

Curriculum Vitae



Name : Dr. Kishorkumar Vikas Khot
Address : A/P- Ingali, Tal- Hatkanangale,
Dist- Kolhapur, (M.S.), India.
Marital Status : Single
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❖ Educational Qualification

Sr. No.	Exam	Board/ University	Year of passing	Subjects	Percentage	Class obtained
1	S. S. C.	Pune Board	March, 2005	Compulsory Subjects	65.20	1st Class
2	H. S. C.	Pune Board	February, 2007	PCB	63.83	1st Class
3	B. Sc.	Shivaji University, Kolhapur	March, 2010	Chemistry	70.60	Distinction
4	M. Sc.	Shivaji University, Kolhapur	June, 2012	Applied Chemistry	71.33	Distinction (Rank Holder)
5	Ph. D.	Shivaji University, Kolhapur	Date of registration July 2012	Inorganic Chemistry		Awarded

❖ Awards and Recognitions

1. **"Shivaji University Merit Scholarship"** in the faculty of Science (2012).
2. **"International Student Exchange Fellowship"** for Ph.D. study at Chonnam National University, Gwangju, South Korea (2013).
3. **"DST-INSPIRE Fellow"**, Department of Science and Technology, Govt. of India (2013).
4. **First Prize in Best Poster presentation** at FCMS-2015 Conference, Department of Chemistry, Shivaji University, Kolhapur (2015).
5. Successfully completed **four M. Sc Applied/Inorganic Chemistry Projects** (2014-2016).
6. **Reviewer** of various international research journals (2016).
7. **Editorial and Advisory Board Member** of various Scientific Journals.
8. **Selected as Post Doctoral Associate** for Post Doctorate Study in Ulsan National Institute of Science and Technology (UNIST), Ulsan, South Korea (2016).

❖ Teaching experience

Teaching experience in **M. Sc Applied Chemistry Part II, Department of Applied Chemistry**, Shivaji University, Kolhapur (2015-2016).

Teaching experience in **Department of General Engineering and Sciences**, Sharad Institute of Technology, College of Engineering, Yadrav, Ichalkaranaji, (2016-2017).

❖ Subject of Doctoral Studies

"DEPOSITION, CHARACTERIZATION AND APPLICATIONS OF NANOCRYSTALLINE CICSSe THIN FILMS BY HYBRID CHEMICAL PROCESS"

❖ Research Specialization and Fields of Research Interest

- ✚ **Three years research experience** in the field of Materials Science, Solar Cell, Mixed Metal Chalcogenide Thin Films and Nanomaterials under the supervision of **Prof. (Dr.) P. N. Bhosale**, Materials Research Laboratory, Department of Chemistry, Shivaji University, Kolhapur, (M.S.), India.
- ✚ **One year research experience** in the field of Materials Science, Solar Cell, Oxide-Chalcogenide Heterojunction Thin Films and Nanomaterials under the supervision of **Prof. J. H. Kim and Prof. J. Heo**, Department of Materials Science and Engineering, Chonnam National University, Gwangju, South Korea.
- ✚ **Six month post doctorate research experience** in the field of Solar Cell, Oxide-Chalcogenide Heterojunction Nanomaterials under the supervision of **Prof. Ji-Hyun Jang**, Nano Crystal Laboratory, School of Energy and Chemical Engineering, UNIST, South Korea.

❖ Expertise in Research Interest

- ❖ Having excellent research potential and good skills to actively contribute in chemical techniques such as, *simple chemical bath deposition (CBD)*, *arrested precipitation technique (APT)*, *hydrothermal*, *successive ionic layer adsorption and reaction (SILAR)*, *microwave* etc. for synthesis of different chalcogenide, oxide mixed metal thin films.

❖ Peer-Reviewer / Referee for Various Scientific Journals:

Sr. No.	Publication	Name of Journals/Impact factor
1.	Royal Society of Chemistry (RSC)	1. <i>RSC Advance (3.80)</i> 2. <i>Dalton Transaction (4.19)</i> 3. <i>New Journal of Chemistry (3.08)</i>
2.	Elsevier	4. <i>Journal of Materials Science and Semiconducting Processing (1.56)</i> 5. <i>Materials Science and Engineering: B (2.16)</i> 6. <i>Journal of Energy Chemistry (2.35)</i>
3.	Springer	7. <i>Nano-micro letters (3.01)</i> 8. <i>Journal of Materials Science: Materials in Electronics (1.79)</i> 9. <i>International Journal of Ionics (1.75)</i>
4.	Wiley	10. <i>Journal of the American Ceramic Society (2.61)</i>

❖ Editorial and Advisory Board Member of Scientific Journals:

Sr. No.	Name of Journal/Conference/Symposium	Designation
1.	The World Academy of Research in Science and Engineering.	Advisory Board Member
2.	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE).	Editorial Board Member
3.	Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES), Hong Kong, <i>Membership No. :201892</i>	APCBEEES Membership
4.	American Association for Science and Technology (AASCIT).	Life Member

	<i>Membership No.: 1005630.</i>	
5.	European Nanoscience and Nanotechnology Association (ENNA), scientific and professional organization Committee.	ENNA Member
6.	International Journal for Research in Applied Science and Engineering Technology (IJRASET).	Editorial Board Member
7.	Global Research and Development Journals (GRDJE), <i>e-ISSN: 2455-5703.</i>	Editorial Board Member
8.	Advances in Interconnect Technologies: An International Journal (AITIJ).	Editorial Board Member

❖ List of Papers Published in Refereed International Journals

Sr. No.	Authors	Title of paper	Name of the Journal	Impact factor
1.	K. V. Khot , S. S. Mali, N. B. Pawar, R. M. Mane, V. V. Kondalkar, V. B. Ghanwat, P. S. Patil, C. K. Hong, J. H. Kim, J. Y. Heo, P. N. Bhosale.	Novel synthesis of interconnected nanocubic PbS thin films by facile aqueous chemical route.	<i>Journal of Material Science: Material Electronics</i> , 25, (2014), 3762-3770. ISSN: 0957-4522.	1.56
2.	K. V. Khot , S. S. Mali, N. B. Pawar, R. R. Kharade, R. M. Mane, V. V. Kondalkar, P. B. Patil, P. S. Patil, C. K. Hong, J. H. Kim, J. Heo, P. N. Bhosale.	Development of nanocoral-like Cd(SSe) thin films using an arrested precipitation technique and their application.	<i>New Journal of Chemistry</i> , 38, (2014), 5964-5974. ISSN: 1144-0546.	3.08
3.	K. V. Khot , S. S. Mali, R. R. Kharade, R. M. Mane, P. S. Patil, C. K. Hong, J. H. Kim, J. Heo, P. N. Bhosale.	Novel-approach for fabrication of CdS thin films for photoelectrochemical solar cell application.	<i>Journal of Materials Science: Materials in Electronics</i> , 25, (2014), 5606-5617. ISSN: 0957-4522.	1.79
4.	K. V. Khot , S. S. Mali, N. B. Pawar, R. R. Kharade, R. M. Mane, P. B. Patil, P. S. Patil, C. K. Hong, J. H. Kim, J. Heo,	Simplistic construction of cadmium sulfoselenide thin films via a hybrid chemical process for enhanced photoelectrochemical performance.	<i>RSC Advances</i> , 5, (2015), 40283-40296. ISSN 2046-2069.	3.84

	P. N. Bhosale.			
5.	K. V. Khot , S. S. Mali, R. M. Mane, P. S. Patil, C. K. Hong, J. H. Kim, J. Heo, P. N. Bhosale.	Synthesis, characterization and photoelectrochemical properties of PbS sensitized vertically aligned ZnO nanorods: modified aqueous route.	<i>Journal of Materials Science: Materials in Electronics</i> , 26, (2015) , 6897–6906. ISSN: 0957-4522.	1.79
6.	K. V. Khot , T. D. Dongale, S. S. Mali, P. S. Patil, P. K. Gaikwad, R. K. Kamat, P. N. Bhosale.	Development of Ag/ZnO/FTO Thin Film Memristor Using Aqueous Chemical Route.	<i>Materials Science in Semiconductor Processing</i> , 40, (2015) , 523-526. ISSN: 1369-8001.	1.95
7.	K. V. Khot , S. S. Mali, V. B. Ghanwat, S. D. Kharade, R. M. Mane, C. K. Hong, P. N. Bhosale.	Photocurrent enhancement in Cu ₂ Cd(SSe) ₂ photoanode synthesized via arrested precipitation route.	<i>New Journal of Chemistry</i> , 40, (2016) , 3277. ISSN: 1144-0546.	3.08
8.	K. V. Khot , V. B. Ghanwat, C. S. Bagade, S. S. Mali, R. R. Bhosale, A. S. Bagali, T. D. Dongale, P. N. Bhosale.	Synthesis of SnS ₂ thin film via non vacuum arrested precipitation technique for solar cell application.	<i>Journal of Materials Letters</i> , (2016) , 180, 23-26. ISSN: 0167-577X.	2.43
9.	K. V. Khot* , T. D. Dongale, M. M. Salunkhe, N. D. Desai, R. K. Kamat J. H. Jang, P. N. Bhosale.	Synthesis of p-type quaternary bismuth cadmium sulfoselenide thin films via simple hybrid chemical route for energy application.	<i>J Solid State Electrochem</i> , (2017) , Revision Submitted , ISSN: 1433-0768.	2.32
10.	K. V. Khot* , T. D. Dongale, S. S. Mali, C. K. Hong, R. K. Kamat, P. N. Bhosale.	Deposition, characterizations and photoelectrochemical performance of nanocrystalline Cu-In-Cd-S-Se thin films by hybrid chemical process.	<i>Journal of Materials Science</i> , (2017) , DOI 10.1007/s10853-017-1124-4. ISSN: 0022-2461.	2.30
11.	P. B. Patil, S. S. Mali, V. V. Kondalkar, N. B. Pawar, K. V. Khot , C. K. Hong, P. S. Patil, P. N. Bhosale.	Single step hydrothermal synthesis of hierarchical TiO ₂ microflowers with radially assembled nanorods for enhanced photovoltaic performance.	<i>RSC Advances</i> , 4 (2014) , 47278-47286. ISSN 2046-2069.	3.84
12.	V. V. Kondalkar, S. S. Mali, R. R.	High performing smart electrochromic device	<i>Dalton Transaction</i> , 44 (6), (2015) ,	4.09

	Kharade, K. V. Khot , P. B. Patil, R. M. Mane, S. Choudhury, C. K. Hong, P. S. Patil, J. H. Kim, P. N. Bhosale.	based on honeycomb nanostructured h-WO ₃ thin films: Hydrothermal assisted synthesis.	2788-2800. ISSN 1477-9226.	
13.	M. M. Salunkhe, N. B. Pawar, K. V. Khot , P. S. Patil, T. M. Bhаве, P. N. Bhosale.	Effect of indium (III) doping on chemosynthesized MoBi ₂ Te ₅ thin films and its photoresponse property.	<i>Journal of Materials Science: Materials in Electronics</i> , 26, (2015) , 2921-2930. ISSN: 0957-4522.	1.79
14.	M. M. Salunkhe, K. V. Khot , P. S. Patil, T. M. Bhаве, P. N. Bhosale.	Novel route for the synthesis of surfactant- assisted MoBi ₂ (Se _{0.5} Te _{0.5}) ₅ thin films for solar cell applications.	<i>New Journal of Chemistry</i> , 39, (2015) , 3405-3416. ISSN: 1144-0546.	3.08
15.	P. B. Patil, S. S. Mali, V. V. Kondalkar, K. V. Khot , R. M. Mane, C. K. Hong, P. S. Patil, J. H. Kim, P.N. Bhosale.	An approach towards TiO ₂ chrysanthemum flowers with tunable properties: influence of reaction time in hydrothermal process.	<i>Journal of Materials Science: Materials in Electronics</i> , 26, (2015) , 6119-6128. ISSN: 0957-4522.	1.79
16.	C. S. Bagade, S. S. Mali, V. B. Ghanwat, K. V. Khot , P. B. Patil, S. D. Kharade, R. M. Mane, N. D. Desai, C. K. Hong, P. S. Patil, P. N. Bhosale.	A facile and low cost strategy to synthesize Cd _{1- x} Zn _x Se thin films for photoelectrochemical performance: Effect of zinc content.	<i>RSC Advances</i> , 5, (2015) , 55658-55668. ISSN 2046-2069.	3.84
17.	M. M. Salunkhe, K. V. Khot , P. N. Bhosale, T. M. Bhаве.	Low temperature and controlled synthesis of Bi ₂ (S _{1-x} Se _x) ₃ thin films using simple chemical route: Effect of bath composition.	<i>RSC Advances</i> , 5, (2015) , 57090-57100. ISSN 2046-2069.	3.84
18.	P. N. Bhosale, R. M. Mane, V. B. Ghanwat, V. V. Kondalkar, S. R. Mane, K. V. Khot .	Arrested Precipitation Technique for Synthesis of Chalcogenide and Oxide Thin Films.	<i>Advanced Chemical Engineering</i> , 5, (2015) , 1. ISSN: 2090-4568.	ISSN: 2090- 4568.
19.	P. N. Bhosale, V. V. Kondalkar, R. M. Mane, S. Choudhury,	Hydrothermal Assisted Synthesis of Hierarchical Nanostructured Metal Oxide Thin Film.	<i>Journal of Nanomedicine & Nanotechnology</i> , 6, (2015) , 103.	3.57 ISSN: 2157-

	K. V. Khot.		ISSN: 2157-7439.	7439.
20.	D. B. Shinde, S. K. R. K. Mane, R. M. Mane, V. B. Ghanwat, K. V. Khot , S. S. Mali, C. K. Hong, P. N. Bhosale.	Time Dependent Facile Hydrothermal Synthesis of TiO ₂ Nanorods and their Photoelectrochemical Applications.	<i>Journal of Nanomedicine & Nanotechnology</i> , S7-004(2015), 1-7. ISSN: 2157-7439.	3.57 ISSN: 2157-7439.
21.	C. S. Bagade, V. B. Ghanwat, K. V. Khot , P. N. Bhosale.	Efficient improvement of photoelectrochemical performance of CdSe thin film deposited via arrested precipitation technique.	<i>Journal of Materials Letter</i> , 164, (2016), 52-55. ISSN: 0167-577X	2.43
22.	N. D. Desai, V. B. Ghanwat, K. V. Khot , S. S. Mali, C. K. Hong, P. N. Bhosale.	Effect of substrate on the nanostructured Bi ₂ Se ₃ thin films for solar cell applications.	<i>Journal of Materials Science: Materials in Electronics</i> , 27, (2016), 2385-2393. ISSN: 0957-4522.	1.79
23.	C. S. Bagade, V. B. Ghanwat, S. S. Mali, K. V. Khot , C. K. Hong, P. N. Bhosale.	Synthesis of CdZnSe thin films by a facile aqueous phase route and their photoelectrochemical performance for solar cell application.	<i>Journal of Materials Science: Materials in Electronics</i> , 27 (6) (2016), 5867-5877. ISSN: 0957-4522.	1.79
24.	T. D. Dongale, K. V. Khot , S. V. Mohite, N. K. Desai, S. S. Shinde, A. V. Moholkar, K. Y. Rajpure, P. N. Bhosale, P. S. Patil, P. K. Gaikwad, R. K. Kamat.	Investigating Reliability Aspects of Memristor based RRAM with Reference to Write Voltage and Frequency.	<i>Condensed Matter: Materials Science</i> , arXiv:1602.01947, (2016).	arXiv:1602.01947.
25.	T. D. Dongale, K. V. Khot , S. V. Mohite, S. S. Khandagale, S. S. Shinde, A. V. Moholkar, K. Y. Rajpure, P. N. Bhosale, P. S. Patil, P. K. Gaikwad, R. K. Kamat.	Investigating the Temperature Effects on Resistive Random Access Memory (RRAM) Devices.	<i>Condensed Matter: Materials Science</i> , arXiv:1602.08262, (2016).	arXiv:1602.08262.
26.	S. D. Kharade, N. B. Pawar, K. V. Khot , P. B.	Enhanced photoelectrochemical performance of novel p-	<i>RSC Adv.</i> , 6, (2016), 24985-24995. ISSN 2046-2069.	3.84

	Patil, S. S. Mali, P. S. Patil, P. N. Bhosale.	type MoBiCuSe ₄ thin films deposited by a simple surfactant mediated solution route.		
27.	T. D. Dongale, S. V. Katkar, K. V. Khot , K. V. More, S. D. Delekar, P. N. Bhosale, R. K. Kamat.	Simulation of randomly textured tandem silicon solar cells using quadratic complex rational function approach along with artificial neural network.	<i>Journal of Nanoengineering and Nanomanufacturing</i> , 6, (2016), 103-108.	ISSN: 2157-9326.
28.	N. B. Pawar, S. S. Mali, S. D. Kharade, V. V. Kondalkar, V. B. Ghanwat, K. V. Khot , P. S. Patil, P. N. Bhosale	Microwave assisted novel MoBi ₂ S ₅ nanoflowers: Synthesis, characterization, photoelectrochemical performance	<i>Journal of Solid State Sciences</i> , (2016), 61, 89-93, ISSN: 1293-2558.	2.04
29.	S. K. Jagadale, K. V. Khot , C. S. Bagade, R. M. Mane, V. B. Ghanwat, R. K. Mane, Sawanta S. Mali, C. K. Hong, P. N. Bhosale	Novel synthetic route for the synthesis of ternary Cd(SSe) photoelectrode and their photoelectrochemical application	<i>Journal of Materials Science: Materials in Electronics</i> , (2016), 28 (3), 2984-2995. DOI:10.1007/s10854-016-5884-4, ISSN: 0957-4522.	1.79
30.	T. D. Dongale, N. D. Desai, K. V. Khot , N. B. Mullani, P. S. Pawar, R. S. Tikke, V. B. Patil, P. P. Waifalkar, P. B. Patil, R. K. Kamat, P. S. Patil, P. N. Bhosale.	Effect of surfactants on the data directionality and learning behaviour of Al/TiO ₂ /FTO thin film memristor-based electronic synapse.	<i>J Solid State Electrochem</i> , (2016), DOI:10.1007/s10008-016-3459-1, ISSN: 1433-0768.	2.32
31.	T.D. Dongale, K. V. Khot , S. V. Mohite, S. S. Khandagale, S. S. Shinde, V. L. Patil, S. A. Vanalkar, A. V. Moholkar, K. Y. Rajpure, P. N. Bhosale, P. S. Patil, P. K. Gaikwad, R. K.	Investigating the Temperature Effects on ZnO, TiO ₂ , WO ₃ and HfO ₂ Based Resistive Random Access Memory (RRAM) Devices.	<i>Journal of Nano and Electronics Physics</i> , (2016), 8, 4(1), 04030. DOI:10.21272/jnep.8(4(1)).04030	ISSN: 2306-4277

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❖ List of Papers Published in Conference Proceedings/Journals

Sr. No.	Authors	Title of paper	Name of the Journal	Impact factor
1.	K. V. Khot , S. S. Mali, P. B. Patil, R. R. Kharade, R. M. Mane, C. K. Hong, P. N. Bhosale.	Novel-approach for invention of nubbly-like Cd(SSe) thin film: Photoelectrochemical application.	<i>Macromolecular Symposia</i> , 362, (2016), 82–86.	ISSN: 1521-3900.
2.	K. V. Khot , V. B. Ghanwat, P. B. Patil, C. S. Bagade, R. M. Mane, D. B. Shinde, S. K. Jagadale, P. N. Bhosale.	Synthesis and Fabrication of Nanomaterials Synthesis and Characterization of Highly Ordered Nanosized PbS Thin Films: Modified SILAR.	<i>Nanosystems: Physics, Chemistry, Mathematics</i> , (2016), 7 (3), 499–501, ISSN 2220-8054.	0.72
3.	R. M. Mane, V. B. Ghanwat, V. V. Kondalkar, K. V. Khot , S. R. Mane, P. S. Patil, P. N. Bhosale.	Nanocrystalline MoBi ₂ Se ₅ Ternary Mixed Metal Chalcogenide Thin-films for Solar Cell Applications.	<i>Procedia Materials Science</i> , 6, (2014), 1285–1291.	ISSN: 2211-8128.
4.	R. M. Mane, S. S. Mali, V. B. Ghanwat, V. V. Kondalkar, K. V. Khot , S. R. Mane, D. B. Shinde, P. S. Patil, P. N. Bhosale.	Photoelectrochemical performance of MoBiInSe ₅ mixed metal chalcogenide thin films.	<i>Materials Today: Proceedings</i> , 2 (4), (2015), 1458-1463. ISSN: 2214-7853.	ISSN: 2214-7853.
5.	P. B. Patil, S. S. Mali, K. V. Khot , V. V. Kondalkar, V. B. Ghanwat, R. M. Mane, R. R. Kharade, P. N. Bhosale.	Synthesis of Bismuth Telluride Thin Film for Thermoelectric Application via Electrodeposition Technique.	<i>Macromolecular Symposia</i> , 361, (2016), 152-155.	ISSN: 1521-3900.
6.	R. R. Kharade, P. B. Patil, K. V. Khot , V. B. Ghanwat, V. V. Kondalkar, C. S. Bagade, N. D. Desai, R. M. Mane, P. N. Bhosale.	Controlled Electrochemical Polymerization Strategies for Electroactive Polyaniline Thin Films.	<i>Macromolecular Symposia</i> , 361, (2016), 7-10.	ISSN: 1521-3900.

7.	C. S. Bagade, V. B. Ghanwat, S. D. Kharade, K. V. Khot , R. R. Kharade, N. D. Desai, P. N. Bhosale.	Rapid formation of ternary CdZnSe ₂ chalcogenide thin film by microwave assisted chemical bath deposition.	<i>Macromolecular Symposia</i> , 362, (2016), 60-64.	ISSN: 1 521-3900.
8.	S. K. Jagadale, D. B. Shinde, R. M. Mane, K. V. Khot , V. B. Ghanwat, P. N. Bhosale, R. K. Mane.	Chemosynthesis, Characterization and PEC Performance of CdZn(SSe) ₂ Thin Films by Arrested Precipitation Technique (APT).	<i>Nanosystems: Physics, Chemistry, Mathematics</i> , (2016), 7 (3), 523–527, ISSN 2220-8054.	0.72
9.	C. S. Bagade, V. B. Ghanwat, K. V. Khot , P. B. Patil, R. M. Mane, P. N. Bhosale.	Facile Synthesis of (CdZn)Se Nanocrystalline thin Films via Arrested Precipitation Technique (APT) for Photovoltaic Application.	<i>Nanosystems: Physics, Chemistry, Mathematics</i> , (2016), 7 (3), 553–557, ISSN 2220-8054.	0.72
10.	N. D. Desai, S. M. Patil, K. V. Khot , R. M. Mane, P. N. Bhosale.	Surfactant assisted synthesis of nanocrystalline n-Bi ₂ Se ₃ thin films at room temperature via arrested precipitation technique.	<i>Nanosystems: Physics, Chemistry, Mathematics</i> , (2016), 7 (4), 765–767, ISSN 2220-8054.	0.72
11.	P. B. Patil, V. V. Kondalkar, K. V. Khot , C. S. Bagade, R. M. Mane, P. N. Bhosale.	Dynamic study of bismuth telluride quantum dot assisted titanium oxide for efficient photoelectrochemical performance.	<i>Nanosystems: Physics, Chemistry, Mathematics</i> , (2016), 7 (4), 604–608, ISSN 2220-8054.	0.72
12.	D. B. Shinde, V. B. Ghanwat, K. V. Khot , V. V. Kondalkar, R. M. Mane, C. S. Bagade, S. K. Jagdale, R. K. Mane, P. N. Bhosale.	Low temperature simple aqueous phase chemical synthesis and characterization of ZnO thin films.	<i>Materials Today: Proceedings</i> , (2017), 4 (2), 119-125.	ISSN: 2 214-7853.
13.	S. K. Jagadale, D. B. Shinde, R. M. Mane, V. B. Ghanwat, K.V. Khot , R. K. Mane, P. N. Bhosale.	Development of CdZn(SSe) ₂ thin films by using simple aqueous chemical route: Air annealing.	<i>Materials Today: Proceedings</i> , (2017), 4 (2), 363-368.	ISSN: 2 214-7853.

❖ Research Articles Published in Proceedings and Books

1. Mixed Metal Chalcogenide Thin Films for Energy Harvesting.
K. V. Khot, P. N. Bhosale.
LAP LAMBERT Academic Publishing, Omni Scriptum GmbH & Co. KG, Business, Germany, ISBN: 978-3-659-67297-2, (2017).
2. Synthesis and Fabrication of Nanomaterials Synthesis and Characterization of Highly Ordered Nanosized PbS Thin Films: Modified SILAR.
K. V. Khot, V. B. Ghanwat, P. B. Patil, C. S. Bagade, R. M. Mane, D. B. Shinde, S. K. Jagadale, P.N. Bhosale.
BLOOMSBURY PUBLISHING INDIA PVT, LTD. New Delhi London, Oxford, New York, Sydney ISBN: 978-93-85436-76-510987654321, (2015).
3. Facile synthesis of CuInSe₂ thin films via self-organized APT: photoelectrochemical solar cell applications.
J. M. Mane, R. M. Mane, S. R. Mane, V. V. Kondalkar, V. B. Ghanvat, D. B. Shinde, **K. V. Khot**, P. N. Bhosale.
Recent advances in polymer processing and characterization, Apple Academic Press partnered with CRC Press, a member of the Taylor & Francis Group, (2015), (Accepted).
4. Synthesis of Sea urchin like microstructure *h*-MoO₃ by Chemical Bath Deposition.
N. D. Desai, R. M. Mane, S. R. Mane, V. V. Kondalkar, V. B. Ghanvat, **K. V. Khot**, P. N. Bhosale.
Recent advances in polymer processing and characterization, Apple Academic Press partnered with CRC Press, a member of the Taylor & Francis Group, (2015), (Accepted).

❖ Paper Presented in Conferences/ Workshops/ Seminars/ Symposia

1. Room temperature synthesis of interlocked PbS nanocubes
K. V. Khot, S. S. Mali, P. B. Patil, H. K. Park, P. S. Patil, C. K. Hong, J. H. Kim, J. Y. Heo, P. N. Bhosale.

Second International Conference on Physics of Materials and Materials Based Device Fabrication, (ICPM-MDF-2014) Dept. of Physics, Shivaji University, Kolhapur. (13th to 15th Jan 2014).

2. Microwave assisted synthesis of nanocrystalline Cu₃SbSe₄ Thin films and their characterization.

V. B. Ghanwat, S. D. Kharade, S. S. Mali, **K. V. Khot**, R. M. Mane, P. B. Patil, C. K. Hong, P. S. Patil, P. N. Bhosale.

Second International Conference on Physics of Materials and Materials Based Device Fabrication, (ICPM-MDF-2014) Dept. of Physics, Shivaji University, Kolhapur. (13th to 15th Jan 2014).

3. Engineering the novel morphology of CdSSe thin films via self organized aqueous method for its photoelectrochemical application.

K. V. Khot, R. M. Mane, P. N. Bhosale.

UGC (WRO) Sponsored National Seminar on Recent trends in Analytical Chemistry (RTAC-2014). Art, Commerce and Science College, Sateral. (30th & 31st August 2014).

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I hereby declare that the above particulars are true to the best of my knowledge.

Place:

Yours sincerely,

Date:

Dr. Kishorkumar Vikas Khot

❖ References

➤ **Prof. (Dr.) P. N. Bhosale**

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