and **UG level** for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Gode Yuvraj Jayram** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Comparative Study of Vermicompost and Vermiwash with reference to Nutrient Contents in Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Chaudhari Vijay Parshu** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Comparative Study of Vermicompost and Vermiwash with reference to Nutrient Contents in Agriculture and Animal Husbandry** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Ms. Warghade Vaishali Kashinath** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Study of Body Mass Index (BMI) and Hemoglobin in some tribal adolescents of Mokhada Tahsil, Dist. Palghar** in **Medicine and Pharmacy** category and **UG level** for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mr. Waghare Devendra Pandit** of **Arts, Science and Commerce College, Mokhada** has participated and submitted a research proposal titled **Study of Body Mass Index (BMI) and Hemoglobin in some tribal adolescents of Mokhada Tahsil, Dist. Palghar** in **Medicine and Pharmacy** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Dr. Vil;as Bhausahb Gade** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Synthesis and catalytic application of magnetic nanoparticles in the synthesis of Bezopyraan Derivatives** which was submitted by his student **Ms. Randive Devashree** in **Pure Sciences** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Subhash Ajinath Funde** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Synthesis and Characterization of Perovskite solar cell materials** which was submitted by his student **Mr. Maniyar Shadab** in **Pure Sciences** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
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Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Mengal Santosh Gangaram** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Analytical study of Thane District Central Co-operative Bank Ltd. Thane** which was submitted by his student **Mr. Khode Ajay** in **Commerce, Management and Law** category and **UG** level for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
OSD,
Avishkar Research Convention,
University of Mumbai

Dr. Sunil Patil
Director,
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Research Convention: 2021-22

SELECTION ROUND

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Certificate of Participation

This is to certify that **Chothe Vishwaas Ganpat** of Arts, Science and Commerce College, Mokhada has guided a research proposal titled **An Analytical Study of Cultivation and Marketing of Mangoes in Mokhadaa Taluka** which was submitted by his student **Mr. Achari Sharad** in Commerce, Management and Law category and UG level for the Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22 for zone.

Dr. (Mrs.) Minakshi Gurav
OSD,
Avishkar Research Convention,
University of Mumbai

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Director,
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Research Convention: 2021-22

SELECTION ROUND

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Certificate of Participation

This is to certify that **Dr.ayaj Ladlesaheb Shaikh** of Arts, Science and Commerce College, Mokhada has guided a research proposal titled **Comparative Study of Vermicompost and Vermiwash with reference to Nutrient Contents** which was submitted by his student **Mr. Chaudhari Vijay** in Agriculture and Animal Husbandry category and UG level for the Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22 for zone.

Dr. (Mrs.) Minakshi Gurav
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SELECTION ROUND

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Certificate of Participation

This is to certify that **Dr. Shilpa Kumar Pawar** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Study of Body Mass Index (BMI) and Hemoglobin in some tribal adolescents of Mokhada Tahsil, Dist. Palghar** which was submitted by her student **Mr. Waghare Devendra** in **Medicine and Pharmacy** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
OSD,
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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Dr. Santosh Hanumant Jadhav** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **आदिवासी समाजातील हळद व विवाह प्रसंगीच्या आदिवासी गाण्यांचा अभ्यास** which was submitted by his student **Ms. Badade Jyosna** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

Dr. (Mrs.) Minakshi Gurav
OSD,
Avishkar Research Convention,
University of Mumbai

Dr. Sunil Patil
Director,
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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that **Dr. Yashwant Harishchandra Ulvekar.** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **A Study of Socio -Economic Impact of COVID 19 Pandemic Period on Tribal Community of Mokhada Taluka** which was submitted by his student **Mr. Gavari Vaibhav** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Certificate of Participation

This is to certify that **Mr. Tersing Maktya Paradke** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Teaching English in tribal mokhada taluka, District Palghar** which was submitted by his student **Mr. Korada Chandrakant** in **Humanities, Languages and Fine Arts** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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Research Convention: 2021-22

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Certificate of Participation

This is to certify that **Mr. Prashant Kesarinath Patil** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **Applications of Differentiation** which was submitted by his student **Ms. Dodhad Kirti** in **Pure Sciences** category and **UG level** for the **Selection Round** of **16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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AVISHKAR

Research Convention: 2021-22

SELECTION ROUND

(District/Zonal Level Research Proposal Competition)

Certificate of Participation

This is to certify that : **Mr. Ramesh Ashok Kawale** of **Arts, Science and Commerce College, Mokhada** has guided a research proposal titled **SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL CHROMONE CONTAINING 1, 2, 3- TRIAZOLES** which was submitted by his student **Ms. Patil sakshi** in **Pure Sciences** category and **UG** level for the **Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-22** for zone.

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April 25, 2022



Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada

Science Association

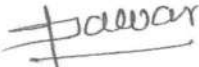
2020-2021


Annual Report

In the academic year 2020-2021, the first meeting of the association was organized on 29/07/2020 under the guidance of Vice Principal Prof. S. E. Saindanshiw. Annual plan was prepared in the meeting.

A poster competition was organized on occasion of National Science Day on 01/03/2021 at 11.00 am. Total 10 students participated in this activity. Posters were assessed by a panel of jury members including Prof. S.K. Vitnor and Prof.S.E. Saindanshiw. 3 students were announced winner in this competition.

All the activities were carried out under the guidance of Hon. Principal Dr. J.G. Jadhav. All committee members participated actively in activities.


Chairman,
Science Association


Principal,
ACS College, Mokhada



Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada

Science Association

2020-2021

Poster Competition on the occasion of National Science Day

Report

On the occasion of National Science Day, Poster competition was organized on 01/03/2021 at 11.00 am. Students of F.Y., S.Y., T.Y. B.Sc. were notified to prepare poster on the subjects- Covid Awareness, Global Warming, Digital India, Innovations in the field of Science and Technology, Scientists of India. Total 10 students participated in this activity and has prepared informative posters on given subject.

Exhibition of these posters was arranged in chemistry hall. Inauguration of this exhibition was done by Hon. Prin. Dr. J.G. Jadhav. Student and staff visited this exhibition. A panel of juries was appointed to assess these posters. Upon observations and examination of these posters 3 posters were selected for prize.

Pawar

Chairman,
Science Association

J.G. Jadhav

Principal,
ACS College, Mokhada





सी०एस०आई०आर० – राष्ट्रीय वनस्पति अनुसंधान संस्थान

राणा प्रताप मार्ग, पोस्ट बाक्स सं० 436, लखनऊ-226 001 उ० प्र० (भारत)

CSIR-National Botanical Research Institute

Rana Pratap Marg, P.B. No. 436, Lucknow - 226 001 U.P. (India)

सं०/ No. : 3-2/2(Gr.IV)/2019-R&A

SPEED POST/E-Mail

दिनांक / Date: 02-10-2021

सेवा में/ To,

(23) Dr. Arun Nivrutti Chandore
A/P Datali, Tal-Sinnar, Dist- Nashik,
State-Maharashtra ,Pincode-422103
E-mail : arunchandore@gmail.com
Mobile : 9423021796

विषय : विज्ञापन संख्या 01/2019 के अन्तर्गत वेतन स्तर 13ए, (वेतन मैट्रिक्स रु 131100-216600) में सीनियर प्रिंसिपल साइंटिस्ट के पद { क्षेत्र-, बायोडायवर्सिटी पद कोड -एस-03, श्रेणी - अनारक्षित} पर भर्ती हेतु साक्षात्कार के आयोजन के संबंध में ।

Subject : Conducting Interview for selection for the post of Sr. Principal Scientist in the Pay 13-A (Rs131100-216600), {Area- Biodiversity, post code- S-03, Category- Unreserved} under Advertisement No.01/2019.

महोदय/महोदया / Sir/Madam,

1. आपके उपरोक्त विषयक पद हेतु आवेदन पत्र के संदर्भ में मुझे आपको यह सूचित करने का निदेश हुआ है कि विज्ञापन संख्या 01/2019 के अन्तर्गत प्राप्त आवेदन पत्रों की छंटनी हेतु विधिवत् गठित स्क्रीनिंग कमेटी की संस्तुति व निदेशक, सीएसआईआर-एनबीआरआई के अनुमोदनोपरांत आप पद कोड एस-03 में सीनियर प्रिंसिपल साइंटिस्ट पद के लिए साक्षात्कार हेतु शॉर्टलिस्ट किए गए हैं। अतएव आप दिनांक 25.10.2021 को पूर्वाह्न 10:00 बजे निदेशक कान्फ्रेंस रूम, के. एन. कौल ब्लॉक, राणा प्रताप मार्ग, एनबीआरआई, लखनऊ में साक्षात्कार हेतु उपस्थित होंगे।

With reference to your application on the subject noted above, I am directed to inform you that on the recommendation of the duly constituted Screening Committee to screen applications received against **Advertisement No. 01/2019** and on the approval of the Director, CSIR-NBRI, you have been shortlisted for the interview for the Post Code S-03 for the post of **Sr. Principal Scientist**. Accordingly, you are requested to appear for interview at Director's Conference Room, K.N. Kaul Block, NBRI, Rana Pratap Marg, Lucknow on **25.10.2021 at 10:00 AM**.

2. उक्त साक्षात्कार में सम्मिलित होने के लिए आपको निम्न दस्तावेज मूलरूप में प्रस्तुत करना आवश्यक है:-
You are required to produce the following documents **in original** at the time of interview:-

- a) जन्म तिथि का प्रमाण पत्र (मैट्रिकुलेशन/10वीं कक्षा का प्रमाण पत्र)
Documentary proof in support of date of birth.(Matriculation/10th standard certificate)
- b) शैक्षिक योग्यता, अनुभव एवं आवेदन पत्र में दर्शायी गयी अन्य सूचनाओं के दस्तावेज/मूल-प्रमाणपत्र।
Original Certificates/testimonials of Educational Qualifications, experience and any other information furnished in the application form.
- c) अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग/दिव्यांगजन/आर्थिक रूप से कमजोर वर्ग के लिए सक्षम प्राधिकारी द्वारा निर्धारित प्रोफॉर्मा में जारी प्रमाण पत्र (जहाँ कहीं भी लागू हो)
SC/ST/OBC/PWD/EWS Certificate in the prescribed format issued by the competent authority (Wherever applicable).

कमशः 2...

25/10/2021

d) वर्तमान नियोजक का अनापत्ति प्रमाणपत्र, यदि कार्यरत हों ।

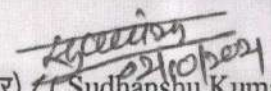
No objection certificate from the present employer, if employed.

उपरोक्त प्रमाण पत्रों एवं अनुभव प्रमाण आदि को मूलरूप में प्रस्तुत न करने पर आपको साक्षात्कार में शामिल नहीं होने दिया जायेगा।

If you fail to bring aforesaid original certificates and proof of experience etc., you will not be allowed to appear in the interview.

3. कृपया उपर्युक्त दस्तावेजों/ प्रमाणपत्रों आदि की अभिप्रमाणित प्रतिलिपियों का एक सेट लाएँ।
Kindly bring one set of attested photocopies of aforesaid documents/ certificates etc.
4. आपसे निवेदन है कि साक्षात्कार के लिये निर्धारित समय से एक घंटे पूर्व पहुँचने की कृपा करें।
You are requested to report for interview one hour before scheduled time.
5. यह साक्षात्कार पत्र आपको किसी प्रकार की चयन से सम्बंधी कोई गारण्टी नहीं देता है।
The call for interview does not, in any way, guarantee the selection for the post applied for.
6. यदि किसी समय यह पता चलता है कि आप विज्ञापित पद की योग्यताएं/पात्रता मापदंड नहीं रखते हैं तो आपकी उम्मीदवारी सक्षम प्राधिकारी द्वारा निरस्त की जा सकती है। इस संबंध में निदेशक, सीएसआईआर-एनबीआरआई का निर्णय अंतिम व बाध्य होगा।
If it comes to notice at anytime that you do not have qualifications/eligibility criteria for the advertised post, your candidature will be liable to be cancelled by the Competent Authority. In this regard, the decision of the Director, CSIR-NBRI shall be final and binding.
7. आउटस्टेशन अभ्यर्थी साक्षात्कार में उपस्थित होने के लिए आने/जाने के द्वितीय श्रेणी रेल किराया (मेल/एक्सप्रेस) पाने हेतु, उनके निवास स्थान या वास्तविक यात्रा स्थान (भारत में), जो भी कम दूरी का होगा, यात्रा प्रमाण प्रस्तुत करने पर पात्र होंगे।
Outstation candidate will be entitled to get second class railway fare (mail/express) both way from the place of his/her normal residence or from the place of undertaking journey (within India) whichever is nearer, by shortest route, on production of journey proof.
8. आप चयन समिति के समक्ष साक्षात्कार हिन्दी या अंग्रेजी में दे सकते हैं।
You may interact in Hindi or English with the Selection Committee.
9. साक्षात्कार देर शाम तक या अगले दिन तक भी चलने की भी संभावना है। अतः आपको सलाह दी जाती है कि तदनुसार अपना यात्रा कार्यक्रम बनाएं।
Interview may continue till late evening or till the next day. Therefore, you are advised to make your travel plans accordingly.

भवदीय / Yours faithfully,


(सुधांशु कुमार) / (Sudhanshu Kumar)
अनुभाग अधिकारी / Section Officer
Mob- 9891334084

नोंदणी क्र.४१९



स्थापना : २७ मे १९०६

महाराष्ट्र साहित्य परिषद

टिळक रस्ता, पुणे ४११०३०

मराठी राजभाषा दिन २०२१

★ सन्मानपत्र ★

महाराष्ट्र साहित्य परिषदेच्या वतीने

इतिहासविषयक ग्रंथलेखनासाठी दिला जाणारा

द. वा. पोतदार स्मृती पुरस्कार

२०२० या वर्षासाठी 'आंबेगाव तालुक्याचा इतिहास' या पुस्तकासाठी

डॉ. संतोष जाधव, सोलापूर यांना

प्रदान करण्यात येत आहे.

बंडा जोशी
कार्यवाह

सुनीताराजे पवार
कोषाध्यक्ष

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Research Excellence Award 2021

awarded to

Dr. Vilas Bhausaheb Gade

M.Sc. SET, NET, Ph.D.

Assistant Professor

Department of Chemistry

Arts, Science and Commerce College

Palghar, Maharashtra

For the work with following details

Publication Type: Journal

Paper Title: Iron - Oxide - Supported Ultrasmall ZnO Nanoparticles:

Applications for Transesterification, Amidation and O - Acylation Reactions

Journal Name: ACS Sustainable Chemistry and Engineering

Volume: 5

Issue No.: 4

Month of Publication: February

Year: 2017

Page No.: 3314 -3320

ISSN: 2168 – 0485

A handwritten signature in black ink, appearing to read 'Nanjesh Bennur'.

Nanjesh Bennur
Director, InSc



IBC 2017 XIX International Botanical Congress
Shenzhen China

The IBC 2017 Award Approval Letter

Name: Arun Chandore

Affiliation: Abasaheb Marathe Arts & New Commerce and Science College, Rajapur

Country/region: India

Abstract ID: T2-21-06

Dear Dr. Arun Chandore:

Congratulations!

On behalf of the Organizing Committee of the XIX International Botanical Congress (IBC 2017), I am writing to officially inform you that your award application has been approved by the award committee of IBC 2017.

The IBC 2017 Awards were established by the Organizing Committee of the IBC 2017 to assist outstanding scholars and students to attend the congress held in Shenzhen, China, on July 23-29, 2017. After cautious examination of your application, our award committee was very impressed by your academic achievements, and has decided to provide you with the Excellent Scholar Award (category C): complimentary registration to the Congress.

If you have any questions regarding the IBC 2017 scholarship, please feel free to contact Yuqing Lai at award@ibc2017.cn.

We wish you all the very best and look forward to meeting you in Shenzhen.

Song Ge, Ph.D.

Science Secretary of IBC 2017



AMBEDKARITE HISTORY ASSOCIATION (Regd.)
 Hashim Building, 1st Floor-40, Vser Nariman Road, Churchgate, Mumbai-01.
 Email : indianambedkarite@gmail.com / website- www.drfbhasaahambenbedkar.com

MAHATMA PHULE EMINENT RESEARCHER NATIONAL AWARD 2022



DR. VASUDEV DONGARDIVE

We appreciate your contribution in the field of Academics. Your writings has strengthened Phule-Ambedkarite Movement.

We hereby confer Mahatma Phule Eminent Researcher National Award 2022 to **DR. VASUDEV DONGARDIVE**

In two day's International Multidisciplinary Conference on Perspectives of Ambedkarism jointly organized by Dr. Ambedkar College of Arts, Commerce and Science, Deekshabhoomi Chandrapur, Karmavir Mahavidyalaya, Mul, Rashtrasant Tukadoji Mahavidyalaya, Chimir, In joint collaboration with Ambedkarite History Association Sponsored by ICSSR, Celebrating 131st Birth Anniversary Year of Bharat Ratna, Dr. Babasaheb Ambedkar at Dr. Ambedkar Bhavan, Dr. Ambedkar College of Arts, Commerce and Science, Deekshabhoomi, Chandrapur on 25th June 2022.



DR. SANDESH WAGH

(Signature)

PRESIDENT



DR. SANTOSH BANSOD

(Signature)

SECRETARY

**Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada, Dist: Palghar-401604**

Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

2017-18 to 2021-22

INDEX

Sr. No.	Year	Name of the workshop/ seminar/ conference	Number of Participants	Link to the activity
01	2021-22	NAAC Awareness Programme and New Guidelines of AQAR	20	https://www.asccmokhada.co.in/pdf/ssr/1.%20NAAC%20Awareness%20Programme%20and%20New%20Guidelines%20of%20AQAR.pdf
02	2021-22	Recent Trends in Chemical Science 2021	54	https://www.asccmokhada.co.in/pdf/ssr/2.%20Recent%20Trends%20in%20Chemical%20Science%202021.pdf
03	2021-22	Workshop on Frontiers in Science and Innovation	28	https://www.asccmokhada.co.in/pdf/ssr/3.%20Frontiers%20in%20Science%20and%20Innovation.pdf
04	2021-22	Entrepreneurship Development	59	https://www.asccmokhada.co.in/pdf/ssr/4.%20Entrepreneurship%20Development.pdf
05	2021-22	Budget Analysis-2022	62	https://www.asccmokhada.co.in/pdf/ssr/5.%20Budget%20Analysis-2022.pdf
06	2021-22	Intellectual Property Rights	178	https://www.asccmokhada.co.in/pdf/ssr/6.%20Intellectual%20Property%20Rights.pdf
07	2021-22	Itihas Vishayatil Karierya Sandhi	121	https://www.asccmokhada.co.in/pdf/ssr/7.%20Itihas%20Vishayatil%20Karierya%20Sandhi.pdf
08	2021-22	A Workshop and Hands on Training on Vermicomposting	38	https://www.asccmokhada.co.in/pdf/ssr/8.%20A%20Workshop%20and%20Hands%20on%20Training%20on%20Vermicomposting.pdf
09	2021-22	Career Opportunities for Graduate Students	82	https://www.asccmokhada.co.in/pdf/ssr/9.%20Career%20Opportunities%20for%20Graduate%20Students.pdf

10	2021-22	Bee Keeping: Emerging Trends and Career Opportunities	103	https://www.asccmokhada.co.in/pdf/ssr/10.%20Bee%20Keeping%20Emerging%20Trends%20and%20Career%20Opportunities.pdf
11	2021-22	A Webinar on Bird Identification Techniques	82	https://www.asccmokhada.co.in/pdf/ssr/11.%20Bird%20Identification%20Techniques.pdf
12	2021-22	Competitive Examination & Student Life Skills	82	https://www.asccmokhada.co.in/pdf/ssr/12.%20Competitive%20Examination%20&%20Student%20Life%20Skills.pdf
13	2021-22	Importance of Health Insurance in Financial Planning	86	https://www.asccmokhada.co.in/pdf/ssr/13.%20Importance%20of%20Health%20Insurance%20in%20Financial%20Planning.pdf
14	2021-22	Climate Change: Impacts and Mitigation	79	https://www.asccmokhada.co.in/pdf/ssr/14.%20Climate%20Change%20Impacts%20and%20Mitigation.pdf
15	2021-22	Assertiveness Skills	73	https://www.asccmokhada.co.in/pdf/ssr/15.%20Assertiveness%20Skills.pdf
16	2021-22	Modern Accounting Practices	60	https://www.asccmokhada.co.in/pdf/ssr/16.%20Modern%20Accounting%20Practices.pdf
17	2021-22	National Webinar on Applied View of Mathematics	104	https://www.asccmokhada.co.in/pdf/ssr/17.%20Applied%20View%20of%20Mathematics.pdf
18	2021-22	Importance of Communication Skills in English	49	https://www.asccmokhada.co.in/pdf/ssr/18.%20Importance%20of%20Communication%20Skills%20in%20English.pdf
19	2021-22	Competitive Examination & Career Opportunities	31	https://www.asccmokhada.co.in/pdf/ssr/19.%20Competitive%20Examination%20&%20Career%20Opportunities.pdf
20	2021-22	Career Opportunities and Research in Physics	221	https://www.asccmokhada.co.in/pdf/ssr/20.%20Career%20Opportunities%20and%20Research%20in%20Physics.pdf
21	2021-22	De-addiction and Stress Management	71	https://www.asccmokhada.co.in/pdf/ssr/21.%20De-addiction%20and%20Stress%20Management.pdf
22	2021-22	NAAC: Self Study Report (SSR) Writing	28	https://www.asccmokhada.co.in/pdf/ssr/22.%20NAAC%20Self%20Study%20Report%20(SSR)%20Writing.pdf
23	2021-22	Career Opportunities after B.Sc. in ADMLT	34	https://www.asccmokhada.co.in/pdf/ssr/23.%20Career%20Opportunities%20after%20B.Sc.%20in%20ADMLT.pdf

24	2021-22	Biodiversity, Conservation and Role of Molecular Phylogenetics in Plant Systematics-2022 (BCMP-2022)	450	https://www.asccmokhada.co.in/pdf/ssr/24.%20Biodiversity,%20Conservation%20and%20Role%20of%20Molecular%20Phylogenetics%20in%20Plant%20Systematics-2022%20(BCMP-2022).pdf
25	2021-22	Modi Script and Career Opportunities	29	https://www.asccmokhada.co.in/pdf/ssr/25.%20Modi%20Script%20and%20Career%20Opportunities.pdf
26	2021-22	Rainwater Harvesting & Groundwater Recharge	111	https://www.asccmokhada.co.in/pdf/ssr/26.Rainwater%20Harvesting%20&%20Groundwater%20Recharge.pdf
27	2021-22	Khel aani Manasik Swasthya	29	https://www.asccmokhada.co.in/pdf/ssr/27.%20Khel%20aani%20Manasik%20Swasthya.pdf
28	2020-21	Impact of Covid-19 on Indian Economy	390	https://www.asccmokhada.co.in/pdf/ssr/28.%20Impact%20of%20Covid-19%20on%20Indian%20Economy.pdf
29	2020-21	Research Trends in Chemistry and Physics	384	https://www.asccmokhada.co.in/pdf/ssr/29.%20Research%20Trends%20in%20Chemistry%20and%20Physics.pdf
30	2020-21	Nature of Online Examination	58	https://www.asccmokhada.co.in/pdf/ssr/30.%20Nature%20of%20Online%20Examination.pdf
31	2020-21	Applications of Computer in Physical Science	14	https://www.asccmokhada.co.in/pdf/ssr/31.%20Applications%20of%20Computer%20in%20Physical%20Science.pdf
32	2020-21	Entrepreneurship Development	40	https://www.asccmokhada.co.in/pdf/ssr/32.%20Entrepreneurship%20Development.pdf
33	2020-21	Narcotic Drugs	92	https://www.asccmokhada.co.in/pdf/ssr/33.%20Narcotic%20Drugs.pdf
34	2020-21	Budget Analysis-2021	60	https://www.asccmokhada.co.in/pdf/ssr/34.%20Budget%20Analysis-2021.pdf
35	2020-21	Communication Skills and Personality Development	46	https://www.asccmokhada.co.in/pdf/ssr/35.%20Communication%20Skills%20and%20Personality%20Development.pdf
36	2020-21	Online Banking	75	https://www.asccmokhada.co.in/pdf/ssr/36.%20Online%20Banking.pdf
37	2020-21	Safety Measures of Handling Instruments in Physics Laboratory	13	https://www.asccmokhada.co.in/pdf/ssr/37.%20Safety%20Measures%20of%20Handling%20Instruments%20in%20Physics%20Laboratory.pdf
38	2019-20	E-Banking Services	45	https://www.asccmokhada.co.in/pdf/ssr/38.%20E-Banking%20Services.pdf
39	2019-20	One Day Workshop on GST	37	https://www.asccmokhada.co.in/pdf/ssr/39.%20One%20Day%20Workshop%20on%20GST.pdf

40	2019-20	Career opportunities after Graduation	62	https://www.asccmokhada.co.in/pdf/ssr/40.%20Career%20opportunities%20after%20Graduation.pdf
41	2019-20	Demonetization and its impact on Indian Economy	70	https://www.asccmokhada.co.in/pdf/ssr/41.%20Demonetization%20and%20its%20impact%20on%20Indian%20Economy.pdf
42	2018-19	Workshop on Seed Pocket	114	https://www.asccmokhada.co.in/pdf/ssr/42.%20Workshop%20on%20Seed%20Pocket.pdf
43	2018-19	Innovative Research in Physics	26	https://www.asccmokhada.co.in/pdf/ssr/43.%20Innovative%20Research%20in%20Physics.pdf
44	2018-19	Biodiversity and it's Conservation	20	https://www.asccmokhada.co.in/pdf/ssr/44.%20Biodiversity%20and%20its%20Conservation.pdf
45	2018-19	History of Tribal culture in Maharashtra	104	https://www.asccmokhada.co.in/pdf/ssr/45.%20History%20of%20Tribal%20culture%20in%20Maharashtra.pdf
46	2017-18	Handling of Laboratory Equipment's	30	https://www.asccmokhada.co.in/pdf/ssr/46.%20Handling%20of%20Laboratory%20Equipment%E2%80%99s.pdf
47	2017-18	Cashless Economy	74	https://www.asccmokhada.co.in/pdf/ssr/47.%20Cashless%20Economy.pdf
48	2017-18	Workshop on Entrepreneurship Development	38	https://www.asccmokhada.co.in/pdf/ssr/48.%20Workshop%20on%20Entrepreneurship%20Development.pdf



International Conference BCMP-2022 Report

Department of Botany has organized an International Conference on "International Conference (Online) on "Biodiversity, Conservation and Role of Molecular Phylogenetics in Plant Systematics-2022" (BCMP-2022) on 22nd April 2022 through Zoom meeting. This International Conference is organised against the backdrop to provide a platform for the researchers to share their work, knowledge and experience in different branches of biology which contribute to the conservation of nature and to make awareness about biodiversity conservation in tribal peoples of Mokhada.

As a keynote speaker we invited dignitaries like **Prof. (Dr.) S. R. Yadav** (INSA Emeritus Scientist, Department of Botany, Shivaji University, Kolhapur, Maharashtra, India) and as Resource person **Dr. Asif S. Tamboli** (Department of Biology, School of Life Science, Kyungpook National University, Daegu, South Korea) was present.

Program was Scheduled on 11:00 am the Inauguration was started as introduction about BCMP-2022 by Prof. S. Y. Tayade, inaugural speech was delivered by Dr. A. N. Chandore. The welcome address was done by Prof. S. E. Saindandshiv and presidential address was delivered by coordinator of the program Principal Dr. L. D. Bhor.

After inauguration as a chairperson Dr. N. V. Malpure was introduce Dr. S. R. Yadav and then Keynote address was delivered by Prof. (Dr.) S. R. Yadav. Dr. Yadav guide all the participants about the 'Role of plant systematics in documentation, conservation, management and utilization of biodiversity.' Vote of thanks of keynote address was delivered by Dr. V. B. Gade.

After keynote address Dr. Shruti Kasana introduce Dr. Asif Atamboli then as a Resource person Dr. Asif S. Tamboli guide us about 'Role of comparative genomics and phylogenetics in plant systematics.' Vote of thanks of this session was delivered by Dr. S. K. Pawar.

Next Session of paper presentation was held by Dr. K. V. C. Gosavi & Mr. N. A. Madhav as a chairperson and co-chairperson respectively. Total 30 researchers were present their work in this session. Vote of thanks of this session were done by Dr. A. L. Shaikh.



After first paper presentation session next session was handled by chairperson Dr. S. S. Kamble. In this session remaining 34 participants were presented their work and deliver their thoughts about conference. Being a Rapporteur vote of thanks of this session was done by Mr. A. S. Pansare. The softcopy of the abstract book was provided to all participants via email and conference WhatsApp groups.

The responses from researchers were overwhelming, which can be acknowledged from the participation of over 450 delegates across the world including participation from Sweden, Nigeria, South Korea, India. From India participants about 11 states/Union territories were participated through online mode, among which 64 researchers were present their work. All the telecast was live on YouTube which was beneficial for the participants which was unable to join us on Zoom app. The instructions about digital certificate were given by Prof. S. Y. Tayade. Finally, the vote of thanks for the overall programme was done by Dr. A. N. Chandore.

Prof. S. Y. Tayade

Treasurer

Prof. S. E. Saindanshiv

Convener

Dr. A. N. Chandore

Organizing Secretary

Dr. L. D. Bhor

Coordinator
PRINCIPAL

Arts Science and Commerce College
Mokhada, Dist: S





BRICS World of Traditions, Moscow, Russia,



Rayat Shikshan Sanstha, Maharashtra

And



Snehavardhan Research Institute, Pune

has jointly organised

23rd International Interdisciplinary Conference

on **Saturday 17th December 2022**

भारतीय स्वातंत्र्याच्या अमृत महोत्सवानिमित्ताने
'देश आणि विदेशातील विविध क्षेत्रातील पुरुष कर्तृत्वाचे योगदान'

**India's 75th Independence Anniversary
'The Contribution and Achievements of Men in
Various Spheres at National and International Levels'**

**Venue :Conference Hall, S. M. Joshi College
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- Prin. Dr. Sanjay Nagarkar

42

**Arts, Science & Commerce College,
Mokhada.**

Profile

BRICS

Hon. Mrs. Lyudmila Leonidovna Sekacheva,
President of RPO - BRICS

- The Regional Public organization 'BRICS. World of Traditions' was founded in 2016 at the initiative of the Russian Ministry of Culture, the Ministry of Foreign Affairs of Russia and Rossotrudnichestvo.
- The main aim of the organization is the rapprochement of peoples of BRICS states on the grounds of moral and philosophical heritage left by their Great Teachers, Mahatma Gandhi and Leo Tolstoy occupying a special place amongst them.
- The Organization's mission lies in uniting non-governmental entities of the countries of 'The five' for the realization of multilateral humanitarian and business projects and programs, preservation and popularization of cultural and historical legacy and centuries-old national traditions of the BRICS peoples.

Rayat Shikshan Sanstha

The Rayat Shikshan Sanstha is regarded as a noble mission, a noble cause, so earnestly and so endearingly pursued by its founder- father Karmaveer Bhaurao Patil, the educator of the educators and his legendary wife Sou. Laxmibai Patil with her exemplary sacrifices made to turn the mission into a reality. The Rayat Shikshan Sanstha is one of the leading educational institutions in Asia. The value of its contribution to education in general is enormously great as it has, from the very beginning, tried all its best to lay emphasis on the education of the down-trodden, the poor and the ignorant. The founder of the institution, late Dr. Karmaveer Bhaurao Patil had an incisive understanding of the social ills that beset his times and fully realized the dire need of the spread of education. He believed that education alone could correct the social ills such as caste-hierarchy, money-lending, illiteracy, untouchability, superstitions and social and economic inequality. He realised that the social ills could be remedied through the education of the masses alone and laid the foundation of the Rayat Shikshan Sanstha by opening a Boarding House at Kale (Tal-Karad, Dist-Satara) in 1919. Soon, however, in 1924 he shifted the head-quarters of his educational institution to Satara."

Snehavardhan Research Institute (Trust)

- Snehavardhan Research Institute is an organization that conducts seminars, conferences and workshops nationally and internationally on various topics of Language Study. Humanities, Social Sciences, Life Sciences in association, collaboration with Universities, Research Institute Worldwide.
- We have conducted 22 International Interdisciplinary Conferences since 2009 in India (h) (Thrice), at Mauritius (Thrice), Singapore, Malaysia, London, Switzerland, Russia, Dubai, Thailand, Sri Lanka, Japan and Indonesia.
- Our aim is to create an excellent common platform for all the researchers in interdisciplinary subjects.
- Our organization's sister concern Snehavardhan Prakashan have published 1400 books in Marathi, Hindi, English, Kokani and Urdu since 1990.
- Our Snehavardhan Research Institute awards Nine Prizes since 1997 for production and contents of books for Authors and Publishers.

Organizing Committee

All Principals of Rayat Shikshan Sanstha's Colleges

रयत शिक्षण संस्थेचे सर्व प्राचार्य

Sub themes :-

‘देश आणि विदेशातील विविध क्षेत्रातील पुरुष कर्तृत्वाचे योगदान’

(या संदर्भातील कोणत्याही एका पुरुष व्यक्तिमत्त्वाच्या योगदानाबद्दल लिहा.)

- | | |
|--------------------|----------------------------|
| * साहित्य | * वाणिज्य |
| * सामाजिक शास्त्रे | * विज्ञान |
| * व्यवस्थापन | * सामुहिक शास्त्र, संरक्षण |
| * विधी | * शास्त्रज्ञ |
| * शैक्षणिक | * कला-ललित कला-उपयोजित कला |

‘Contribution and Achivements of Men in Various Spheres at National and Internationals Levels’

- | | |
|--------------------|---------------------------------|
| ● Literati | ● Performing Arts and Fine Arts |
| ● Social Reformers | ● Commerce |
| ● Researchers | ● Science |
| ● Management | ● Military Strategy |
| ● Social Science | ● Law |
| ● Education | ● Scientists |

Objective of Conference

The objective of the conference is to empower academicians, researchers and professionals to build collective networks and create a platform at global level for innovative ideas.

It also aims at building multidisciplinary web to promote humanities and social sciences at global levels.

For Further Information Contact :

Snehavardhan Research Institute, (Trust)

863, Sadashiv Peth, Ahitagani Rajwade Road, Pune - 411 030. India

Call for Papers - Scholarly and unpublished research papers on any one of the themes related to the sub - themes of the conference may be sent.

Registration Fee :

1) Registration Fee : Rs. 1500/-

Fee includes :-

- To promote reading habit, we are offering books of equivalent value of registration fee of Rs. 1500/- (वाचन संस्कृती वृद्धिगत व्हावी म्हणून नोंदणीशुल्काच्या बदल्यात आपणास 1500/- रुपयांची पुस्तके सप्रेम भेट मिळतील)
- Lunch
- ISBN book of papers publication
- Laminated Certificate.

Account details are as follows :-

Account Holder Name - Snehavardhan Research Institute.

Account Number : 645105001576

Bank Name - ICICI Bank, IFSC Code - ICICI0006451

Branch - Sadashiv Peth, Pune - 411030

Guidelines for paper submission -

- 1) Full papers not exceeding 1200 words.
- 2) Font 'Times New Roman' with 12 font size for English and for Marathi / Hindi, Devanagari - Shree Lipi, Kruti dev, Shivaji, Mangal with 14 font size. (No DVBT) - Also send PDF file and Open file.

Important - Please mention your Name, College Address, Mobile No. and E-Mail.

Papers which are not according to the specifications will not be considered for publication. The book will be released in the conference with ISBN number.

Filled in registration forms with fee paid details should be sent and attachment E- mail.

The conference Email ID - snehaltawre@gmail.com

Important Dates - 30/10/2022

Last Date to submit full paper - 30/10/2022

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada, Dist: Palghar

Date:11-10-2021

Scrutiny Committee Recommendation for Minor Research Projects

The college has established a scrutiny committee for proposals of minor research projects received during year 2021-22, through which it is recommended that the following projects are approved by the scrutiny committee.

Sr. No.	Name of the Principal Investigator	Name of Faculty	Name of Subject	Title of the Project	Grant Sanctioned
Faculty of Arts					
1	Dr. Yashwant Harishchandra Ulvekar	Faculty of Humanities	Economics	A Study the Socio-Economic Impact of Covid-19 Pandemic Period on Tribal Community of Mokhada Taluka, District Palghar, Maharashtra	17,000/-
2	Mr. Mahendra Ramchandra Khambait	Faculty of Social Science	Economics	A Special Study of Migration of Tribal Farmers in Nashik District (Special Reference: Peth & Surgana Taluka)	20,000/-
3	Mr. Tersing Maktya Paradke	Faculty of Humanities and Fine Arts	English	Factors Affecting the English Language Learning of Students from Tribal Mokhada Taluka Dist. Palghar	15,000/-
4	Mr. Dattatray Raghunath Bhoje	Faculty of Humanities	History	Adiwasi Samajat Gharaguti Vaparachya Vastu ani Sheti Vyavsayat Upayogi Sadhanacha Abhyas	20,000/-
5	Dr. Santosh Hanumant Jadhav	Faculty of Humanities	History	Mokhada Parisaratil Eitihasik v Dharmik Sthalanacha Abhyas	17,000/-
6	Dr. Vasudeo Mahadeorao Dongardive	Faculty of Humanities	History	Jawhar Sansthanatil Paryatan Sthalanacha Abhyas	20,000/-
7	Mr. Pramod Lahanu Nadekar	Faculty of Humanities	Psychology	Study of Emotional, Social and Physical Adjustment among Adolescents in Tribal Community, Dist: Palghar	15,000/-
8	Mr. Rajendra Devram Ghatal	Faculty of Humanities, Language and Fine Arts	Marathi	Jawhar Talukyatil Adivasi Varali Lagna Samarambhatil Gitancha Abhyas	20,000/-
Faculty of Commerce					
9	Mr. Santosh Gangaram Mengal	Commerce and Management	Commerce	Analytical Study of Agriculture Marketing in Mokhada Taluka	17,000/-
10	Mr. Vishwas Ganpat Chothe	Commerce and Management	Commerce	An Analytical Study of Cultivation and Marketing of Mangoes in Mokhada Taluka	20,000/-
Faculty of Science					
11	Dr. Arun Nivrutti Chandore	Faculty of Science & Technology	Botany	Study of Endemic Flowering Plants of Western Ghats- A Special Reference to Palghar District of Maharashtra	19,000/-
12	Mr. Subhash Eknath Saindandshiv	Faculty of Science & Technology	Botany	Survey of Medicinal Plants from Devbandh, Mokhada, Dist: Palghar (MS)	20,000/-
13	Mr. Sanjog Ramkisan Vhande	Faculty of Science & Technology	Chemistry	The Green Synthesis of Nano-Particles and Their Catalytic Application in Organic Transformation	19,000/-
14	Mr. Ramesh Ashok Kawale	Faculty of Science & Technology	Chemistry	Synthesis and Biological Evaluation of Novel 1,2,3-Triazole Containing Chromones	18,000/-

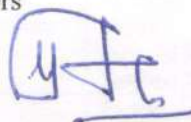
o/c

15	Dr. Vilas Bhaushabe Gade	Faculty of Science & Technology	Chemistry	Synthesis and Catalytic Application of Metal Oxide Nanocatalyst in Multicomponent Reaction-A Sustainable Protocol	19,000/-
16	Dr. Deepak Raghoraog Nagargoje	Faculty of Science & Technology	Chemistry	Synthesis and Evaluation of Imidazole containing Heterocyclic Molecules as Antimicrobial Agents	20,000/-
17	Mr. Prashant Kesarinath Patil	Faculty of Science & Technology	Mathematics	Applications of Golden Ratio in Engineering and Architectural Design & Development	10,000/-
18	Mr. Subhash Ajinath Funde	Faculty of Science & Technology	Physics	Synthesis and Characterization of Perovskite-Based Solar Cell Materials	18,000/-
19	Mr. Shankar Karbhari Vitnor	Faculty of Science & Technology	Physics	Synthesis of Lead-free Organometal Halide Perovskite and Characterization for Solar Cell Applications	20,000/-
20	Dr. Shilpa Kumar Pawar	Faculty of Science & Technology	Zoology	Assessment of Status and Diversity of Avifauna in Different Habitats of Mokhada Tehsil	20,000/-
21	Dr. Ayaj Ladlesahab Shaikh	Faculty of Science & Technology	Zoology	Comparative Assessment of Few Hydrobiological Aspects of Different Lotic Habitats with Special Reference to Open Wells at Mokhada, Dist: Palghar	19,000/-

The meeting of the same was conducted on 11-10-2021 at 11.00 am and the following members were present for the same.

Signature of the scrutiny committee members

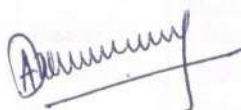
1. Prin. Dr. L. D. Bhor
Principal



2. Dr. D. R. Nagargoje
Chairman, Research Committee



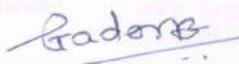
3. Dr. A. N. Chandore
IQAC Coordinator



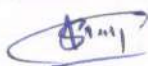
4. Mr. S. G. Mengal
Head, Dept. of Commerce



5. Dr. V. B. Gade
Chairman, Naac Criteria III



6. Dr. S. H. Jadhav
Head, Dept of Arts



Date: 11-10-2021

Place: Mokhada



Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Mokhada, Dist: Palghar

Date:19-10-2022

Scrutiny Committee Recommendation for Minor Research Projects

The college has established a scrutiny committee for proposals of minor research projects received during year 2022-23, through which it is recommended that the following projects are approved by the scrutiny committee.

Sr. No.	Name of the Principal investigator	Name of Faculty	Name of Subject	Title of the Project	Grant Sanctioned
Faculty of Arts					
1	Dr. Yashwant Harishchandra Ulvekar	Faculty of Social Science	Economics	Socio-Economic Study of Tribal Women: Special Reference to Mokhada Taluka District Palghar, Maharashtra.	8,000/-
2	Mr. Mahendra Ramchandra Khambait	Faculty of Humanities	Economics	An Analytical Study of Change in Production of Major Crop Nagli (Nachani) of Tribals Nashik District	12,000/-
3	Dr. Santosh Hanumant Jadhav	Faculty of Humanities	History	Mokhada Talukyatil Aadivasinchi Samajik, Shaikshanik Sthiti: Ek Chikitsak Abhyas.	8,000/-
4	Dr. Vasudeo Mahadeorao Dongardive	Faculty of Humanities	History	Jawhar Sansthanacha Samajik, Dharmik v Rajkiya Abhyas	7,000/-
5	Mr. Rajendra Devram Ghatal	Faculty of Humanities, Language and Fine Arts	Marathi	Jawhar Talukyatil K-Thakur Bhashecha Samikshatmak Abhyas.	12,000/-
Faculty of Commerce					
6	Mr. Santosh Gangaram Mengal	Faculty of Commerce	Commerce	A Study of Marketing Problems of Ragi Producer in Mokhada Taluka.	8,000/-
7	Mr. Sachin Keshav Damse	Faculty of Commerce	Commerce	Analysis of Marketing of Jasmine Flowers in Mokhada Taluka.	12,000/-
Faculty of Science					
8	Dr. Arun Nivritti Chandore	Faculty of Science & Technology	Botany	Taxonomic study of Mangroves and their associates flowering plants from south Konkan region of Maharashtra.	12,000/-
9	Mr. Sangharatna Yuvraj Tayade	Faculty of Science & Technology	Botany	To Study Diversity of Algal Forms of Various Lakes of Mokhada and Surrounding Area.	12,000/-
10	Dr. Balasaheb Rama Ughade	Faculty of Science & Technology	Botany	Study of Wild Edible Plants from Mokhada Tehsil Palghar District.	12,000/-
11	Mr. Sanjog Ramkisan Vhande	Faculty of Science & Technology	Chemistry	Synthesis of Imines and Their Heterocycles derived from Substituted 2-Aminopyridine.	12,000/-
12	Mr. Ramesh Ashok Kawale	Faculty of Science & Technology	Chemistry	Synthesis and Biological Evaluation of Novel Aurone containing 1,2,3-Triazoles.	12,000/-
13	Dr. Vilas Bhaushabe Gade	Faculty of Science & Technology	Chemistry	NiO Nanoparticles: An Efficient Catalyst for the Multicomponent One Pot Synthesis of Benzopyran Derivatives.	12,000/-
14	Mr. Arun Jagannath Gavande	Faculty of Science & Technology	Chemistry	Mixed Metal Oxides as a Green Catalyst for the Synthesis of N-Heterocycles.	12,000/-
15	Mr. Subhash Ajinath Funde	Faculty of Science & Technology	Physics	Development of Metal Chalcogenide based Nanostructures for Energy Application.	12,000/-
16	Dr. Shilpa Kumar Pawar	Faculty of Science & Technology	Zoology	Assessment of Water Quality Index of Jagdamba Lake, Tal. Mokhada, Dist. Palghar.	9,000/-

17	Dr. Ayaj Ladlesahab Shaikh	Faculty of Science & Technology	Zoology	To Study the Faunal Diversity w.r.t. Fishes of Jagdamba Lake, Tal. Mokhada, Dist. Palghar.	8,000/-
18	Mr. Pratik Radhakrishna Havale	Faculty of Science & Technology	Zoology	A Study on Moth Diversity Found in Mokhada Tehsil of Palghar District, Maharashtra.	12,000/-
19	Mr. Kiran Kashinath Pardhi	Faculty of Science & Technology	Zoology	A Study on Butterfly Diversity in Ghodegaon Region of Maharashtra, India.	10,000/-

The presentations of MRP proposals were conducted on 18-10-2022 at 10.00 am and the following members were present for the same.

Signature of the scrutiny committee members

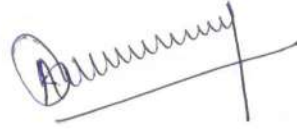
1. Prin. Dr. L. D. Bhor
Principal



2. Dr. R. S. Dubal
Head, Dept. of Zoology,



3. Dr. A. N. Chandore
IQAC Coordinator



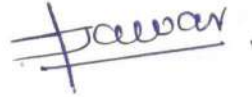
4. Dr. V. B. Gade
Chairman, Research Committee



5. Mr. S. G. Mengal
Head, Dept. of Commerce



6. Dr. S. K. Pawar
Member, Research Committee



7. Dr. Y. H. Ulvekar
Member, Research Committee




8. Dr. S. H. Jadhav
Member, Research Committee



Date: 19-10-2022
Place: Mokhada




Principal
Arts, Science & Com. College
Mokhada, Dist. Palghar



Rayat Shikshan Sanstha's

ARTS, SCIENCE & COMMERCE COLLEGE, MOKHADA.

Estd. : June - 1984

(Higher Secondary Vocational Course - J. 18. 02. 901)

NAAC Accredited - 'B' Grade

Founder - Padmabhushan Dr. Karmaveer Bhaurao Patil (D.Litt.)

Principal

Dr. L. D. Bhor
(M. Com. B.Ed. Ph.D.)

Ref. No. : 313 / 22-23

Date : 19-08-2022

To,
Dr. Sunil Patil,
I/C Director,
Department of Student Development,
Vidyapeeth Vidyarthi Bhavan,
'B' Road, Churchgate, Mumbai-400020

Subject: Submission of Pre-Research Proposals from approved Science and Technology Teachers of our College.

Respected Sir,

With reference to above mentioned subject I am sending herewith the pre-research proposal of approved science and technology teachers from our college for your kind consideration. Our teachers assume full responsibility for implementing the project. The Institution will provide in-house equipments and basic infrastructure and other required facilities to the investigator.

Thanking you.

Yours Faithfully,
PRINCIPAL

Arts Science and Commerce College
Mokhada, Dist. Palghar

Enclosure:

- List of Proposals



Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, MOKHADA.

Estd. : June - 1984

(Higher Secondary Vocational Course - J. 18. 02. 901)

NAAC Accredited - 'B' Grade

Founder - Padmabhushan Dr. Karmaveer Bhaurao Patil (D.Litt.)

Principal

Dr. L. D. Bhor
(M. Com. B.Ed. Ph.D.)

Ref. No. : 313/22-23

Date : 19-09-2022

**List of Pre-Research Proposals
2022-23**

Sr. No.	Name of Teacher	Department	Title
1	Dr. V. B. Gade	Chemistry	Polymorphic Mixed Phase Oxides of Cu and Ni nanoparticles as efficient catalyst for the Green Synthesis of Pyranopyrazole Derivatives.
2	Mr. R. A. Kawale	Chemistry	Synthesis and Biological Evaluation of Novel Chromone Containing 1,2,3-Triazoles
3	Dr. S. K. Pawar	Zoology	Limnological Study of Jagdamba Lake, Tal. Mokhada, Dist. Palghar
4	Dr. A. L. Shaikh	Zoology	Zooplankton and Fish Diversity of Jagdamba Lake, Tal. Mokhada, Dist. Palghar
5	Mr. S. A. Funde	Physics	Development of Metal Chalcogenide Based Nanostructures For Renewable Energy Application
6	Mr. P. K. Patil	Mathematics	Applications of Golden Ratio & Fibonacci Series in Aesthetics, Human body, Nature, Engineering and Architectural design & development
7	Dr. A. N. Chandore	Botany	<i>Ex situ</i> conservation of <i>Syzygium stocksii</i> (Duthie) Gamble: An Endangered Tree Species of Konkan
8	Mr. Saindanshiv S. E.	Botany	Study of Algal diversity from Jawhar and Mokhada tehsils of Palghar district (Maharashtra).

PRINCIPAL

Arts Science and Commerce College
Mokhada Dist. Palghar



Rayat Shikshan Sanstha's

ARTS, SCIENCE & COMMERCE COLLEGE, MOKHADA.

Estd. : June - 1984

(Higher Secondary Vocational Course - J. 18. 02. 901)

NAAC Accredited - 'B' Grade

Founder - Padmabhushan Dr. Karmaveer Bhaurao Patil (D.Litt.)

Principal

Dr. L. D. Bhor
(M. Com. B.Ed. Ph.D.)

Ref. No. : 316/ 22-23

Date : 20-8-2022

To,
Dr. Sunil Patil,
I/C Director,
Department of Student Development,
Vidyapeeth Vidyarthi Bhavan,
'B' Road, Churchgate, Mumbai-400020

Subject: Submission of Pre-Research Proposals from approved Science and Technology Teachers of our College.

Respected Sir,

With reference to above mentioned subject I am sending herewith the remaining three pre-research proposals of approved science and technology teachers from our college for your kind consideration. Our teachers assume full responsibility for implementing the project. The Institution will provide in-house equipments and basic infrastructure and other required facilities to the investigator.

Thanking you.

Yours Faithfully,

Principal

Arts Science and Commerce Coll.,
Mokhada, Dist. Palghar

Enclosure:

- List of Proposals



Rayat Shikshan Sanstha's

ARTS, SCIENCE & COMMERCE COLLEGE, MOKHADA.

Estd. : June - 1984

(Higher Secondary Vocational Course - J. 18. 02. 901)

NAAC Accredited - 'B' Grade

Founder - Padmabhushan Dr. Karmaveer Bhaurao Patil (D.Litt.)

Principal

Dr. L. D. Bhor
(M. Com. B.Ed. Ph.D.)

Ref. No. : 316/22-23

Date : 20-08-2022

List of Pre-Research Proposals 2022-23

Sr. No.	Name of Teacher	Department	Title
1	Dr. D. R. Nagargoje	Chemistry	Development of substituted O, O-diethyl O-(1, 3-diphenyl-1H-pyrazol-4-yl) methyl phosphorothioates as insecticidal agents
2	Mr. S. R. Vhande	Chemistry	The Green Synthesis Of Nano-Transition Metal Oxides and their Catalytic Application For Organic Transformations
3	Dr. R. S. Dubal	Zoology	Survey of Butterfly diversity in Mokhada Region Dist. Palghar, Maharashtra, India

Principal

Arts Science and Commerce College,
Mokhada, Dist. Palghar



MOKHADA MOKHADA <asccmokhada@gmail.com>

Submission of Detailed Research Proposal

RGSTC Proposal <rgstcproposal@mu.ac.in>
 To: "9shilpapawar@gmail.com" <9shilpapawar@gmail.com>
 Cc: asccmokhada@gmail.com, jagtapdinesh21@gmail.com

Thu, Dec 15, 2022 at 12:07 AM

To,
Dr. Shilpa Pawar
 Arts, Science and Commerce College,
 Mokhada, Dist.-Palghar

Subject: Submission of Detailed Research Proposal

Madam,

I am happy to communicate to you that your pre-research proposal titled 'Limnological Study of Jagdamba Lake, Tal. Mokhada, Dist.-Palghar' submitted by you for financial assistance under the scheme "Assistance for S & T Applications" of Rajiv Gandhi Science and Technology Commission, Government of Maharashtra has been **approved with modifications** by the Peer Committee nominated by Hon'ble Vice-Chancellor of University of Mumbai.

You are hereby informed to submit the Detailed Research Proposal on or before December 31, 2022.

Submit the ~~file~~ file which contains following documents-

- 1) Forwarding Letter on the Letter Head of the College by the Principal of the College
- 2) Detailed Research Proposal as per Annexure No. 1
- 3) Endorsement from the Head of the Institution (Principal of the College) on the Letter Head of the College as per Annexure No. 2
- 4) Certificate from the Principal Investigator as per Annexure No. 3

Include following points in the Detailed Research Proposal-

- 1) Purpose of limnology to be highlighted
- 2) Give stakeholders of the work

You are requested to submit above documents on or before December 31, 2022 by the email rgstcproposal@mu.ac.in

With warm regards,

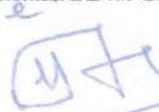
Dr. Sunil Patil
 Director,
 Department of Students' Development,
 University of Mumbai

Mobile No.: 9820145632, 9326312108
 WhatsApp No.: 9820145632

Arts, Science & Com. College
 Mokhada, Dist. Palghar

Inward No. 1318

Date: 15/12/22

Dr. S. K. Pawar
 Dr. Hadze

 15/12/22



MOKHADA MOKHADA <asccmokhada@gmail.com>

Fwd: Submission of Detailed Research Proposal

RGSTC Proposal <rgstcproposal@mu.ac.in>
To: "asccmokhada@gmail.com" <asccmokhada@gmail.com>

Wed, Dec 14, 2022 at 11:50 PM

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

From: **RGSTC Proposal** <rgstcproposal@mu.ac.in>
Date: Wed, Dec 14, 2022 at 11:22 PM
Subject: Submission of Detailed Research Proposal
To: arunchandore1@gmail.com <arunchandore1@gmail.com>
Cc: <ascmokhada@gmail.com>, <jagtapdinesh21@gmail.com>

To,
Dr. Arun Chandore
Arts, Science and Commerce College,
Mokhada

Subject: Submission of Detailed Research Proposal

Sir,

I am happy to communicate to you that your pre-research proposal titled '*Ex situ conservation of Syzygium stocksii (Duthie) gamble: An endangered tree species of Konkan*' submitted by you for financial assistance under the scheme "Assistance for S & T Applications" of Rajiv Gandhi Science and Technology Commission, Government of Maharashtra has been **approved** by the Peer Committee nominated by Hon'ble Vice-Chancellor of University of Mumbai.

You are hereby informed to submit the Detailed Research Proposal on or before December 31, 2022.

Submit the **single PDF** file which contains following documents-

- 1) Forwarding Letter on the Letter Head of the College by the Principal of the College
- 2) Detailed Research Proposal as per Annexure No. 1
- 3) Endorsement from the Head of the Institution (Principal of the College) on the Letter Head of the College as per Annexure No. 2
- 4) Certificate from the Principal Investigator as per Annexure No. 3

You are requested to submit above documents on or before December 31, 2022 by the email rgstcproposal@mu.ac.in

With warm regards,

Dr. Sunil Patil
Director,
Department of Students' Development,
University of Mumbai

Arts, Science & Com. College
Mokhada, Dist. Palghar

Inward No. 1319

Date: 15/12/22

Dr. Arun Chandore
Dr. Sunil Patil
15/12/22

**Rayat Shikshan Sanstha's
ASC College Mokhada, Dist: Palghar-401604**

**List of MOU's
2022-23**

Sr. No.	Department	Name of Teacher	Institute with which MoU is Signed	Page No.
1	Department of Physical Education and NCC, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Prof. R. S. Dubal Dr. V. M. Dongardive	Department of Physical Education and NCC, Rayat Shikshan Sanstha's, Dada Patil Mahavidyalaya Karjat. Dist: Ahmednagar	1-2
2	Competitive Examination Cell, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Mr. S. R. Vhande	Competitive Examination Cell, Rayat Shikshan Sanstha's, Chhatrapati Shivaji College, Satara-415001	3-4
3	Department of Commerce, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Mr. S. G. Mengal	Banking Recruitment Guidance Centre, Rayat Shikshan Sanstha's, Dhananjayrao Gadgil College of Commerce, Satara-410210	5-6

**List of MOU's
2021-22**

Sr. No.	Department	Name of the Teacher	Institute with which MoU is Signed	Page No.
1	Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar-401604	Mr. P. K. Patil	Karmaveer Vidya Prabodhini, Rayat Shikshan Sanstha, Satara	7-8
2	Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar-401604	Mr. P. K. Patil	MPASC College, Panvel, Dist: Raigad.	9-10
3	Dept. of Marathi, ASC College, Mokhada, Dist: Palghar-401604	Mr. R. D. Ghatal	Adivasi Kala Savardhan & Vikas Sanstha, Mukane Colony, Ambika Chowk, Tal: Jawhar, Dist: Palghar-401603	11-12
4	Dept. of Economics, ASC College, Mokhada, Dist: Palghar-401604	Mr. M. R. Khambait	Diganta Swaraj Foundation, Room No. 04, Laxminagar, Mokhada, Tal: Mokhada, Dist: Palghar-401604	13-14



5	ASC College, Mokhada, Dist: Palghar-401604	Dr. R. S. Dubal	Vijay Thorat Research Foundation of Yog-Ayurved and Education, Manik Bag, Sinhagad Road, Near Wadekar Hospital, Pune-411051	15-16
6	Dept. of Chemistry, ASC College, Mokhada, Dist: Palghar-401604	Dr. V. B. Gade	Dept. of Chemistry, MVP Samaj's Arts, Commerce and Science College, Tryambakeshwar, Jawhar Road, Nashik-422212.	17-18
7	Dept. of Chemistry, ASC College, Mokhada, Dist: Palghar-401604	Dr. D. R. Nagargoje	Dept. of Chemistry, Shivaji Arts, Commerce and Science College, Kannad, Dist: Aurangabad-431 103	19-20
8	Dept. of Botany, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. E. Saindanshiv	Dept. of Botany, SGSP Mandal's Swami Muktanand College of Science, Yeola, Dist: Nashik- 423401	21-22
9	Dept. of Botany, ASC College, Mokhada, Dist: Palghar-401604	Dr. A. N. Chandore	Dept. of Botany, MVP Samaj's Arts, Commerce and Science College, Tryambakeshwar, Jawhar Road, Nashik-422212.	23-24
10	Dept. of Botany, ASC College, Mokhada, Dist: Palghar-401604	Dr. A. N. Chandore	Dept. of Botany, GES's HPT Arts and RYK Science College, Nashik, Dist: Nashik- 422005	25-26
11	Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar-401604	Mr. R. A. Kawale	Snehanagan Rehabilitation and Mental Health Centre, Hidustan Nagar 1, Adgaon, Sayyad Pimpri Road, Adgaon, Nashik-422003	27-28
12	Dept. of English, ASC College, Mokhada, Dist: Palghar-401604	Mr. T. M. Paradke	Maharshi Vithhal Ramji Shinde Ashram School and Junior College, Mokhada, Tal: Mokhada, Dist: Palghar-401604	29-30
13	Dept. of Physics, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. A. Funde	Mokhada 33/22 KVA Substation MSEDCL, Mokhada, Dist: Palghar- 401604	31
14	Dept. of Zoology, ASC College, Mokhada, Dist: Palghar-401604	Dr. A. L. Shaikh	Dept. of Zoology, Sanjivan Gramin Vaidyakiya and Samajik Sahayata Pratishtan's Arts, Commerce and Science College, Onde Tal: Vikramgad, Dist: Palghar-401605	32-34



15	Dept. of History, ASC College, Mokhada, Dist: Palghar-401604	Dr. S. H. Jadhav	Dept. of History, Sanjivan Gramin Vaidyakiya and Samajik Sahayata Pratishthan's Arts, Commerce and Science College, Onde Tal: Vikramgad, Dist: Palghar-401605	35-37
16	Dept. of Economics, ASC College, Mokhada, Dist: Palghar-401604	Dr. Y. H. Ulvekar	Dept. of Economics, Shikshan Maharashi Dadasaheb Limaye Mahavidyalay Kalamboli, Tal: Panvel, Dist: Raigad-84102069	38-39
17	Dept. of Chemistry, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. R. Vhande	Dept. of Advance Diploma in Medical Laboratory Technician, Kalyani Charitable Trust's, RG Sapkal Institute of Pharmacy, Kalyani Hills, Tryambakeshwar Road, Nashik-422213	40-41
18	Dept. of Zoology, ASC College, Mokhada, Dist: Palghar-401604	Dr. S. K. Pawar	Arochan, Anurag Niwas, Telipada, Mokhada, Dist: Palghar	42-44
19	Library, ASC College, Mokhada, Dist: Palghar-401604	Mr. P. M. Dhawne	Library, HPT Arts & RYK Science College, Nashik	45-46
20	ASC College, Mokhada, Dist: Palghar-401604	Dr. D. R. Nagargoje	The Energy and Resource Institute, 318, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai- 400614	47-48
21	Dept. of History, ASC College, Mokhada, Dist: Palghar-401604	Dr. V. M. Dongardive	Dept. of History, Com. Godavari Shamrao Parulekar Arts, Commerce and Science College, Talasari, Dist: Palghar- 401606	49-51
22	Dept. of Physics, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. A. Funde	Dept. of Physics, GES's Arts, Commerce & Science College, Tal: Jawhar, Dist: Palghar- 401603	52-53
23	Library, ASC College, Mokhada, Dist: Palghar-401604	Mr. P. M. Dhawne	National Association for the Blind (Unit Maharashtra) "NAB Sankul" Nashik	54-55
24	Dept. of Commerce, ASC College, Mokhada, Dist: Palghar-401604	Mr. V. G. Chothe	Dept. of Commerce, Murlidhar Nanaji Mohite Guruji Arts, Commerce and BMS College, Khodala, Jogalwadi, Tal: Mokhada, Dist: Palghar-401604	56-57
25	Dept. of Psychology, ASC College, Mokhada, Dist: Palghar-401604	Mr. P. L. Nadekar	Chaitanya Psychology Study Centre, Pratik Apartment, Nerlikar Hospital Lane, Nashik-422012	58-59



26	Dept. of Commerce, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. G. Mengal	Dept. of Commerce, GES's Arts, Commerce & Science College, Tal: Jawhar, Dist: Palghar- 401603	60-61
27	Dept. of History ASC College, Mokhada	Mr. D. R. Bhoje	Deputy Engineer, Jilha Parishad, Construction Department, Mokhada, Dist: Palghar	62-63
28	Dept. of Commerce, ASC College, Mokhada, Dist: Palghar-401604	Mr. S. K. Damse	K. R. Lade and Associates, Jawhar, Dist: Palghar-401603	64-65
29	Dept. of Physical Education and Sports, ASC College, Mokhada, Dist: Palghar-401604	Dr. V. M. Dongardive	Mokhada Taluka Kabaddi Association, At Post Vashala, Tal: Mokhada, Dist: Palghar	66-67
30	Dept. of Physical Education and Sports, ASC College, Mokhada, Dist: Palghar-401604	Dr. V. M. Dongardive	Dept. of Physical Education and Sports, MVP Samaj's. Arts, Commerce and Science College, Tryambakeshwar, Jawhar Road, Nashik-422212.	68-69

**List of MOU's
2020-21**

Sr. No.	Department	Name of the Teacher	Institute with which MoU is Signed	Page No
1	Department of Chemistry, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Dr. V. B. Gade	Maratha Vidya Prasarak Samaj's, Department of Chemistry, ACS College, Tryambakeshwar, Nashik.	70
2	Department of Physics, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Mr. S. A. Funde	Maratha Vidya Prasarak Samaj's, Department of Physics, ACS College, Tryambakeshwar, Nashik.	71
3	Department of Botany, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Dr. A. N. Chandore	Maratha Vidya Prasarak Samaj's, Department of Botany, ACS College, Tryambakeshwar, Nashik.	72
4	Department of Zoology, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Dr. A. B. Mammalayya	Maratha Vidya Prasarak Samaj's, Department of Zoology, ACS College, Tryambakeshwar, Nashik.	73



5	Department of History, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Dr. S. H. Jadhav	S. T. Education Society & Co- Op. Education Society Ltd's. Department of History, Sr. Arts Mahila Mahavidyalaya Shahada. Dist: Nandurbar	74
6	Department of Commerce, Rayat Shikshan Sanstha's, ASC College, Mokhada, Dist: Palghar.	Mr. S. G. Mengal	Rayat Shikshan Sanstha's, Department of Commerce, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist: Ratnagiri	75

**List of MOU's
2019-20**

Sr. No.	Department	Name of the Teacher	Institute with which MoU is Signed	Page No.
1	Rayat Shikshan Sanstha, Satara, Karmaveer Samadhi Parisar, Near Powai Naka, Satara-415001	Mr. J. B. Warghade	Maharashtra Center for Entrepreneurship Development (MCED) (An Autonomous Society Working Under Directorate of Industries, Government of Maharashtra) A-38, MIDC Area, Near Railway Station, Aurangabad.	76-78




Principal
 Arts, Science & Commerce, College
 Mokhada, Dist. Palghar



Dr. KONGA GOPIKRISHNA

Scientist – 'F'

SEED Division

E- Mail: k.gopikrishna@nic.in

Phone: 011-26590298

भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय

विज्ञान और प्रौद्योगिकी विभाग

टेक्नोलॉजी भवन, नया मेहरौली मार्ग

नयी दिल्ली-११० ०१६

GOVERNMENT OF INDIA

MINISTRY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF SCIENCE AND TECHNOLOGY

TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD

NEW DELHI – 110 016

DST/SEED/TSP/STI/2021/404

26.10.2022

Sub: Financial Assistance for the project titled “Innovative interventions in Mokhada Block of Palghar district to address malnutrition and enhance the livelihood of Scheduled Tribe (ST) Communities”.

Dear Madam

This is to inform that the above mentioned project proposal has been approved at a total cost of Rs.1,50,12,307/- (Rs.95,03,898/- under General Component and Rs.55,08,409/- towards Capital Assets) (detailed break-up enclosed at Annexure I) for duration of three years with an initial release of Rs.86,76,575/- (Rs.31,68,166/- towards General Component and Rs.55,08,409/- towards Capital Assets) subject to the following conditions.

1. Submission of bond on non-judicial stamp paper (in the enclosed format).
2. Submission of letter of consent to take up the project at the above cost.
3. The Organization/Institute/Principal Investigator that it has not obtained financial assistance from any other department of the Central/State Governments for this project or a similar project
4. The Institute is not blacklisted
5. Procurement of equipment as per General Financial Rules 2017.
6. Execution of construction work through Government Agency/PSU
7. The proposed equipment in the project are not available with the Host Institution and not procured under any project sanction by Central/State Government
8. The Goods (consumables and equipment) available in GeM portal are to be procured mandatorily online through GeM only
9. The Host Institution/PI will also follow DoE's guidelines for incurring expenditure under the different sub-heads
10. The Host Institution/PI should start using EAT module and next release will be made only after mapping and following EAT modules by the Grantee Institution
11. Selection of NGOs may be done with transparent manner for last mile delivery

12. The HI/PI may ensure involving the Industries for commercialization of technologies, if any, developed in the project

13. The institute will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing government bank account.

14. All interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant.

15. The permanent assets/equipment procured if any, in the project should be used by the intended beneficiaries even after completion of project tenure. Retention of equipment if any for further research may be requested and such retention is subject to approval of competent authority.

16. The year-wise quantifiable deliverables for the project to be provided in tabular form as per format at annexure II subsequent releases in the project will be made on the basis of achievement of these deliverables.

2. As per the Ministry of Finance, Department of Expenditure OM No. 7 (1) E.Coord/2012 dated 14th November 2012, the release of the grant will be subject to declaration by the Organization/ Principal Investigator (s) that

(i) All Utilization Certificates due for rendition, for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India have been submitted for all the projects implemented (completed) by the Organization/ Principal Investigator (s) and Up to date Utilization Certificates have been submitted for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India in case of ongoing projects

3. Further, in order to release the grant, you have to register your agency under "Public Financial Management System (PFMS)" as well as NGO Darpan Portal. If you have already registered your agency, please send us the unique code and details for both immediately. If not, please register your agency under PFMS or CPSMS and NGO Darpan. During the process of registration, the bank details should be added to the Scheme "INNOVATION, TECHNOLOGY DEVELOPMENT AND DEPLOYMENT (1819)" and it must be saving bank account in Union Bank of India (UBI).

4. A zero balance subsidiary account should be opened in Union Bank of India (UBI). For any help in opening of account, you may contact the Senior Manager of UBI, Sh. Dindayal Mishra (Mobile 7411403225). It will be linked to the Central Nodal Agency (CAN) account in PFMS. Here Science and Engineering Research Board (SERB) is CNA. Therefore, while

adding this account in PFMS, you have to write Science and Engineering Research Board (SERB) as the agency from which you will be receiving the funds.

5. The release of the grant would be through electronic transfer of funds (RTGS). You are requested to provide the following details for facilitating e-payments.

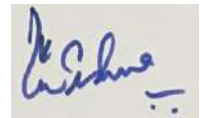
- a. Account Holders /Organization name (or) designation
- b. Name of the bank
- c. Bank Account Number
- d. IFSC Code
- e. MICR Code

It would be appreciated if you can send us a photocopy of a cancelled cheque, which has all the requisite details. The bank details in the photocopy of the cancelled cheque should match with the details given during CPSMS registration.

Enclosures: As above

Yours Sincerely,

Yours Sincerely,



(Gopikrishna Konga)

To

Dr. Anjali Parasnis
Western Regional Centre, Mumbai, Maharashtra
The Energy and Resources Institute (TERI)
318, Raheja Arcade, Sector 11, CBD Belapur,
Navi Mumbai, Maharashtra

1. Scitech Soymet Project



2. Women Self-Help Groups – Self-Earning Guidance Programme





3. Borewell recharge in College Campus



4. Ethnobotanical Study and Medicinal plants survey of Suryamal area



5. Digital Saksharta Centre



6. मस्त्यपालन व्यवसाय



7. मोखाडा परिसरातील ऐतिहासिक वास्तूंचे जतन आणि संवर्धन





8. Hands-on Training for the Preparation of Cleaning Agents and Perfume





9. Dr. S. H. Jadhav has received prestigious award of Maharashtra Sahitya Parishad, Pune for excellent publication



10. 17th Inter-Collegiate/ Institute/ Department Research Convention 2022-23

