



JSS MAHAVIDYAPEETHA

# JSS ACADEMY OF TECHNICAL EDUCATION

JSSATE Campus, Uttarahalli – Kengeri Main Road, Bangalore – 560 060

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## Name of the Department: Engineering Physics

1. **NAME** : Prof. Nityanand Choudhary
2. **Designation** : **Professor**
3. **Name of the Dept.** : **Physics**
4. **Date of joining the Institution:** **01<sup>st</sup> January 2016**
5. **Date of Birth** : 19-11-1971
6. **Father's Name** : Late Jagdish Choudhary
7. **Sex** : Male
8. **Nationality** : INDIAN
9. **Contact No.** : 9899404999
10. **E-mail ID** : hodphysicsjss@gmail.com
  - a. **Correspondance** : Department of Physics, Jss Academy of Technical Education



Uttarahalli- Kangeri Road

Dr. Vishnu Vardhan Marg, Srinivaspura

BENGALURU 560060

b. **Permanent Address** : **House No 403 C Shipra Suncity**

**Indirapuram, Ghaziabad, UP**

201014

11. **Employment Type** : Permanent
12. **Educational Qualifications** : **M.Sc., Ph.D.,**  
(In reverse Chronological Order)

Sl. No	Degree	Branch	Specialization	Year of passing	University
1	Ph,D	Physics	Amorphous Semiconductor Physics	2007	UPTU, Lucknow
2	M.Sc.	Physics	Electronics	April 1995	BNMU, Madhepura
3	B.Sc.(H)	Physics	PME	April 1993	LNMU, Darbhanga

13. **Service / Experience Details** : **18 years**  
(In reverse Chronological Order)

### a. Teaching Experience:

Sl. No.	From (dd-mm-yy)	To (dd-mm-yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
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1	01-01-2016	Till date	9 months	Degree	Professor	JSS Academy of Technical Education, Bengaluru 560 060
2	01-07-1998	31-12-2016	15 Years	Degree	Professor & Head	Jain University, Bengaluru JSS Academy of Technical Education, Noida 201301
3						
4						
<b>Total Experience</b>			<b>16</b>			

**b. Industrial Experience:**

Sl. NO	From	To	No. of years	Designation	Name of the Company
1					

**14. Membership in various University Boards / Committees / Other (Specify):**

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	Board of Examiners			
2	<b>Board of Studies</b>	<b>2010</b>	<b>2013</b>	<b>Mahamaya Technical University NOIDA</b>
3	Academic Senate			
4	Executive Council			
5	LIC MPCC			

15. Awards : Nil

16. Details of Books published: 7

17. Number of Ph.D. Guidance :  
: Number of Ph.D.'s guiding - 01

18. Field of Expertise / Interest : Solid State Physics

19. Patents : Nil

20. Projects Nil

Sl. No.	Name of the project	Principal Investigator / Co-Investigato	Amount sanctioned From	Amount	Date of start of the project	Date of completion of the project	Outcome of the project
1							

2							
3							
4							

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21. Details of Publications:

Number of papers published in International Journals : 5

Number of papers published in National Journals : 2

Number of papers published in International Conferences : 1

Number of papers published in National Conferences : 2

a. Journals: International

Sl. No.	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Daruka Prasad	Self-Sacrificial template ultrasound assisted synthesis of hierarchical ZnO superstructures: Growth mechanism, Optical studies and Biological applications	ACS Applied Materials & Interfaces	American Chemical Society	Communicated
2	H. Nagabhushan	Spectroscopic, photoluminescence and anti bacterial activity of Cicer arietinum seeds mediated doped ceria nanostructures	Journal of Luminescence	Elsevier	Communicated

3	G Ramakrishna	Spectroscopic properties of red emitting Eu <sup>3+</sup> doped Y <sub>2</sub> SiO <sub>5</sub> nanophosphors for WLED's on the basis of Judd-Ofelt analysis: Calotropis gigantea latex mediated synthesis	Journal of Luminescence	Elsevier	ISSN : 022-2513 Volume 181, Year: 2017, PP 153-163 <b>In Press</b>
i.					
ii.					
4	A Kumar	Dielectric relaxation in glassy Se <sub>80</sub> Ge <sub>20</sub> and Se <sub>75</sub> Ge <sub>20</sub> Ag <sub>5</sub> Chalcogenide glassy alloys	Int. Sci. J.Semi. Phys.Quantum Electronics and Optoelectronics.	National Academy of Sciences of Ukraine	ISSN 1605-6582 (On-line   ISSN 1560-8034 (Print)   ISSN 1606-1365 (CD) Volume: 8 Year :2005 Page Nos: 3-11
ii.					
iii.					
iv.					
5	A Kumar	Dielectric relaxation in glassy Se <sub>100-x</sub> Sbx alloys	Turkish J. Phys.	Academic Journal	E-ISSN: 1303-6122 ISSN: 1300-0101 Volume: 29 Year :2005 Page Nos :119-125

b. Journals: National

SI. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, Impact Factor, pp
1	A. Kumar	Dielectric Relaxation in Se <sub>90</sub> GexIn <sub>10-x</sub> alloys	Indian. J. Engg& Mat. Sc.	CSIR	ISSN: 0975-1017 (Online); 0971-4588 (Print) Volume:11 Year:2004 Page Nos:55-58
2	A Kumar	Dielectric Relaxation in Se <sub>90</sub> GexIn <sub>10-x</sub> alloys	Indian. J. Engg& Mat. Sc.	CSIR	ISSN: 0975-1017 (Online); 0971-4588 (Print) Volume:11 Year:2004 Page Nos:55-58

## List of Books Published

Sr. No	Titles of books	Publisher	Authors/ Co-author	Year of publication
1	Modern Optics	Athena Publication, London	Dr. Nityanand Choudhary	Ongoing Project(Likely to be completed by 2016)
2	Applied Engineering Physics  <b>(Edited and Customized the books)</b>	Pearson  5 books for different Technical University	Dr. Nityanand Choudhary	2012-13
3	Laser System and Application	PHI , New Delhi	Dr. Nityanand Choudhary,  Dr. Richa Verma	2011
4	Applied Engineering Physics II  ( for JNTU, Kanikada  <b>Recommended as Text book</b>	Acme Learning an associate of Excel Book Publication. Daryaganj, New Delhi	Dr. Nityanand ChoudharyMr, Daruka Prasad	2011
5	Applied Engineering Physics II  ( for JNTU, Kanikada)  <b>Recommended as Text book</b>	Acme Learning an associate of Excel Book Publication. Daryaganj, New Delhi	Dr. Nityanand Choudhary Mr.Daruka Prasad B	2010
6	Lab Manual Vol II  <b>Recommended as Text</b>	Acme Learning an associate of Excel Book Publication.	Dr. Nityanand Choudhary, JSS,Noida	July 2011

	<b>book</b>	Daryaganj, New Delhi	Noida Mr, Daruka Prasad	
7	Lab Manual Vol I  <b>Recommended as Text book</b>	Acme Learning an associate of Excel Book Publication. Daryaganj, New Delhi	Dr. Nityanand Choudhary, Mr, Daruka Prasad	March 2011
8	Perspective of Engineering Physics II  (for UPTU)	Acme Learning an associate of Excel Book Publication. Daryaganj, New Delhi	Dr. Nityanand Choudhary, JSS,Noida  Dr. S H Abdi, BBDIM, Lccknow  Dr. Deepak Kumar, JSS Noida	2009
9	Perspective of Engineering Physics I  (for UPTU)	Acme Learning an associate of Excel Book Publication. Daryaganj, New Delhi	Dr. Nityanand Choudhary,  Dr. S H Abdi,  Dr. Deepak Kumar	2009