

**TEACHER'S ACTIVITY REPORT : 2019 - 2020**

**FACULTY: Science**

**DEPARTMENT/ COMMITTEE: PHYSICS**

**IQAC ACTIVITY No: SVC/2019-2020/PHYSISCS/1**

**NAME OF THE ACTIVITY : Investiture Ceremony**

<b>DATE</b>	<b>FACULTY</b>	<b>DEPARTMENT/COMMITTEE</b>	<b>COORDINATOR NAME</b>
27 Sep 2019	Science	Physics, Principia Physics Society	Dr. Garima Saxena (Convener)  Dr. Pratima Vyas (TIC)
<b>TIME</b>	<b>VENUE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>NATURE : OUT/IN – DOOR</b>
11:00AM – 12:30PM	Seminar Hall	B.Sc. (Hons) Students Ist +IIInd +IIIrd year (65)  Faculty : 12	Idoor

Support/Assistance	Sri Venkateswara College, University of Delhi
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**BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. II, III, VII):**

TOPIC/SUBJECT OF THE ACTIVITY	Introduction to Computational Imaging.
OBJECTIVES	The objective of this lecture was to introduce students to the new emerging field of Computational imaging. Students were told about the application of physics, maths and computer science in image reconstruction.
METHODOLOGY	Powerpoint presentation with oral discussion used. White board was also used for explaining required mathematics.

OUTCOMES	The lecture taught students calculus of variation method and how it can be used to develop computational algorithms for image processing. Variations of different parameters will have variable effect on the resulting image. Depending upon the requirement in medical science these algorithms can be optimized to make different image casting machines. The speaker demonstrated his methods in reimaging IIT delhi's logo and also application in various medical images.
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**PROOFS & DOCUMENTS ATTACHED ( Tick mark the proofs attached ):**

Notice & Letters (Poster) : <b>YES</b>	Student list of participation	Activity report	Photos : <b>Yes</b>	Feedback Form
Feedback Analysis	News Clip with Details	Certificate	Any Other (Booklet)	

IQAC Document No:	Criterion No:	Metric No:
Departmental file no :	IQAC file No:	

<b>NAME OF TEACHER(S) &amp; SIGNATURE</b>	<b>NAME OF HEAD/ COMMITTEE INCHARGE &amp; SIGNATURE</b>	<b>IQAC COORDINATOR (SEAL &amp; SIGNATURE)</b>
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Dr. Garima Saxena		
Dr. Pratima Vyas	Dr. Pratima Vyas (Teacher-in-Charge) Department of Physics	Dr. N. Latha IQAC Coordinator Sri Venkateswara College

### For Reference

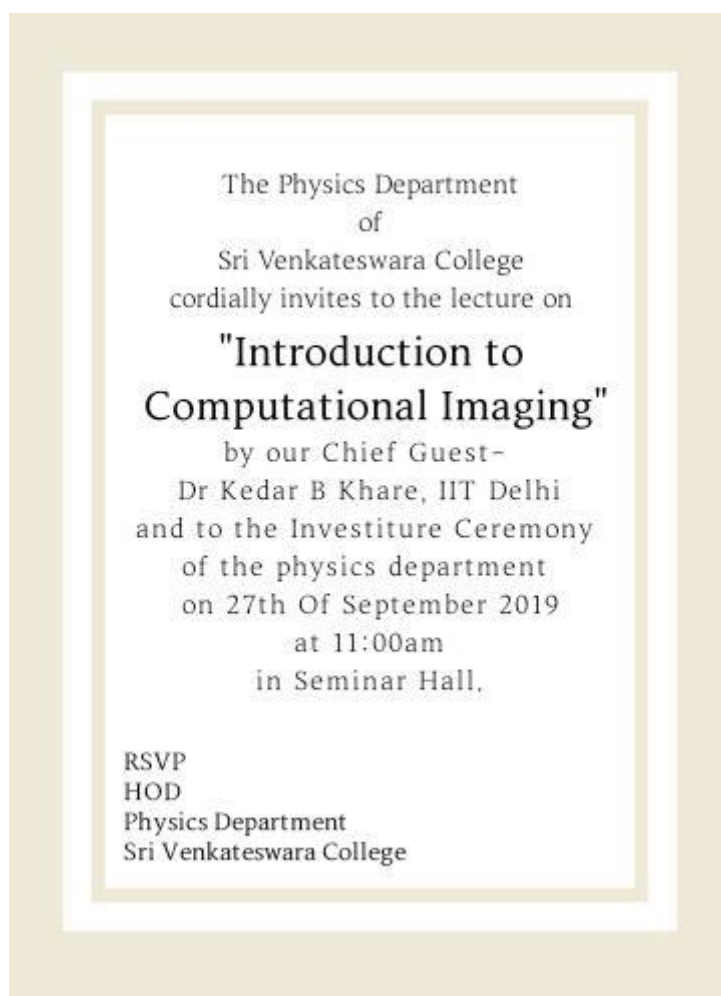
Criterion I	Curricular Aspects (Planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

### Proofs :

\* Activity Report

\* Booklet ( If Any)

\* Poster of the Event



\* Poster of Special event if any

\* Program Schedule

\* Feedback Form

\* Feedback Highlights

\* Photo Gallery



\* Certificate

### **Attendance of Participants**

ACTIVITY: Invited Lecture

Time: 11:00 AM –12:30PM

Date: 27 Sept 2019

Venue: Sri Venkatesawara College

Criterion No: II/ III/ V/ VII

<b>S. No.</b>	<b>Tier</b>	<b>Name</b>	<b>Affiliation</b>
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<b>S. No.</b>	<b>Name of Faculty</b>	<b>Designation</b>
1	Dr. B. V. G. Rao	Associate Professor
2	Dr. Renu Jain	Associate Professor
3	Dr. Pratima Vyas	Associate Professor
4	Dr. A. K. Chaudhary	Associate Professor
5	Dr. K. C. Singh	Associate Professor
6	Dr. Narender Kumar	Assistant Professor
7	Dr. Anant Pandey	Assistant Professor
8	Dr. Manoj Giri	Assistant Professor
9	Dr. Garima Saxena	Assistant Professor
10	Dr. Piyush Parasar	Assistant Professor
11	Ms. Geetika Jain	Guest Faculty
12	Mr. Chirag Malik	Guest Faculty

**List of Guests / Volunteers coming to Sri Venkateswara College for .....(name of event)..... event organised by Department of Physics, SVC.**

