


## CURRICULUM VITAE

	Particulars	
1	<b>Name (in BLOCK letters)</b>	KAILAS PRABHAKAR JOSHI
2.	<b>Father's Name/Mother's Name</b>	PRABHAKAR PUNDALIK JOSHI/MANGALA PRABHAKAR JOSHI
3.	<b>Department</b>	Physics
4.	<b>Current Designation Pay Band &amp; Grade Pay</b>	Designation : Assistant Professor Pay Band :15600-39100 Grade Pay : 6000
5.	<b>Date of Birth</b>	01-01-1970
6.	<b>Blood Group</b>	B +ve
7.	<b>Sex</b>	Male
8.	<b>Marital Status</b>	Married
9.	<b>Nationality</b>	Indian
10.	<b>PAN Number</b>	-----
11.	<b>ADHAR Number</b>	-----
12.	<b>Indicate whether belongs in SC/ST/OBC /NT/Open category</b>	OPEN
13.	<b>Address for correspondence (with pin code)</b>	B-202,Nandanvan Apartment, Near Panchayat Samiti, Wada, Dist: Palghar-421303 (M.S.)
14.	<b>Permanent Address (with pin code)</b>	Kailas P..Joshi 1o B Lekha Nagar Walwadi Shiwat Deopur Dhule
14(a).	<b>Telephone No.</b>	Landline :NA Mobile No.: 9970077906
14(b).	<b>Email</b>	kp_joshi70@rediffmail.com

**1. Academic Qualifications (Metric till post-graduation):**

<b>Examinations</b>	<b>Name of the Board/University</b>	<b>Year of Passing</b>	<b>Percentage of marks obtained</b>	<b>Division/ Class/ Grade</b>	<b>Subject</b>
High School/Metric/ S.S.C.	S.S.C..	1985	58.42	II	Hindi, English, Science, Mathematics , Social Studies
Intermediate / (10+2)	State Board/ Nashik Division	1989	46.17	II	Hindi, English, Physics, Chemistry, Mathematics and Statistic , Biology
B.Sc	Pune University	1992	57.00	II	Physics
M.Sc.	North Maharashtra University	1996	59.00	II	Physics
M.Sc.	North Maharashtra University	2014	64.00	I	Physics Class Improvement
Other examination, if any	NA	NA	NA	NA	NA

**2. Research Degree(s):**

<b>Degrees</b>	<b>Title</b>	<b>Date of award</b>	<b>University</b>
M. Phil.	NA	NA	NA
Ph.D.	Ph.D. in Physics (faculty of Science)	3/12/2012	S.J.J.T University
D.Sc./D.Litt.	NA	NA	NA

**3. Record of academic service prior to this institution**

Designation	Nature of appointment (Regular / Temporary/ Ad-Hoc / Fixed tenure)	Name of Employer	Date of		Salary with Grade	Reason of leaving
			Joining	Leaving		
Assistant Professor	Regular	Gangamai College of Engineering Nagaon ,Dhule	03/08/2007	25/08/2015	35000 (6000)	New Job

**4. Record of academic service in this institution**

Designation	Nature of appointment (Regular / Temporary/ Ad-Hoc / Fixed tenure)	Name of Employer	Date of		Salary with Grade	Reason of leaving
			Joining	Leaving		
Assistant Professor	Regular	Shikshak Sanchalit Shikshan Sanstha's Dr. S.D. Devsey Arts College and Commerce and Science College, Wada, Dist: Palghar	25/08/2015	NA	Basic 15600- 39100- (6000)	NA

5. Period of teaching experience: P.G. Classes (in years)

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: U.G. classes (in years)

15
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## **Biodata and Curriculum vitae**

**Name:** Dr. Kailas Prabhakar Joshi

**Status:** Full time Approved and Permanent Teacher in Physics

**Date of Birth:** 01/01/1970

**Email ID:** kp\_joshi70@rediffmail.com    **Cell:** 9970077906

**Educational Qualifications:** M.Sc. Ph.D.

**Teaching Experience:** 15 Years

**Research paper published:** 17

**Conferences attended:** 28

**Research Paper Abstracted:** 08

**Engineering Teaching Experience:** 7 Years (U.G), 2 years (P.G)

Appointment Ref No: GCE455/A/2007

Approved by North Maharashtra University

**Status of Approval:** Appointment Ref No: 62/2015-16

Approved by University of Mumbai, CONCOL/SA/2015-16/47128

**Science College Teaching Experience:** 7 Years (U.G)

: 2 years (P.G) letter Dated: 07/12/2017

**Recognition:** Recognised as a Post Graduate Teacher of the Department of Physics for the Ph.D (science) degree in Physics with effect from 10<sup>th</sup> January 2018 and Recognised as co-guide from the Department of Physics University of Mumbai , Ref No.UDPMU/405/2018 on Dated 16/07/2018

## **By Research Paper -Publication**

### ***Research Paper publications: 17 , Single Author:14***

1. K.P. Joshi, K.B.Saraf Acrylitic Starlite Crystals Grown using Gel Method and its Characterization, AJCER,VOL4(1 )28-32pp Jan,2011
2. K.P. Joshi, K.B.Saraf , Growth of Multi-shaped Crystals of Copper iodide in Gel and its Characterization AJCR ,Vol4(2 )84-87p.p, April,2011
3. K.P.Joshi ,Semiconducting copper sulphide grown Crystal in Gel and its characterisation.IORD,Vol2,2348-0831p.p.Feb,2015
4. K.P.Joshi ,Optical Structural electronical and Band gap determination of newly grown semiconducting Copper sulphide crystal using Gel method,IJAREEIE,Vol4(2)2320-3765p.p.Feb,2015
5. K.P.Joshi, Growth of copper Sulphide and iodide Crystal in Gel and its Characterisation,JORD,Vol7(9)166-179p.p.Dec,2017
6. K.P.Joshi, Make in India for Indian Development of Economy Globally with rising influence and its reflectance with corporate head reverence, Jan 2017.
7. K.P.Joshi, B.S.Nandekar,Barun .K.Mehata Growth of star shaped crystal of copper iodate in Gel and Effect of various Parameters on Crystal Growth ,Volume 4, Issue 4, April 2018International Journal of Scientific Research in Science and Technology (IJSRST)2395-6011(Print)2395-602X (Online) 5
8. K.P.Joshi, Growth of copper Sulphide and iodide Crystal in Gas-Gel and its Characterisation IJSRST international Journal of Scientific Research in science and Technology.(IJSRST), Volume 4, Issue 4, 449-454 April 2018,Online,2395-602X,
9. K.P. Joshi, Synthesis of Semiconducting Copper Sulphide crystal grown in Gas- gel and its characterisation, IJSRST international Journal of Scientific Research in science and Technology.(IJSRST), Volume 4, Issue 4, 40-4s April 2018,Online,2395-602X, 5.327
10. K.P.Joshi, Issues of scheduled tribe in remote region ,Activities for and by Adivasi peoples communicated

11. K.P. Joshi , IJIRT VOL Growth of Spherulite star shaped Copper iodate Crystals in Gel and its effective kinetic Parameters. volume 7, ISSN2349-6002,09-02-2021
12. K.P. Joshi , IJSRST Growth of copper iodate Crystal in Gel and its characterization, ISSN2395-602X, 07/02/2021
13. D.S. Patil, S.B.Patil, **K.P.Joshi**. P.H.Pawar JOICS“Studies on CIS thin Films as Solar Base Material Vol 11 issue 9 Page 595-604”ISSN1548-7741,2021
14. K.P. Joshi, S.B.Patil; Growth of Copper Sulphide Crystal in Gel and its Thermal Spectroscopic Semiconducting Characterisations and its Kinetic Parameters YMER ISSN 044-00477 page 246-256Vol20 issue 12 ,2021
15. M.M. Patil **K.P. Joshi**, S.B. Patil, P.V. Dalal ; Studies on nanocomposites Nano plates and Perovskites Nano rod thin films YMER ISSN 044-00477 page 303-313Vol 20 issue 12 ,Dec 2021
16. D.S.Patil ,**K.P.Joshi** ,S.B. Deshmukh ,S.B.Patil,P.H.Pawar,'Non stoichiometric Chemically deposited  $Cd_x Pb_{1-x} S$  Thin films Vol-8-issue-4,IJRAR E-ISSN2348-1269,PAGE 551-559,2021
17. K.P.Joshi , IJRAR, Growth of heavily conducting metal copper iodide Crystal in Gel and its characterization, ISSN2348-1269,2021

**CONFERENCE ATTENDED: 28**

1. Mission 10X,one week workshop ISTE,2010
2. SHORT TERM one week TRAINNING PROGRAMME ON research Methodology Dec 2010
3. Sunrise technology S.S.V.P.S College of Engineering Dhule (**International conference**) Maharashtra.2011
4. State level seminar on New horizons in Chemistr for agriculture and society 2011
5. Mathematical Analysis , Jaihind college Dhule.(**National conference**)2011
6. Environmental science ,University Department N.M.University ,jalgaon Maharashtra (**National conference**)2012

7. Recent trends in Engineering. faizpur College of engineering. Faizpur, Maharashtra(**National Conference** )2012
8. Environmental Physics, S.S.V.P.S Science College Dhulia. Maharashtra. (**National conference**)
9. National level presentation and technical event,2012
10. Recent trends in Engineering CollegeChandwad. Maharashtra. (**International Conference**)2012
11. Recent trends in Engineering Materials &Semiconductors,Nagaon (**National Conference**).
12. R.C. Patel Engineering. &Technology Shirpur Maharashtra (**National Conference**).
13. Recent development in nanomaterials and their Applications,UGC sponsored National Conference 2016
14. Research methodology One week short Term Program at s.s.v.p.s.college of Engineering Dhule.
15. New Horizons in Chemistry For Agriculture and society,UGC Sponsored State level seminar, at ssvps college Dhule Maharashtra
16. Mission 10X by ISTE AND WIPRO one week workshop conducted in ssvps college Dhule.
17. Transforming India Vision For Excellence,One Day National Conference attended,pper published on Vision of Indians Ghatkopar,Mumbai.
18. New Amendments in API Attended at G.M.Momin Womens college ,Bhiwandi,Mumbai.2017
19. Transforming India Visio for excellence,Nationalconference,2017
20. National conference on Recent trends and developments in Environmental and Basic Sciences 2018
21. National conference on Recent trends and developments in Environmental and Basic Sciences 2018

22. Nonconventional Energy sources for rural development of india,Dahiwel 2018
23. One Day seminar on Biophysics Ambarnath feb2018
24. UGC Sponsored Orientation Program ,PARTICIPATED at PRSU,RAIPUR.
25. UGC ,Sponsored Orientation Program, PARTICIPATED at Himachal University Shimla
26. National conference on Nature Resources Based sustainable development with special reference to Tribal Community Rights and Basic Sciences 2019
27. International Conference on Advanced Nanomaterials and Nanotechnology ,palghar,2019
28. International conference Attended One day inter National conference on Nanomaterials and Nano technology ,ICONN 2021,Department of Physics University of Mumbai, 25-03-2021
29. Online conferences attended 5,2021

**ORAL AT CONFERENCES: 3**

1. Presentation on Crystal growth technology of Copper Iodate star shaped in sunrise technology at S.S.V.P.S. College Dhule.
2. Presentation on growth of Copper Iodate and Copper Iodide Crystal in gel medium ,in
3. Illuminati 2K12 G.C.E. Nagon,Dhule.

**ABSTRACTED PAPER & PLACE: 5**

1. Effect of Gel grown triclinic crystal in Environmental conditions, Environment science conference sponsored by U.G.C.at North Maharashtra University, Jalgaon.jan 2012
2. Acryltic starlight Crystal paper abstracted in Sunrise technology S.S.V.P.S.Engg College Dhule.
3. Growth & characterizations of copper iodide & iodate crystal in gel.
4. Growth of heavily conducting metal copper by growing its crystal of iodate and iodide using Gel Method.-National Level presentation GCE Dhule.mar2012.



5. Growth of copper iodide and iodate crystal in gel and Effect of grown parameters and its characterisations-National seminar on Advanced materials -Institute of science **NSAM**-Mumbai-2020.

## **Academic Teaching Experience-15 Years**

### **WORK EXPERIENCE:**

1. 1 Year Post Graduation Teaching Experience at ssyvs college Dhule Maharashtra
2. Taught to B.E. students, Worked in Engineering College at Nagaon Dhule from 3/8/2007 up to 24/8/2015.
3. Taught to F.E.S.E.T.E. students of Engineering, Dhule Maharashtra
4. Experience of University External Senior supervisor North Maharashtra University Jalgaon. Maharashtra.
5. Examination Controller 3 years.
6. Recently working in Science college from 25/8/2015 up to till today ,Approved by Mumbai University. permanent. from 5 years
7. Teaching to F.Y.BSc, S.Y.BSc, T.Y.BSc .students including practical's.
8. University paper Evaluation 2015-2019 of Mumbai university.
9. Project under graduate level

### **ENGINEERING EXPERIENCE: 8 Years**

- Examination Co-coordinator
- Taught Engineering. Physics I&I I to F.E
- Taught Elements of Electronics Engineering F.E,SDC,EMI.
- Taught Engineering Dynamics to F.E

### **TOTAL ACEDMIC EXPERIENCE: 15 Years**

- Total UG Experience of 15 years in Science and Engineering
- PG teaching experience of 3 years taught solid state Physics, electrodynamics, Classical Mechanics, Electronics, in science College

### **TECHNICAL SKILLS:**

- Crystal growth and Characterizations.
- Growth of semiconductor structure using crystallography technique
- Surface features using microscope with different resolution.
- Band gap determination of material

### **SPECTROSCOPY TECHNIQUES:**

- UV-VIS spectrophotometer.
- FT-IR .Fourier transform infrared radiation
- X-Ray Diffraction studies.

### **ANALYTICAL TECHNIQUES /CHARACTERISATIONS.:**

- T.G.A ,Thermal Gravimetric Analysis
- DSC Differential Scanning calorimetric Analysis
- UV-vis spectroscopy, X-Ray Analysis,
- FTIR Spectroscopy. EDAX-Analysis

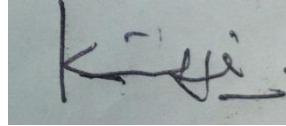
### **PARAMETER STUDIED:**

- Effect of various parameter in crystal growth Methods.
- Single diffusion Method
- Double Diffusion Methods
- Growing of better size & quality crystals.

### **Co-curricular and Academic Activities Responsibilities:**

- HEAD OF DEPARTMENT
- NAAC STERRING Committee Member
- Placement Officer
- Carrier Counselling Officer 2015-2021
- UNIVERSITY Exam Paper Evaluator and Setter
- Practical Examination Expert under University of Mumbai
- ANGK Scholarship Coordinator

- TCS PLACEMENT CELL OFFICER
- Examination Committee Member
- Science Forum Member
- CDC Elected Member
- Gymkhana committee member
- Energy and Green Audit member
- Head of Criteria -7 NAAC Committee



**( Dr. K. P. Joshi )**

**Head - Department of Physics**

Dr.S.D.D.Arts College and Commerce  
&Science-College-Wada.Dist:Palghar  
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