



Rayat Shikshan Sanstha's
**Abasaheb Marathe Arts and New Commerce, Science
College, Raianur, Dist-Ratnagiri**



~~Q.005~~ *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last year*

Sr. No.	Name of the event	Department	Date	Funding agency
1	Intellectual Property Rights and Indian Patent Filing	Research cell & Science Association	22/09/2021	Self
2	National Conference on "Lecture Series for UG and PG (Chemistry) Students"	Chemistry	23/03/2022 and 24/03/2022	Royal Society of Chemistry, West India.
3	Financial Education on Indian Capital Market and Wealth Management	Commerce	11/05/2022	Self



Rayat Shikshan Sanstha's
**Abasaheb Marathe Arts and New Commerce, Science
College, Rajapur, Dist-Ratnagiri**



Research Cell and Science Association

Jointly Organize One Day Workshop on

"Intellectual Property Rights and Indian Patent Filing"

Wednesday, 22nd September 2021

REPORT

- Resource Person:** Mr. S. B. Kumbhar,
Assistant Professor, Department of Chemistry
Dahiwadi College, Dahiwadi
- Date and time:** Wednesday, 22nd September 2021 at 3.00 pm
- Program link:** meet.google.com/equ-sogx-wvy

Research Cell and Science Association of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur jointly organized a national webinar on "*Intellectual Property Rights and Indian Patent Filing*" on Wednesday, 22nd September 2021 at 3.00 pm. on Google meet platform for students and teachers. The Google meet link was circulated among students and faculties who were registered for this event. About 193 registrations of students, teachers and other were recorded for this webinar.

The inaugural function started in presence of Hon. Principal Dr. P. G. Pawar and all dignitaries. Welcome address and introductory speech for the session was given by Hon. Principal Dr. P. G. Pawar. Dr. H. N. Akolkar has introduced to the guest speaker Mr. S. B. Kumbhar. During this webinar, Mr. S. B. Kumbhar has shared his views regarding importance of Intellectual Property Rights and patent filing. He has also explained about strategies and governmental back up for Intellectual Property Rights. He has also given detail information about the criteria for application of patent and details about the dos and don'ts regarding patent filing. He also covered the methodology adopted by the patent office and the fee structure required for application of patent.

At the end, session was concluded with vote of thanks by Mr. G. B. Pawar. Teachers and students from B.Sc., B. A., B.Com. from our college and other colleges were benefited from this webinar. Feedback given by the participants showed that, the workshop was useful and path finding. All participants were satisfied with the information given in the webinar.

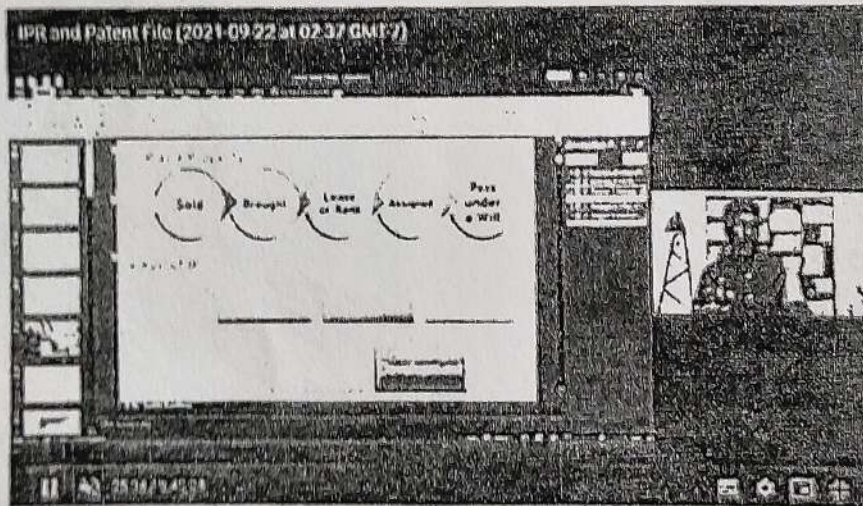
Photographs of the programme:
"Intellectual Property Rights and Indian Patent Filing"
Wednesday, 22nd September 2021



Welcome Address: Hon. Principal Dr. P. G. Pawar



Resource Person: Mr. S. B. Kumbhar



Presentation by Mr. S. B. Kumbhar

H.N.A. Kolkar
Co-ordinator
(Dy. H. N. A. Kolkar)



P. G. Pawar
Principal
A.M.A. & N.C.S. College
Rajapur, (V. Gothne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College
Rajapur, Dist: Ratnagiri, Maharashtra, India, PIN- 416702
NAAC Re-accredited 'B+' grade college

On the occasion of 134th Birth anniversary of
Padmabhushan Dr. Karmaveer Bhaurao Patil

Research Cell and Science Association

Organizes an one day workshop

On
"Intellectual Property Rights and Indian Patent Filing"

Wednesday, 22nd September 2021
- Guest Speaker -



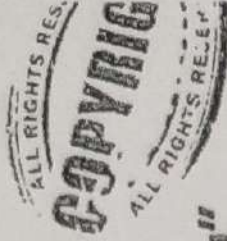
Mr. S. B. Kumbhar,
Assistant Professor,
Department of Chemistry
Dahiwadi College, Dahiwadi

Registration link: <https://forms.gle/V63MF3QgfrhmoULV8>

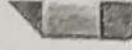
Coordinator
Dr. Hemant Akolkar
Head,
Department of Chemistry

Organizing Secretary
Mr. G. B. Pawar
Head,
Department of Botany

Convener
Prin. Dr. P. G. Pawar
Principal,
A. M. A. N. C. S. College, Ra



Join us





Rayat Shikshan Sanstha's
Abasaheb Marathe Arts and New Commerce, Science College
Rajapur, Dist: Ratnagiri, Maharashtra, India, PIN- 416702
NAAC Re-accredited 'B+' grade



On the Occasion of 134th Birth Anniversary of
Padmabhushan Dr. Karmaveer Bhaurao Patil

Research Cell and Science Association

Jointly Organize One day workshop on

"Intellectual Property Rights and Indian Patent Filing"

Wednesday, 22nd September 2021 at 3.00 pm

Programme Schedule

Programme	Programme coordinator	Time
Introduction and Welcome Address	Dr. P. G. Pawar, Principal, Abasaheb Marathe Arts and New Commerce, Science College Rajapur	3.00 to 3.10 pm
Resource person introduction	Dr. H. N. Akolkar, Head, Department of Chemistry	3.10 to 3.15 pm
Speaker	Mr. Sudhir Kumbhar, Dahiwadi College, Dahiwadi	3.15 to 3.55 pm
Discussion with participants	Mr. Sudhir Kumbhar, Dahiwadi College, Dahiwadi	3.55 to 4.10 pm
Vote of thanks	Mr. G. B. Pawar, Head, Department of Botany	4.10 to 4.15 pm

H.N. Akolkar

Co-ordinator
C. Dr. H. N. Akolkar



P. G. Pawar

Principal
A.M.A. & N.C.S. College
Rajapur, (V. Gothne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College
Rajapur, Dist: Ratnagiri, Maharashtra, India, PIN- 416702
NAAC Re-accredited 'B+' grade



Research Cell and Science Association

Jointly Organize One Day Workshop

ON

"Intellectual Property Rights and Indian Patent Filing"

CERTIFICATE



This is to certify that,

of

has participated in one day workshop entitled "Intellectual Property Rights and Indian Patent Filing" on Wednesday, 22nd September 2021 organized by Research cell and Science association, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

Dr. Hemant Akolkar
Coordinator

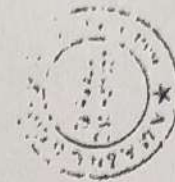
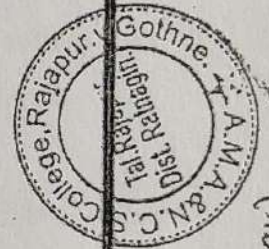
Hemant Akolkar
Coordinator
(Dr. H.N.AKOLKAR)

Mr. G. B. Pawar
Organizing Secretary

G. B. Pawar

Dr. P. G. Pawar
Principal

P. G. Pawar



Principal
A.M.A.&N.C.S.College
Rajapur, (V.Gothne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's
Abasaheb Marathe Arts and New Commerce, Science College
Rajapur, Dist: Ratnagiri, Maharashtra, India, PIN- 416702
NAAC Re-accredited 'B+' grade

Department of Chemistry
in association with
Royal Society of Chemistry- West India
Organized



Two Days National Workshop on
"Lecture Series for UG and PG (Chemistry) Students"

23rd and 24th March 2022

REPORT

Rayat Shikshan Sanstha's Abasaheb Marathe Arts and New Commerce, Science College situated in Rajapur Dist. Ratnagiri affiliated to University of Mumbai. Institute is well known, renowned and prestigious one and located in rural area. We focus on giving quality education to the needy, deprived and downtrodden students of rural and Konkan region.

The Department of Chemistry has organized the two day National Workshop on "Lecture Series for UG and PG (Chemistry) Students" on 23rd and 24th March 2022 in association with Royal Society of Chemistry and this lecture series was mile stone to the rural students. By listening the renowned resource person students were motivated and will try to achieve goals. For this workshop total **450** student and **29** teacher participants were registered from different institutes. This lecture series for UG and PG Chemistry Students was organized online on Zoom platform and YouTube live Streaming. The summary of the workshop is as follows:

- **Day-1: Wednesday, 23rd March 2022.**

Zoom Link of the day:	https://us02web.zoom.us/j/81955544006?pwd=S09CRVJsWmlUcWpVdGEvbGJnUjcydz09
YouTube link of the day	https://youtu.be/oJhzOtfAtf4

- **Inauguration (9.45 am to 10.00 am):** The compering of the programme was done by Dr. Kirti Mahanwar. Dr. Ghansham Harale, Incharge Principal of the college gave the introduction of the institute and Head of the Department Dr. Hemant Akolkar gave the welcome address.
- **Session I (10.00 am to 11.00 am):** Dr. Kulbhushan Sasane gave the introduction of the speaker of the session I **Prof. Dr. Suvarn Kulkarni**, Professor, Department of Chemistry, Indian Institute of Technology Bombay. Dr. Suvarn Kulkarni has

introduced the basic concepts of Stereochemistry and throw a light on projection formulae, CIP rule, enantiomeric and diastomeric relationship etc. He cleared all doubts of the students about concepts of stereochemistry. The question answer session followed by vote of thanks were done by Dr. Kulbhushan Sasane.

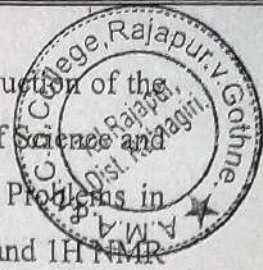


- **Session II (11.00 am to 12.00 pm):** Mr. Ganesh Pawar gave the introduction of the speaker of the session II **Dr. Rohit Singh Chauhan**, Assistant Professor, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai. Dr. Rohit Singh Chauhan has given the talk on electronic spectra of transition metal complexes. In his talk he explained the d-d transition, colouring transition elements, electron distribution in orbitals, L-S coupling, Term symbol and discussed the related problems. The question answer session followed by vote of thanks were done by Dr. Kirti Mahanwar.
- **Session III (12.00 pm to 01.00 pm):** Dr. Kirti Mahanwar gave the introduction of the speaker **Dr. Hemant Akolkar**, Head, Department of Chemistry, A. M. A. & N. C., S. College, Rajapur, Dist- Ratnagiri. Dr. Hemant Akolkar gave his talk on Problems in Stereochemistry. In his talk he solved the problems based on projection formulae, conformations of cyclohexane, optical activity etc. He solved the problems from CSIR, SET and Gate question papers. Vote of thanks done by Dr. Kirti Mahanwar.

• **Day-2: Thursday, 24th March 2022**

Zoom Link of the day:	https://us02web.zoom.us/j/85905784336?pwd=T1VZNXRBAVVIWXVKRHNTY2J1SVh4UT09
YouTube link of the day	https://youtu.be/r5-PHa23IA

- **Session I (10.00 am to 11.00 am):** Dr. Hemant Akolkar gave the introduction of the speaker of the session I **Prof. Dr. Rahul Maitra**, Assistant Professor, Department of Chemistry, Indian Institute of Technology Bombay. Dr. Rahul Maitra has introduced the basic concepts of Quantum Chemistry. In his talk he explained what is mean by quantum mechanics, double slit experiment, postulates of quantum mechanics, particle in square well potential, and their examples. He cleared all doubts of the students about concepts of quantum mechanics. The question answer session followed by vote of thanks were done by Dr. Kulbhushan Sasane.
- **Session II (11.00 am to 12.00 pm):** Dr. Kulbhushan Sasane awar gave the introduction of the speaker of the session II **Dr. Shankar Thopate**, Principal, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar. Dr. Shankar Thopate has delivered his talk on ¹H NMR spectroscopy. In his talk he explained the basic concepts of NMR spectroscopy, magnetic anisotropy, coupling constants, The question answer session followed by vote of thanks were done by Dr. Kulbhushan Sasane.



- o **Session III (12.00 pm to 01.00 pm):** Dr. Suhas Kamble gave the introduction of the speaker **Mr. Jaidip Wable**, Assistant Professor, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai. Mr. Jaidip Wable gave his talk on Problems in combined spectroscopy. In his talk he solved the problems based on IR and ¹H NMR etc. He solved the problems from CSIR, SET and Gate question papers. Vote of thanks done by Dr. Hemant Akolkar.

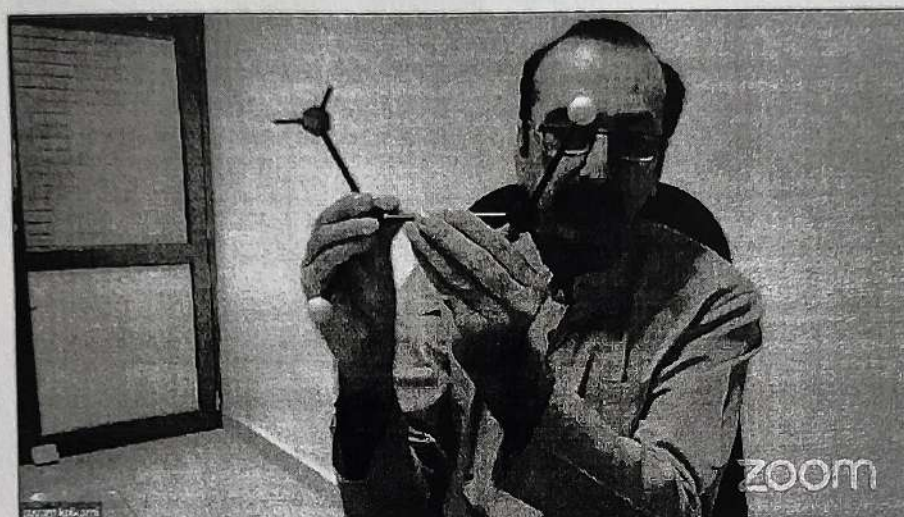
The information shared by all the speakers is inspiring for all the participants. Feedback was collected from the participants using Google form link. Once they submitted feedback participants received Certificate.

No. of Beneficiary for Day-1: 251

No. of Beneficiary for Day-2: 303

Feedback form link: <https://forms.gle/WzTESzLRDu9VqDZPA>

Day-1: Session I: Dr. Suvarn Kulkarni, IIT Bombay



Day-1: Session II: Dr. Rohit Singh Chauhan, K. J. S. S. C. College, Vidyavihar

Origin of Electronic spectra

$\log \frac{I_0}{I} = \epsilon \cdot c \cdot l$

A = absorbance
 ϵ = molar absorptivity ($L \cdot mol^{-1} \cdot cm^{-1}$) also known as molar extinction coefficient
 l = path length through solution (cm)
 c = concentration of absorbing species ($mol \cdot L^{-1}$)

Q. Match the following compound with their color:

Complex	Color	
a) $[Fe(NH_4)_2]^{2+}$	Red	Field Strength $NH_3 > H_2O > Cl$
b) $[Fe(H_2O)_6]^{2+}$	Blue	Orange
c) $[NiCl_4]^{2-}$	Yellow	Violet

Energy Order Violet > Green > Orange

Day-1: Session III: Dr. Hemant Akolkar, Abasaheb Marathe College, Rajapur

The most stable conformation of 2-fluoroethanol is

(a) *Intramolecular H-bonding. More stable.*

(b) *OH/OH*

(c) *eclipsed*

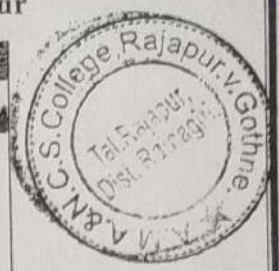
(d) *eclipsed*

OH/OH

NO₂/OH

OH/OH

20/07



Day-2: Session I: Dr. Rahul Maitra, IIT Bombay

Why Quantum Mechanics and What is it all about?

The Double slit experiment:

To study the interactions of electrons, photons and other microscopic particles,
→ Behavior of e^- s.

Intensity of sound is same. → particle property

→ Distribution of particles behaves like a wave.

20/07

Day-2: Session II: Dr. Shankar Thopate, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

External Magnetic Field

When placed in an external field, spinning protons act like bar magnets.

lower energy more stable

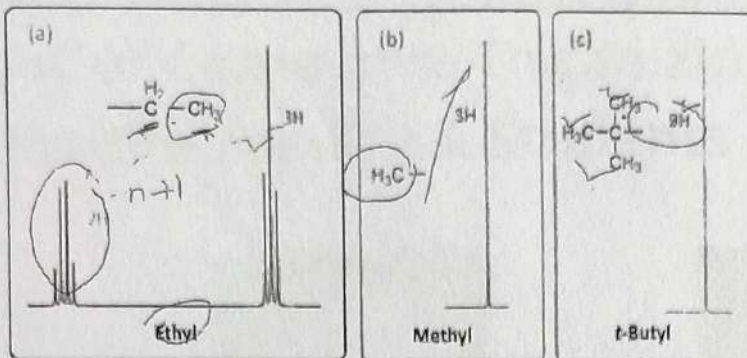
higher energy less stable

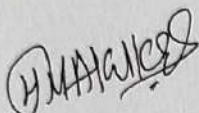
20/07

Day-2: Session III: Mr. Jaidip Wable, K. J. S. S. C. College, Vidyavihar

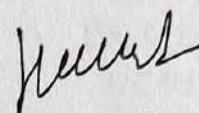
Common Splitting Patterns in NMR spectroscopy

Figure 1). ¹H NMR common splitting patterns in the aliphatic region (1 - 4 ppm)




Dr. Hemant Akolkar
Coordinator




Dr. Ghansham Harale
Incharge Principal



Estd. June 1994

Abasaheb Marathe Arts & New Commerce Science College, Rajapur

Ratnagiri - 416702 (Maharashtra)

"BEST COLLEGE AWARD" < UNIVERSITY OF MUMBAI, MUMBAI

National Webinar on Financial Education " Indian Capital Market & Wealth Management" Department of Commerce Organizing and Cordially Invited Faculty & Students to Join



Raghunandan Pattnaik
National Trainer - SF51
Resource Person & Financial Wizard



Convenor
Dr. A.V. Bhawe
HOD Commerce



Chairperson
Dr. G.D. Harale
I/C Principal

Virtual Program @ ZOOM

Event Date :-

11th May 2022 at 11 AM



E-Certificate

75
आज़ादी का
अमृत महोत्सव



AZADI KA AMRIT MAHOTSAV

Economy Market Inflation Investment

W
H E A L T H



Take a U-Turn if you hear offers of unrealistic

Guaranteed returns

Create wealth for Financial Needs in Future

RAYAT SHIKSHAN SANSTHA'S
ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE
COLLEGE,
RAJAPUR
COMMERCE ASSOCIATION
WEBINAR REPORT

Date :- 11th May 2022

Webinar Topic – ‘Financial Education on Indian Capital Market & Wealth Management’

Preamble –

A one day webinar on ‘Financial Education on Indian Capital Market & Wealth Management’ has been conducted on 11th May 2022 at Abasaheb Marathe Arts and New Commerce, Science College, Rajapur. This webinar has been conducted for analyzing Indian Capital Market & Wealth Management.

Participant Profile-


A total of 131 students were participated.

Description about the Program-

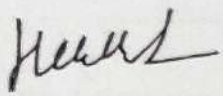
Dr. G.D. Harale, I/c Principal of the college as President threw light on the practical utility of organizing the webinar on such a concept of the Indian Capital Market & Wealth Management. He also briefly explained the Rayat Shikshan Sanstha, Satara.

Dr. Raghunandan Patnaik, a National Level Trainer, Mumbai delivered his presentation on the Financial Education on Indian Capital Market & Wealth Management. Dr. A. V. Bhave introduced the resource person and Mrs. M. A. Kamat expressed the vote of thanks.

The entire programme was co-ordinated with the support of Principal, staff and students of the Department of Commerce, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.


Co-ordinator




Principal
A. M. A. & N. C. S. College
Rajapur, Dist. Rajapur.

NEW Commerce Marathe Arts
RAYAT SHIKSHAN SANSTHA'S
ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE
COLLEGE, RATAPUR - Attendance List of Webinar

Sr. No	First Name	Last Name	Phone No.	Job Title
1	Atul	Bhave	7030457595	Assistant Professor
2	Saurabh	Manchekar	7030084096	None
3	Samruddhi	Devrukhakar	9373558133	No
4	Mandar	Kinare	9623239485	Banking industry
5	Hrutik	Mayekar	8788835114	No
6	Roshan	Sarvankar	9075628259	Student
7	Danish	Khan	7798617847	Banking and CA teacher
8	Mayur	Kayandekar	8459573733	Student
9	Dinesh	Ambolkar	9370583196	Banking
10	Nikhil	Jadhav	8767220943	Student
11	Muskan	Mujawar	8669527316	Teaching
12	Komal	Kashalkar	8380054566	Investor awareness program
13	Divya	Lingayat	7083046825	Students
14	Pritesh	Kadam	7066893045	Student
15	Shubhanka	Jathar	9404993640	Accounts Assistant
16	Sayali	Dixit	9137330750	College
17	Ashish	Shinde	9604344832	Admin Back office
18	Samidha	Bandivadekar	8329938797	Student
19	Sandhya	Tirlokhar	7767912119	M.com
20	Minal	Talawdekar	9665228964	No
21	Aqsa	Gawankar	9309841025	Students
22	Lina	Bhosale	9307712813	Student
23	Tejal	Shirgaonkar	9763954904	SY B.COM
24	Tejal	Dhumal	9322843730	S. Y. B. Com
25	Pooja	Sinkar	7066887990	Student
26	Sushmita	Dalvi	9403257727	Student
27	Purva	Bakalkar	9370738574	Student

Sr. No	First Name	Last Name	Phone No.	Job Title
28	Shital	Barge	9822861456	Assistant Professor in Commerce
29	Aarti	Shetye	9022343309	No
30	Prachi	Bawkar	9082006031	Student
31	Tanmay	Waghe	8308010368	Student
32	Kunali	Thaleshri	9604144293	Student
33	Shubham	Chavan	9764869188	Business
34	Sumit	Sodaye	9823505449	Accountant
35	Sonam	Yadav	9028564009	No
36	Sonal	Kurle	7350362855	Job- No
37	Sneha	Kurle	8446247468	Student
38	Kalyani	Masurkar	8275080839	Indian capital market
39	Vaibhavi	More	8329941765	Student
40	Sonali	Chorage	9307842401	Accountrs
41	Shraddha	Pise	8149576605	Students
42	Dipti	Bait	7820985574	No
43	Prathames	Aadam	9322129979	Data entry operator
44	Mohit	Vadake	8830038794	Graphic design
45	Shila	Shirsekar	9405887520	Students
46	Rupali	Chile	9359148956	Student
47	Pallavi	Lingayat	9420202761	Student
48	Namira	Mujawar	8830294240	No
49	Anjali	Shivalkar	9370153272	Student
50	Aatika	Bargir	7276994667	Student
51	Mahesh	Raut	8805421705	Bussiness
52	Akansha	Gawankar	9356556691	Students
53	Rutuja	Dandekar	9049921468	Student

Sr. No	First Name	Last Name	Phone No.	Job Title
54	Yogita	Patil	8080790945	No
55	Nutan	Sawant	9767960564	Student
56	Minal	Lanjekar	9322698339	Student
57	Trupti	Monde	9022526769	Student
58	Bandini	Manjarekar	7498137674	T. Y B. Com
59	Arsin	Malim	7391968598	T.Y B.com
60	Bandini	Manjarekar	7498137674	T. Y. B. Com
61	Aniket	Gondal	8275801895	No
62	Diksha	Jambhalkar	9284200979	Finance
63	Dattaprasa	Shinde	9021889973	Junior accountant
64	Shifa	Mukhari	8975513137	Fashion designer
65	Anjali	Dixit	7767823619	Admin , account assistant
66	Mayur	Tawde	9623016196	Student
67	Ali	Sagvekar	9067962421	Salesman in business department
68	Akshata	Bavkar	9730763281	No
69	Sayali	Padyar	8983955349	Student
70	Tanaya	Lanjekar	9322772212	Student
71	Komal	Tambe	9420327265	No
72	Atul	Guraw	8007849795	...
73	Akshata	Walekar	416702	Student
74	Nikita	Patayan	9673439332	Student
75	Mugdha	Kamat	7249461076	Assistant Professor
76	Abhishek	Patale	9284534259	Student
77	Yogita	Shinde	8010435898	No
78	Akash	Nakate	9022071450	Student
79	Rupali	Gurav	7666455321	Student

Sr. No	First Name	Last Name	Phone No.	Job Title
80	Guruprasa	Salvi	8010743447	Gov job
81	Dhiraj	Lingayat	7741833296	Government job
82	Akshay	Mayekar	9309881751	Studying m com 1st year
83	Farheen	Solkar	8208421073	Student
84	Hafiza	Majgaonkar	8010769154	Student
85	Aaliya	Solkar	9529945607	Student
86	Kajal	Gate	9021576043	Student
87	Meghanath	Kaneri	9021317502	No
88	Rasika	Lase	7796238865	Student
89	Rahul	Dudhavadkar	8275846359	Student
90	Hareesh	Ghadi	7620801529	B com
91	Nilima	Panchal	8668571548	Student
92	Payal	Gurav	8308916792	Student
93	Komal	Kotharkar	7972413694	Student
94	Pranali	Bavkar	7028321644	Student
95	Siddhi	Bhamat	9284452616	Student
96	Devadatta	Gavkar	9359963233	Yes
97	Nayan	Karshingkar	9325279749	Investor awerness program
98	Pratham	Karshingkar	9359051830	Investor Awareness Program
99	Saisiddhi	Amare	9022186797	Bank
100	Lochani	Salvi	9,209,803,460	Student
101	Rahul	Sogam	9325047370	Student
102	Gaurav	Sagvekar	8669253278	Office work
103	Manish	Shinde	8329057972	Student
104	Devayani	Gondal	8263014378	Indian capital market and wealth management
105	Prasiddhi	Arekar	7517269310	Student

Sr. No	First Name	Last Name	Phone No.	Job Title
106	Ayeshabi	Solkar	8208787649	Student
107	Pratiksha	Patil	7045992718	Student
108	Rupali	Lolage	7588049084	Student
109	Geetanjali	Hake	7420967070	Asst. Professor
110	Rajendra	Bawale	9503067606	Lecturer
111	Ruhi	Dudhawadkar.	8983671011	Student
112	Akash	Jadhav	9730777383	Student
113	Sukanya	Sutar	8408025247	Student
114	Shital	Joil	7498125983	Student
115	Ankita	Ambelkar	9373612985vb	na
116	Amrapali	Pawar	9373994537	No
117	Pooja	Raikar	8698898771	Marketing
118	Rashmi	Rane	8766582694	Marketing
119	PRATHAME	TALAWDEKAR	9325541648	Student
120	Mayuri	Chorage	7841027074	Student
121	Prathames	Agate	9022978760	Student
122	Akshay	Jadhav	9146222476	Student
123	Manasi	Manchekar	9067753914	No
124	Shifa	Dukka	8698398574	Student
125	Ruhma	Kazi	9049646261	Student
126	Chinmay	Tirlotkar	7588139430	Student
127	Prathames	Shivnekar	8369909406	Student
128	Sonali	Ghanekar	7875708045	Student
129	Prashant	Mestry	9209070550	Student
130	Shamal	Bandkar	9359167754	Student
131	Jihan	Solkar	7030807283	Student



I/c *Healy*
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Rayat Shikshan Sanstha's,
**Abasaheb Marathe Arts and New Commerce, Science
College, Rajapur, Dist-Ratnagiri**

Research Cell

Report 2021-22

The main objective of the Research cell is to promote and encourage the faculty members to carry out research in their field of interest by providing necessary facilities. The committee also encourage staff to publish their research works in reputed journals (UGC approved) that have good impact factor and are Scopus and web of science indexed.

During the academic year, Research cell has organized one day online workshop on 'Intellectual Property Rights and Indian Patent Filing' on 22nd September 2021. For this workshop Mr. S. B. Kumbhar, Assistant Professor, Dahiwadi College, Dahiwadi has delivered lecture on Intellectual Property Rights and Indian Patent Filing.

One major and one minor research project is ongoing of Dr. A. N. Chandore which is funded by DST-SERB and M/s Sociedade De Formento Ind. Pvt. Ltd. respectively.

During the academic year, 23 research papers were published in UGC-CARE listed journals by the faculty members. 07 students were participated in zonal level AVISHKAR research convention 2022 organized by University of Mumbai. For this competition students were guided by 04 mentor teachers.

Constant encouragement for Research cell is given by Principal Dr. P. G. Pawar, Incharge Principal DR. G. D. Harale and committee members were actively participated in the activities of Research cell.


Chairman

Research cell





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A.M.A. & N.C.S. College
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Rayat Shikshan Sanstha's,
**Abasaheb Marathe Arts and New Commerce, Science
College, Rajapur, Dist-Ratnagiri**

Research Cell

16th Intercollegiate Zonal level AVISHKAR research convention 2022

List of Students Participated

Sr. no.	Name of the student	Category of participation	Level
1.	Mr. Jathar Shubhankar Sanjay	Commerce, Management and Law	PG
2.	Ms. Kinnake Vaishnavi D.	Pure Science	UG
3.	Ms. Shaikh Simran Imtiyaz	Pure Science	UG
4.	Ms. Dhuri Amisha Harishchandra	Pure Science	PG
5.	Ms. Tukarul Arati Jayram	Pure Science	UG
6.	Ms. Surve Rupali Krushnakant	Agriculture and Animal Husbandry	UG
7.	Ms. Kazi Ambar Barkatali	Agriculture and Animal Husbandry	UG

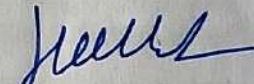
Mentor Teachers

Sr. no.	Name of the Teachers	Category of participation	Level
1	Dr. Hemantkumar Navnath Akolkar	Medicine and Pharmacy	UG
2	Dr. Atul Vijay Bhave	Commerce, Management and Law	PG
3	Dr. Kulbhushan Ashru Sasane	Pure Science	UG
4	Mr. G. B. Pawar	Agriculture and Animal Husbandry	UG


Chairman

Research cell




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Research Cell

List of Research Publication 2021-22

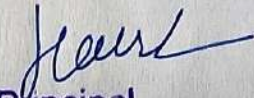
Sr. No.	Name of Author	Title of the Paper, Journal name, Year, Vol., Page number.
1.	Dr. H. N. Akolkar	SYNTHESIS AND ANTIBACTERIAL SCREENING OF IMIDAZOLE ANCHORED PYRAZOLINES, BENZODIAZEPINES AND CHROMONES, <i>Heterocyclic letters</i> , 2022, 12 (2), 281-293.
2.		Design, synthesis and characterization of novel fluorinated styryl chromones, <i>Indian Journal of Chemistry (IJC)</i> , 2022, 61 (2), 225-228
3.		Synthesis and Biological Evaluation of 2-(4,5,6,7-Tetrahydrobenzo[c]isoxazol-3-yl)-4H-Chromen-4-Ones, <i>Polycyclic Aromatic Compounds</i> , 2021, 1-15. https://doi.org/10.1080/10406638.2021.1982733
4.		Synthesis and Biological Screening of Some New 5,7-dihydro-4H-thieno[2,3-c]pyran-3-yl containing 1,2,4-Triazoles, 1,3,4-Oxadiazoles, and 1,3-Thiazoles, <i>Indian Journal of Heterocyclic Chemistry</i> , 2021, 31(2), 177-182.
5.	Dr. G. D. Harale	Study of Inconvenience Analysis of Fisher women in Ratnagiri District, <i>SANSHODHAK</i> , 2022, 3, 454-459
6.		An Overview of analysis of Wooden Toys Industry of Sawantwadi (Sindhudurg District), <i>SANSHODHAK</i> , 2022, 3, 469-473
7.	Dr. A. V. Bhawe	A study of Investment Awareness among the Investors in the Konkan Region, <i>Ayushi International Interdisciplinary Research Journal</i> , 2021, 8(10), 26-35.
8.		An analytical study of the small equity investors in the South Konkan Region, <i>Online International Interdisciplinary Research Journal</i> , 2021, 11(6), 21-28.
9.	Dr. P. J. Hajare	PROBLEMS OF TOURISM DEVELOPMENT IN RAIGAD DISTRICT OF MAHARASHTRA, <i>International journal of Advance & Applied Research</i> , 2022, 9(4), 372-380.
10.	Dr. K. A. Sasane	Efficient, microwave assisted synthesis of 4-(Substituted Fluoro-Phenyl)-Substituted-6H-1-Thia-5, 7, 8, 9a -Tetraazacyclopenta[E]Azulenes And Their microbial activity, <i>International Journal of Biology, Pharmacy And Allied Sciences</i> , 2021, 10(12), 434-444.
11.		Microwave Irradiated Efficient Synthesis Of Substituted 1H-1,2,4-Triazol-3 Substituted Carboxylic Acid And Their Schiff Bases And Comparative Study Of Their Antimicrobial Activities, <i>BULLETIN OF ENVIRONMENT PHARMACOLOGY AND LIFE SCIENCES</i> , 2021, 11,
12.	Dr. S. K. Kamble & Dr. B. A. Sonar	Impact of Foliar Spray of Plant Extract Formulation on Rust Disease of Bean and Their Photosynthetic Pigments, <i>International Journal of All Research Education and Scientific Methods</i> , 2022, 10(2), 545-550.

13.	Dr. S. R. Mestry	वसंत नरहरी फेजे यांच्या "आत्मा आणि कात" या कथेचे मानसशास्त्रीय आकलन, आमची श्रीवानी, 2021, 28(3), 110-113.
14.	Mr. G. B. Pawar	Karyomorphological Studies on Two Species of Diospyros (Ebenaceae) from India, <i>Cytologia</i> , 2021, 86(3), 221-223.
15.		Additional distribution records of <i>Ceropegia anjanerica</i> , an endemic and 'Endangered' lantern flower of the northern Western Ghats, India, <i>Journal of Threatened Taxa</i> , 2021, 3(12), 19874-19877
16.	Mr. H. S. Pawar	हिंदी उपन्यासो मे चित्रित आदिवासी जीवन संघर्ष, <i>Sanshodhak</i> , 2022, 3, 318-323.
17.	Mr. Vijay Deokar	गोडसे गांधी, कॉम नाटक की रंगमंचीयता, <i>Sanshodhak</i> , 2022, 3, 310-313.
18.	Ms. S. K. Barge	Changing Educational Policy after Indian Independence, <i>Sanshodhak</i> , 2022, 3, 399-401.
19.		Child Labor: A Study of Laws and their Enforcement in the Context of Child Labor in India, <i>Genius</i> , 2022, X(II), 70-74.
20.		Women's security and Indian democracy, <i>Genius</i> , 2022, X(II), 75-79.
21.		A study of present and future prospects of agriculture production in India, <i>International Journal of Advance and Applied Research</i> , 2022, 2(5), 81-83.
22.	Ms. M. A. Kamat	Opportunities for reverse migrants in rural area sp. ref. to coconut production in Sindhudurg district, B.Aadhar, 2021, 308, 175-186.
23.	Ms. K. P. Amkar	Review of Ethnofloristic diversity of Kharepatan village, Sindhudurg, <i>Research Journal of Life sciences, Bioinformatics, Pharmaceutical and Chemical Sciences</i> , 2022, sp. issue, 69-80.


Chairman

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