

Rayat Shikshan Sanstha's
Balwant College, Vita
One Page Report



Department:	Department of Physics in collaboration with IQAC	
Title of Program:	One day workshop on Intellectual property rights (IPR) and Patent filing.	
Online youtube link	https://youtu.be/lSaNQa_UnZU?si=cPb9g9Qn3XmWqOOe	
Day :Monday	Date:24/07/2023	Time: 11 am
Synopsis(75-100 words)		
<p>Department of Physics in collaboration with IQAC organized one day state level workshop titled "Intellectual Property Rights (IPR) and Patent filing" on 24th July 2023 (Monday). This workshop was organized under functional MoU with D. Y. Patil Education Society (Deemed to be University) Kolhapur, Maharashtra, India. Eminent Scientist Prof. (Dr.) C. D. Lokhande, Dean and Research Director, D. Y. Patil Education Society, Kolhapur was a resource person. Prof. (Dr.) R. S. Patil, Coordinator, DYP School of Allied health Sciences, D. Y. Patil Education Society Kolhapur was the chief guest. Workshop was inaugurated by offering floral tribute to Photo of Padmbhushan Dr. Karmveer Bhaurao Patil and Laxmibai Patil. Dr. Vanita Raut, Coordinator of workshop gave welcome Address. After felicitation, Prof. (Dr.) C. R. Bobade, Convenor of workshop, did Prologue of program. He discussed objectives of program and reported various highlights of the department. Prof. (Dr.) C. D. Lokhande guided regarding IPR and Patent filing. He discussed types of IPR as intellectual property and copy rights and related rights, approaches for protection of IPR, what is patent, types of patents etc. He Explained steps in drafting and filing patent. He discussed complete patenting process. His lecture was followed by question answer session. He also enlightened participants about Copyright. He throughly discussed. One of the faculties, shared positive feedback about workshop. Presidential remarks were given by Hon. Principal Dr. R. S. More. He took review of entire workshop. Dr. Shreya Patil, IQAC coordinator, Balwant College, Vita proposed vote of thanks. Dr. Priyanka shinde did anchoring of program. The technical side was handled by Mr. Dinesh Dhongade. Teaching faculties and students from B.Sc. II, B.Sc. III and M.Sc. I were benefited by workshop (Total: <u>97</u>) This program was conducted under guidance of Hon. Principal Dr. R. S. More, IQAC committee and with teamwork of Physics department. (Beneficiaries:- 97)</p>		

Objectives	Outcomes
1.To aware participants regarding idea of patent, patent filing and drafting process, copyright.	1. Participants were get well acquainted with patent filing & drafting process.
2. To aware participants regarding copyright.	2. Participants get motivated to put forth innovative ideas in form of patent and copyright.

Geotag Images:



[Signature]

Dr. Vanita Raut
Coordinator

[Signature]

Head
Department of Physics
Balwant College, Vita

[Signature]

PRINCIPAL
Balwant College Vita
Dist-Sangli



Rayat Shikshan Sanstha's
Balwant College Vita
Department of Physics in collaboration with IQAC
Organize
One day State Level Workshop

Under functional MoU with D. Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"INTELLECTUAL PROPERTY RIGHTS (IPR) AND PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

❖ Inauguration	By Dignitaries on dias (offering floral tribute to Photo of Padmbhushan Dr. Karmveer Bhaurao Patil and Laxmibai Patil)
❖ Welcome Address	Dr. Ms. V. S. Raut Coordinator Associate Professor, Department of Physics, Balwant College Vita
❖ Felicitation	All Dignitaries
❖ Introductory Remarks	Prof. (Dr.) C. R. Bobade, Convener Professor and Head, Department of Physics, Balwant College Vita
❖ Session : Resource Person	Prof. (Dr.) C. D. Lokhande Dean and Research Director, D. Y. Patil Education Society (Deemed to be University) Kolhapur, Maharashtra Topic: - "IPR and Patent filing"
❖ Chief Guest Guidance	Prof. (Dr.) R. S. Patil Coordinator, DYP School of Allied health Sciences, D. Y. Patil Education Society (Deemed to be University) Kolhapur Kolhapur
❖ Presidential Remark	Dr. R. S. More, Principal, Balwant College Vita
❖ Vote of thanks	Mr. D. K. Dhongade, Organizing Secretary Assistant Professor, Department of Physics, Balwant College Vita.
❖ Compeering	Dr. Ms. P. S. Shinde Co-Coordinator Assistant Professor, Department of Physics, Balwant College Vita



Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC

Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

Attendance (Faculty)

Sr.No	Name of Participant	Faculty/Student	Signature
1.	Prof. Dr. C.R. Bobade	Faculty	
2	Deekate D T	—	
3	Dr. A. B. Tapare	—	
4	Prof. Dr. Dinesh Waghmare	—	
5	Dr. Jahangir A. Mulani	—	
6	Mr. Buddhanavar S.S.	—	
7	Dr. Bajrang Balaso pati	Faculty	
8.	Mr. Rahul J. Patil	—	
9.	Mr. Netaji M. Patil	—	
10	Mr. Mahesh B. Pawar	Faculty	
11	Dr. Rohit N. Mane	Faculty	
12	Dr. Annasaheb M. Suryawanshi	Faculty	
13	Mr. Garkwad V. N.	Faculty	
14	Mr. Jagtap Nitin Mazate	Faculty	
15	Khade Anandras Tukaram	Faculty	
16	Jadhav S.M.	Faculty	
17	Mr. Nikam Pradeep Hanmant	Faculty	
18	Mr. Jamadar Ferozkhan Imam	Faculty	
19	Gimawekar Shrikant Vithal	Faculty	
20	Mr. Jadhav Ajay vilas	Faculty	
21.	Mr. Prasad Ashok Gavali	Faculty	
72*	Dhalait saniya Sikandar	student.	
73*	Jadhav Pratiksha suresh	student.	
74*	Yadav Saizita Yuvaraj	student.	
75	Dr. Mrs. P. S. Shinde	Faculty	
76	Dr. V. S. Raut	Faculty	

Total Beneficiaries:- faculty + students
21 + 76 = 97

* - Student





Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC

Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

Attendance (Students)

Sr.No	Name of Participant	Faculty/Student	Signature
1]	Sojwal Ramchandra Deshmukh	Student	
2]	Suyog Tukaram Jagtap	Student	
3]	Santosh Anil Dhanvade	student	
4]	Rushikesh Mahendra Dhende	Student.	
5]	Pratik Tatvasheb Khade	student	
6]	Pritam Devanand Nikam	Student	
7]	Yash sunil sarak	student	
8]	Sudashan Jagannath Lohar	student	
9]	Sandesh Bhausa Jadhar	Student	
10]	Pratik Nannath Mohite	student	
11]	Aniket Suresh mali	student	
12]	Saurabh Sanjay Ghadage	student	
13]	omkar shankar Nikam	student	
14]	Alekishek Sampat Lkhadge	student	
15]	Rutik Mohan Kumbhar	Student	
16]	Khade somnath Tanaji	student	
17]	KAVADE ROHAN DATTATRAY	STUDENT	
18]	Patil Chandrabas Nandkumar	Student	
19]	Mayur Mohan more	Student	
20]	Jaydeep Babusa more	Student	
21]	Thorat Vishal Sampat	Student	
22]	VIAJ Anil chavase	student	
23]	Vishramti Madhukar Mame	Student	



Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC

Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

Attendance

Sr.No	Name of Participant	Faculty/Student	Signature
24)	Misal Komal Pandurang	Student	<u>Misal</u>
25)	Yamgar Aarti Shrikrushna	Student	<u>A.S. Yamgar</u>
26)	Kale Mayuri Gorakh	Student	<u>M.Kale</u>
27)	Pusavale Shreya Chandrikani	Student	<u>Shreya</u>
28)	Patil Sakshi Hanmant	Student	<u>S.H. Patil</u>
29)	Pukale Renuka Madhukar	Student	<u>R.M. Pukale</u>
30)	Chavhan Sheushtika Hanamant	Student	<u>Sheushtika</u>
31)	Mane Anuja Jagannath	Student	<u>Anura</u>
32)	Kharat Suchita Annasa	Student	<u>Suchita</u>
33)	Vibhute Sakshi Pradip	Student	<u>Sakshi</u>
34)	Jagtap Sakshi Rahul	Student	<u>Sakshi</u>
35)	Kamble Pradnya Balaso	Student	<u>Pradnya</u>
36)	Jagdale Riya Vasant	Student	<u>R. Jagdale</u>
37)	Kadam Supriya Sanjay	Student	<u>Kadam S.S.</u>
38)	Ghutukad Supriya Nandkumar	Student	<u>Supriya</u>
39)	Mahadik Sakshi Gajendra	Student	<u>Sakshi</u>
40)	Chavan Tanuja Hanmant	Student	<u>Tanuja</u>
41)	Kamble Ravina Pandharinath	Student	<u>R.Kamble</u>
42)	Kashid Snehal Bajrang	Student	<u>Snehal</u>
43)	Kadam Nikita Nazendra	Student	<u>Nikita</u>
44)	Kumbhar Vaishnavi Dinesh	Student	<u>Vaishnavi</u>
45)	Jadhav Prajakta Gunji	Student	<u>P.S. Jadhav</u>
46)	Payal Vikas Mahajan	Student	<u>Payal</u>
47)	Pawar Vishakha Vishwas	Student	<u>Pawar V.V.</u>





Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC

Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

Attendance

Sr.No	Name of Participant	Faculty/Student	Signature
48]	Madane Pratiksha sadashiv	student	Madane
49]	Pawar Aishwarya vilas	Student	Pawar
50]	Pawar Vaishnavi Subhash	student	Pawar
51]	Kadam Arpita Ganesh	student	Kadam
52]	Yadav Swetha Dadaso	Student	S.D. Yadav
53]	Mali vaishnavi Anandrao	student	Mali
54]	Mohite Tanvi Subhash	student	Mohite
55]	Shinde snehal sahebrao	student	Shinde
56]	phadtare yashshri rajendra	Student	Yashu
57]	Patil Rajal Ramchandra	Student	Patil
58]	Yadav Sanika Rajendra	Student	Yadav
59]	Pise vaishnavi Prakash	student	Pise
60]	Bagsiraj Sadaf Shahagazali	student	Bagsiraj
61]	Babor sneha Tushar	Student	S.T. Babor
62]	Shinde Jyotsna Sunil	student	Shinde
63]	Gavali Shivani Sharad	Student	Gavali
64]	Sutar Vaishnavi Gajanan	Student	Sutar
65]	Tamboli Madiha Liyakat	Student	Tamboli
66]	Ghadage Roshani Shivaji	student	Ghadage
67]	Ghadage shivani Dhanaji	student	Ghadage
68]	Patil Sonali sunil	student	Patil
69]	Jagtap Pooja Sahebrao	student	Jagtap
70]	Shinde Pratiksha kumar	student	Shinde
71]	Dabade sanika Siddhanath	student	Dabade



"Education through self-help is our motto" - Karmaveer

RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

बळवंत कॉलेज, विटा

A/p- VITA -Tal.Khanapur, Dist. Sangli (M.S.) PIN- 415311

(Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR)

☎ : (02347) Office : 299303
Resi. : 272096

Website : www.balwantcollege.edu.in
E-mail : balwantcollege_7207@yahoo.com

FOUNDER : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

■ **PRINCIPAL :**
Dr. More R.S.
M.A., M.Phil., Ph.D.

■ **NAAC : GRADE - A**
COPA -3-11

■ **DST-FIST Funded**
College

■ **RUSA Funded**
College

■ **ISO. 9001:2015**
Certified

■ **Govt. Approval No.-**
Sr.- UKF.1563,
Dt.11-09-1963

■ **ZP Sangli C-11**
H.S.C. Code No. :
J 22.05.001

■ **Govt. Approval No.**
Jr.- HSC/1077/
64250/XX.XXI,
Dt.15-04-1977

Ref. No. 400/23.24

Date : 21.07.2023

To,

Hon. Prof. (Dr.) C. D. Lokhande
Dean and Research Director,
D. Y. Patil Education Society
(Deemed to be University) Kolhapur,
Maharashtra, India.

Sub: Invitation as a resource person to one day state level
workshop organized under functional MoU.

Respected Sir,

It gives me an immense pleasure to announce that, Department of
Physics in Collaboration with Internal quality assurance cell going to
organize one day state level workshop titled "IPR and Patent filing" dated
on 24th July 2023 (Monday). We are glad to invite you as a **Resource Person**.
Please give your consent regarding the same.

Thanking you.

Yours faithfully

PRINCIPAL
Balwant College Vita
Dist-Sangli



Scanned with OKEN Scanner



"Education through self-help is our motto" - Karmaveer

RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

बळवंत कॉलेज, विटा

A/p- VITA -Tal.Khanapur, Dist. Sangli (M.S.) PIN- 415311

(Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR)

☎ : (02347) Office : 299303

Resi. : 272096

Website : www.balwantcollege.edu.in

E-mail : balwantcollege_7207@yahoo.com

FOUNDER : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

■ **PRINCIPAL :**

Dr. More R.S.

M.A., M.Phil., Ph.D.

■ **NAAC : GRADE - A**

CGPA -3-11

■ **DST-FIST Funded**

College

■ **RUSA Funded**

College

■ **ISO. 9001:2015**

Certified

■ **Govt. Approval No.-**

Sr.- UKF.1563,

Dt.11-09-1963

■ **GP Sangli C-11**

H.S.C. Code No. :

J 22.05.001

■ **Govt. Approval No.**

Jr.- HSC/1077/

64250/XX.XXI,

Dt.15-04-1977

Ref. No. 408/23.24

Date : 24.07.2023

To,

Hon. Prof. (Dr.) C. D. Lokhande

Dean and Research Director,

D. Y. Patil Education Society

(Deemed to be University) Kolhapur,

Maharashtra, India.

Sub: Letter of Appreciation.

Respected Sir,

I am very indebted for your time and active contribution during one day state level workshop organized under functional MoU by Department of Physics in Collaboration with Internal quality assurance cell dated 24th July 2023. I am extremely grateful for accepting our invitation and enlightening participants regarding **Intellectual Property Rights (IPR) and Patent filing.**

Thanking you.

Yours faithfully

PRINCIPAL

Balwant College Vita

Dist-Sangli



Scanned with OKEN Scanner



"Education through self-help is our motto" - Karmaveer

RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

बळवंत कॉलेज, विटा

A/p- VITA -Tal.Khanapur, Dist. Sangli (M.S.) PIN- 415311

(Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR)

☎ : (02347) Office : 299303

Resi. : 272096

Website : www.balwantcollege.edu.in

E-mail : balwantcollege_7207@yahoo.com

FOUNDER : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

■ **PRINCIPAL :**

Dr. More R.S.

M.A., M.Phil., Ph.D.

Ref. No. 400/23.24

Date : 21.07.2023

To,

Hon. Prof. (Dr.) R. S. Patil,

Coordinator,

DYP School of Allied health Sciences

D. Y. Patil Education Society

(Deemed to be University) Kolhapur,

Maharashtra, India.

■ **NAAC : GRADE - A**
CGPA -3.11

■ **DST-FIST Funded**
College

■ **RUSA Funded**
College

■ **ISO: 9001:2015**
Certified

■ **Govt. Approval No.-**
Sr.- UKF.1563,
Dt.11-09-1963

■ **ZP Sangli C-11**
H.S.C. Code No. :
J 22.05.001

■ **Govt. Approval No.**
Jr.- HSC/1077/
64250/XX.XXI,
Dt.15-04-1977

Sub: Invitation as a **Chief Guest** to one day state level
workshop organized under functional MoU.

Respected Sir,

It gives me an immense pleasure to announce that, Department of
Physics in Collaboration with Internal quality assurance cell going to
organize one day state level workshop titled "**IPR and Patent filing**" dated
on 24th July 2023 (Monday). We are glad to invite you as a **Chief Guest**.
Please give your consent regarding the same.

Thanking you.

Yours faithfully

PRINCIPAL

Balwant College Vita
Dist-Sangli

Received
24.7.23



Scanned with OKEN Scanner



"Education through self-help is our motto" - Karmaveer
RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

बळवंत कॉलेज, विटा

A/p- VITA -Tal.Khanapur, Dist. Sangli (M.S.) PIN- 415311
(Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR)

☎ : (02347) Office : 299303
Resi. : 272096

Website : www.balwantcollege.edu.in
E-mail : balwantcollege_7207@yahoo.com

FOUNDER : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

PRINCIPAL :
Dr. More R.S.
M.A., M.Phil., Ph.D.

Ref. No. 408/23-24

Date : 24-07-2023

To,

Hon. Prof. (Dr.) R. S. Patil,
Coordinator,
DYP School of Allied health Sciences
D. Y. Patil Education Society
(Deemed to be University) Kolhapur,
Maharashtra, India.

NAAC : GRADE - A
CGPA -3-11

DST-FIST Funded
College

RUSA Funded
College

ISO-9001:2015
Certified

Govt. Approval No.-
Sr.- UKF.1563,
Dt.11-09-1963

ZP Sangli C-11
H.S.C. Code No. :
J 22.05.001

Govt. Approval No.
Jr.- HSC/1077/
64250/XX.XXI,
Dt.15-04-1977

Sub: Letter of Appreciation.

Respected Sir,

I am deeply grateful for your presence and the valuable insights you shared with us during one day state level workshop organized under functional MoU by Department of Physics in Collaboration with Internal quality assurance cell on 24th July 2023. Your kind presence as a chief guest encouraged us a lot. I am extremely thankful for accepting our invitation and enlightening participants.

Thanking you.

Yours faithfully

PRINCIPAL
Balwant College Vita
Dist-Sangli





Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC
Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"

Date: 24/07/2023 (Monday)

Time: 11.30 am

Feedback Form

- ❖ Name of Participant Ms. Amruta Bhausaheb Hasabe
- ❖ Name of College/Institution/University Balwant college, Vita.
- ❖ Designation: Assl. prof.
- ❖ Mobile No and E-mail: 9096568265 amruta.hasabe@15@gmail.com
- ❖ What was your primary goal in attending this workshop?

Gaining more knowledge on the subject matter

☒

Networking

☐

New product/ service discovery

☐

Other

☐

Please tick your response

Sr. No.	Question	Excellent	Very Good	Good	Average
1.	Registration	<input checked="" type="checkbox"/>			
2.	Application of updated information	<input checked="" type="checkbox"/>			
3.	Speaker	<input checked="" type="checkbox"/>			
4.	Theme of Workshop	<input checked="" type="checkbox"/>			
5.	Hospitality	<input checked="" type="checkbox"/>			
6.	Overall rating for this Workshop	<input checked="" type="checkbox"/>			

- ❖ What aspect of this workshop did like most? clear explanation: related to IPR & patent Filing.
- ❖ Would you like to attend such a kind of workshop in future: Yes / No Yes
- ❖ Suggestions if any: No

Signature of Participant

(Amruta Hasabe)





Rayat Shikshan Sanstha's
Balwant College, Vita
Tal: Khanapur, Dist: Sangli - 415311.



Department of Physics in collaboration with IQAC

Organize

One Day State Level Workshop

Under functional MoU with D.Y. Patil Education Society
(Deemed to be University) Kolhapur, Maharashtra, India

On

"IPR & PATENT FILING"



Date: 24/07/2023 (Monday)

Time: 11.30 am

Feedback Form

- ❖ Name of Participant DR. Pradnya B. Nikam.
- ❖ Name of College/Institution/University Balwant college vita,
- ❖ Designation: Assistant professor CHB (PhD. set)
- ❖ Mobile No and E-mail: 8457931825

❖ What was your primary goal in attending this workshop?

Gaining more knowledge on the subject matter

☒

Networking

☒

New product/ service discovery

☒

Other

☒

Please tick your response

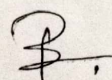
Sr. No.	Question	Excellent	Very Good	Good	Average
1.	Registration	<input checked="" type="checkbox"/>			
2.	Application of updated information	<input checked="" type="checkbox"/>			
3.	Speaker	<input checked="" type="checkbox"/>			
4.	Theme of Workshop	<input checked="" type="checkbox"/>			
5.	Hospitality	<input checked="" type="checkbox"/>			
6.	Overall rating for this Workshop	<input checked="" type="checkbox"/>			

❖ What aspect of this workshop did like most? PPT Presentation on copyright.

❖ Would you like to attend such a kind of workshop in future: Yes / No

Yes

❖ Suggestions if any: —


Signature of Participant


(DR. Pradnya Nikam)



Biodata

Personal Information:



Name	Prof. Chandrakant Dnyandev Lokhande		
Designation	[M.Sc, Ph.D, F.M.A.Sc, F.InstP(London)] Dean and Research Director, D.Y. Patil Education Society, Kolhapur <ul style="list-style-type: none"> Former Head, Department of Physics, Shivaji University Kolhapur Former Coordinator, International Cooperation Cell, Shivaji University Kolhapur 		
			
Institution Address	D Y Patil Education Society (Deemed to be University) Kasaba Bawada, Kolhapur 416006		
Contact Details	Tel (Office): +91-231-2601235 Mobile: +91 9765788816 Fax: 00910231-2691533 E-mail: I_chandrakant@yahoo.com , chandrakantlokhande5@gmail.com		
Date of Birth	Gender	Category	Differently Abled
01/06/1956	Male	Open	No

Academic Qualification:

Degree	Year	Subject	University/Institution	Division/Class
B.Sc.	1978	Physics	Shivaji University, Kolhapur	First Class
M.Sc.	1980	Physics	Shivaji University, Kolhapur	First Class
Ph.D.	1984	Physics	Shivaji University, Kolhapur	First Class

Ph.D. Thesis:

Title	Studies on Electrochemical Photovoltaic Cells formed with CdS:Al Films
Guide	Prof. S H Pawar
Institute/University	Shivaji University, Kolhapur
Year of Award	1984

Work Experience:

Sr. No.	Name of the College/University/Institute	Duration of Teaching	Duration of Research
1	Lecturer, Shivaji University	1987 to 1996	1996 to 1996
2	Reader, Shivaji University	1996 to 2006	2006 to 2008
3	Professor, Shivaji University	2008 to 2016	2016 to Onwards
4	Research Director and Professor	2016 to Onwards	2016 to Onwards

Experience in the field of Higher Education in Teaching & Research:

Sr No.	Name of Institution/University	Designation	Year	Nature of Work
1	Dept. of Materials Science, Weizmann Institute of Science, Rehovot, 76100 (Israel)	Post-Doctoral Fellow with Prof. G Hodes	11/01/1985 to 30/06/1986	Cu In Chalcogenide thin films
2	Central Electrochemical Research Inst. Karaikudi 623 006 (TN) India	Pool Officer	02/08/1986 to 15/04/1987	Electrochemical materials
3	Regional Research Lab. Bhopal. India	Visiting Associatship with Prof. Navin Chandra	01/05/1994 to 30/06/1994	Semiconductor thin films
4	Hahn Meitner Research Inst. Berlin, Germany	Alexander von Humboldt fellow with Prof. H Tributsch	01/07/1996 to 31/01/1998	Thin film solar cells
5	Hahn Meitner Research Inst. Berlin, Germany	Alexander von Humboldt fellow with Prof. H Tributsch	01/10/1998 to 31/10/1998	Thin film solar cells
6	Hahn Meitner Research Inst. Berlin, Germany	Alexander von Humboldt fellow	01/05/2000 to 30/09/2000	Thin film solar cells
7	Hahn Meitner Research Inst. Berlin, Germany	Alexander von Humboldt fellow	01/06/2001 to 31/10/2001	Thin film solar cells
8	Korea Inst of Technology, (KIST) Seoul, Korea	Brain pool fellow with Dr. Oh-Shim Joo	11/06/2003 to 10/06/2004 to 19/01/2009	Supercapacitors
9	Hanyang University, Seoul, Korea	Visiting Professor with Prof. S-H Han	01/05/2006 to 31/10/2006	P.G. teaching

Professional Recognition/Award/Prize/Certificate, Fellowship received by the applicant:

Sr. No.	Name of Award	Awarding Agency	Year
1	SERB-TETRA, Science and Engineering Research Board, Government of India, New Delhi	(DST-SERB, India)	2021
2	VIDNYANACHARYA, D. Y. Patil Education Society (Institution Deemed to be University) Kolhapur	D. Y. Patil Education Society, Kolhapur	2021-2023
3	Brand Kolhapur award	Kolhapur	2020
4	Member on COURT of Banaras Hindu University, Varanasi	Nominated by Hon. President, Govt of India	2017-2020
5	Scientific Advisor to patent office	Govt of India	2019 onwards
6	Fellow, Maharashtra Academy of Sciences	Maharashtra Academy of Sciences	2012
7	Member, Research project evaluation and recommendation committee	UGC, New Delhi	2012
8	Expert member, DST Committee on Hydrogen production	(DST, India)	2012
9	Distinguished visiting professor in polymer chemistry	Institute of Chemical Technology, Mumbai	2012
10	Best teacher award 2010, Shivaji University	Shivaji University	2010
11	Rajya Sikshak Purshakar-2009, Govt of Maharashtra	Govt of Maharashtra	2009
12	Visiting Scientist: Brain Pool programme, South Korea	South Korea	2003-04, 2008-09
13	Alexander Von-Humboldt Fellowship: Germany	Germany	1996-1998, 1998, 2000, 2001
14	Visiting Professor: Hanyang University, South Korea	South Korea	2006
15	Research Associateship: Japan	Kwansei Gakuin University, Japan	1994
16	Post-Doctoral Fellowship: The Weizmann Institute of Science, Israel	Weizmann Institute of Science, Israel	1984-86
17	Research Associateship: University of Carbondale, U.S.A.	University of Carbondale, U.S.A.	1986
18	Visiting Scientist: Indo-Polish Culture Exchange Programme, Poland	Indo-Polish Culture Exchange Programme, Poland	1991-92
19	Visiting Associateship: (CSIR, India)	(CSIR, India)	1994-97
20	Visiting Fellow: (DST, India)	(DST, India)	1994-95
21	Visiting Fellow: Indian National Science Association, (INSA)	Indian National Science Association, (INSA)	1993-94
22	Fellow: Institute of Physics, London	Institute of Physics, London	2003

Patents:

Patents		Count		
Indian (Accepted)		50		
Korea (Accepted)		8		
Applied (Indian)		15		
Sr. No.	Patent Title	Name of Applicant	Patent No	Country
1	An improved process for the electrolytic deposition of copper indium alloy.	C D Lokhande and others	166308/MUM/1987	India
2	A simple method for the preparation of large area semiconductor thin films.	C D Lokhande and others	164202/MUM/1987	India
3	A process for the deposition of indium selenide compounds from an aqueous bath on metallic substrates.	C D Lokhande and others	1702481/MUM/1990	India
4	A solution growth method for preparation of group V-VI compounds thin films.	C D Lokhande and others	170249/MUM/1990	India
5	Chemical bath deposition method tin disulfide thin films.	C D Lokhande and others	172676/MUM/1991	India
6	A process for the deposition of Samarium thin films from an aqueous bath.	C D Lokhande and others	172674 /MUM/1990	India
7	A process for deposition of Bi ₂ Se ₃ and Sb ₂ Se ₃ thin films from an aqueous bath.	C D Lokhande and others	193449/MUM/2004	India
8	A process for forming chemically deposited Bismuth selenide layers.	C D Lokhande and others	1920086/MUM/2004	
9	A chemical method for the preparation of Bi ₂ S ₃ and Sb ₂ S ₃ thin films on glass substrates.	C D Lokhande and others	2004 267/MUM/1999	India
10	A chemical method for the deposition of CuInS ₂ , CuInSe ₂ and CuInTe ₂ thin films.	C D Lokhande and others	506/MUM/2003	India
11	Chemical synthesis of polythiophene thin film for supercapacitor application.	C D Lokhande and others	1695/MUM/2012	India
12	Biosynthesis of silver thin films.	C D Lokhande and others	780/MUM/2013	India

13	Biosynthesis method for large area preparation of silver thin film containing nanoparticles.	C D Lokhande and others	1478/MUM/2013	India
14	Thin film ruthenium oxide electrodeposited from ruthenium chloride solution.	C D Lokhande and others	(10-0578734) 2006	South Korea
15	A chemical method for depositing titanium oxide coating on substrates.	C D Lokhande and others	(10-0555293) 2006	South Korea
16	Ammonia-free chemical method for depositing microcrystalline cadmium selenide film on substrates.	C D Lokhande and others	(10-0576934) 2006	South Korea
17	Cathodic electrodeposition of cadmium selenide films from weak alkaline bath containing sodium citrate-selenosulphite.	C D Lokhande and others	(10-0598482) 2006	South Korea
18	Electrosynthesis of TiO ₂ films from an aqueous bath.	C D Lokhande and others	(10-0599879) 2006	South Korea
19	Chemically Deposited Large area and Nanostructured Samarium Oxide Thin Films for Energy Storage	C D Lokhande and others	201821022705	Indian
20	An Improved Solid State Device for Energy Storage	C D Lokhande and others	201821021727	Indian
21	A Method for Producing Polyoxovanadate Intercalated Layered Copper Hydroxide Compound	C D Lokhande and others	201821018926	Indian
22	A Chemical Synthesis Process of Cobalt-Manganese Phosphate Thin Films on Conducting Substrates	C D Lokhande and others	201821018918	Indian
23	A Method of ytterbium sulphide thin coating on solid surfaces	C D Lokhande and others	201821015970	Indian
24	Antibacterial nanoparticles and method for synthesizing for same	C D Lokhande and others	01311112017011069975	Korean
25	Cathode for water electrolysis and manufacturing method thereof.	C D Lokhande and others	0131112016056997579	Korean

Publications:

Google Scholar Link: <https://scholar.google.co.in/citations?user=lmU2EMAAAAAJ&hl=en>

Publications	Count
Books	15
Review Articles	21
International Journal papers	734
Papers at Seminars/Symposia	550
Total Citations	>37,112
H ² Index	100

Student Guidance:

Student Guidance	Count
Ph.D. (Completed)	61
Working for Ph.D.	05

After completion of Ph. D. students are working in different countries around the world such as USA, South Korea, Japan, Australia, Katar and many more and achieved some of the world's prestigious fellowships such as Ramanujan fellowship (India), DST-Inspire fellowship (India), JSPS fellowship (Japan), Korea National fellowship (South korea), Marie Curie fellowship, Alexander von Humboldt fellowship etc.

Foreign Research exposure:

Israel (2.5 years), Germany (3 years), South Korea (2.5 years), USA, Egypt, Switzerland, France, Poland, China, Japan, S, England, Srilanka, Nigeria, Saudi Arabia

Research Collaborations at International Level:

Collaborations
Florida Solar Energy Centre, USA
Hahn Meitner Institute, Germany
Korea Inst of Science and Tech, Seoul, Korea
Hanyang University, Seoul, Korea
Gifu University, Japan
Chonnam University, Korea
University of Nigeria, Nigeria
Bengu University, Nigeria