

# Shrote Jyoti Narayan



Flat no.201/A-Wing, Dodake Monarch, Near Raghavdas School, Warje  
Malwadi, Pune-411058.

**Mobile No- 8888226098/7743930116**

**Mail Id :** [jyoti.shrote@iccs.ac.in](mailto:jyoti.shrote@iccs.ac.in)

[jyotishrote7@gmail.com](mailto:jyotishrote7@gmail.com)

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## **CAREER OBJECTIVE**

As a part of an institute want to grow within the institute. Want to achieve success in career through innovative and creative thinking where teaching is the main milestone.

## **QUALIFICATION**

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**NET** in 2013

**SET** in 2015

**M.Sc(Electronics)** with **First class** (63.75 %)

## **PERMANENT APPROVAL**

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Received **Permanent approval** from **University of Pune** for the post of **Assist. Professor** in B.Sc.Comp Sci w.e.f 1.04.2014

## **MEMBERSHIP WITH PROFESSIONAL BODIES**

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### **ISCA**

Life Membership with id: IS 36672

## AWARDS

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- Received Best Paper Presentation Award for the paper entitled “**TCP and SCTP Bandwidth Measurement Of Wi-Fi Network In Different Versions Of Android Smartphones**” in Conference held in Modern College of Arts, Commerce & Science, Pune in 2017.
- Received Best Paper Presentation Award for the paper entitled “**TCP Bandwidth Measurement Of Wi-Fi Network In Different Versions Of Android Smartphones**” in Conference held in Indira College of Commerce & Science in 2016.
- Received Best Teacher Award in Indira College of Commerce & Science in 2012.

## RESEARCH PAPERS PRESENTED & PUBLISHED

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### **Presented & Published**

- Dr. Janardan P. , Jyoti S. ,Vijaya K., “TCP and **SCTP Bandwidth Measurement of Wi-Fi Network in Different Versions of Android Smartphones**” and published in International Journal, “Advance & Innovative Research”, Vol.4 Issue-4, baring ISSN No.2394-7780, Impact Factor 3.17, Dec.17.
- Jyoti S.,Vijaya K., “**SCTP Bandwidth Measurement of Wi-Fi Network in Different Versions of Android Smartphones**” and published in International Journal, “Bio Nano Frontier”, Vol.10 Issue-2, baring Print ISSN No.0974-0678, Online ISSN No. 2320-9593, NAAS Rating 4.17, Impact Factor 4.856, Dec.17.
- Jyoti S.,Vijaya K., “**TCP Bandwidth Measurement of Wi-Fi Network in Different Versions of Android Smartphones**” and published in International Journal, “Bio Nano Frontier”, Vol.9 Issue-3, baring Print ISSN No.0974-0678, Online ISSN No. 2320-9593, NAAS Rating 3.22, Impact Factor 4.856, Dec.16.
- Dr. Janardan P., Jyoti S.,Vijaya K. “**UDP Bandwidth Measurement for performance peasurement of Wi-Fi Network in Android Smartphones**”, Genius International Journal, Vol.II, baring Print ISSN No.2279-0489,Impact Factor 3.2504, Feb.17.
- Jyoti Shrote ‘**Study Of Network Security Measures Adopted in Indira Group Of Institutes as case Study**’ in “Recent Trends in Computer Science & Applications and Computational Mathematics” ( ISBN 978-93-5097-319-6)
- Jyoti Shrote ‘**Electrical Circuit Analysis and Simulation using Technical computing Tool** “Recent Trends in Computer Science & Applications and Computational Mathematics” on 21<sup>st</sup> Februrary,2015( ISBN 978-93-5097-319-6)

- Jyoti Shrote “**Connotation Of Modeling and Simulation In the field of Electronics Research**” in 4<sup>th</sup> National Conference on Resent Trends in Computer Science & Applications and Computational Mathematics on 16<sup>th</sup> Jan,2016 having (ISBN No: 978-93-81765-55-5)

## **UNIVERSITY LEVEL ACTIVITIES**

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### **Central Assessment Program ( CAP ) Attended**

9 Programs of University of Pune for B.Sc.Computer Science at Fergusson College, Modern College , Garware College and 2 Program of University of Pune for MCA (Science) at Pune University.

### **Workshop and Seminars Participation**

- Attended workshop at Modern College, Shivaji Nagar ,Pune for implementation of .S. Y. B. Sc. (Computer Science) Syllabus.
- Attended workshop at Abasaheb Garware College, ,Pune for implementation of .S. Y. B. Sc. (Computer Science) Syllabus(Subject- Communication Principles)
- Attended workshop at Kaveri College,,Pune based on Digital Signal Processing for S. Y. B. Sc. (Computer Science) Syllabus.
- Attended workshop at M.M.C. College,,Pune based on Digital Signal Processing for S. Y. B. Sc. (Computer Science) Syllabus.
- Active participation in FDP (Faculty Development Program) held in the college.
- Attended workshop at D.Y.Patil College, Pune for implementation of .S. Y. B. Sc. (Computer Science) Syllabus
- Attended T.Y.BSc.(CS) Syllabus Restructuring Workshop at PVG College, Pune

## **EDUCATION**

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### **National Eligibility Test ( NET )**

From **UGC** in 2013.

### **State Eligibility Test ( SET )**

From **UGC** in 2015.

### **Master’s in Electronics (M.Sc.Electronics)**

**First Class** ( 63.75 % ) from University of Pune.

### **Bachelor’s in Electronic Science ( B.Sc. Electronics)**

**Higher Secondary Class** ( 59.20 % ) from University of Pune

## ***Higher Secondary Education ( HSC )***

**Higher Secondary Class** ( 58.83 % ) from Maharashtra Board

## ***Secondary School Education ( SSC )***

**Distinction** ( 74.74 % ) from Maharashtra Board

## **TECHNICAL KNOWLEDGE**

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### ***Simulators Used***

Matlab , iperf,

### ***Platforms worked***

MS-DOS, MS-Windows

### ***Languages Known***

C programming language, Assembly language for microprocessor and microcontroller.

## **WORK EXPERIENCE**

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**Total Teaching Experience: 11.5 years**

**Indira College of Commerce & Science, Pune**

**June 2008 - Present**

***Lecturer***

**Role**

Subject Teaching to B.Sc., M.C.A. students,  
Project guidance to B.Sc( Computer Science)

### **Subjects Taught**

Principles of Analog Electronics

Principles of Digital Electronics

8086 microprocessor Architecture

Digital Signal Processing

Digital system Hardware

Communication Principles

Computer Network-I and II

**Modern College of Commerce and Science, Pune**

**June '06 – June '08**

***Lecturer***

**Role:**

Subject Teaching to F.Y. B.Sc. (Computer Science) students.

Subject Teaching to S.Y. B.Sc. (Computer Science) students

**Subjects Taught**

Process Control & Instrumentation

Communication Principles

Electronics Practical

Principles of Analog Electronics and Principles of Digital Electronics

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**CONCEPTS EXPERTISE**

Analog Electronics, Digital Electronics, Communication Principle, Digital System Hardware, Digital Signal Processing, Process control and Instrumentation, Microprocessor Architecture, 8051 Architecture, Interfacing and Programming.

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**PERSONAL INFORMATION**

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<b>Gender</b>	: Female.
<b>Marital Status</b>	: Married.
<b>Languages Known</b>	: Marathi, Hindi & English

( **JYOTI SHROTE** )