

Sri Venkateswara College of Engineering
Department of Applied Physics

Research Activity Report (July 2017- Dec.2017)

1. Research activities of the faculty members:

Number of faculties in the Department : 8 Nos.
Number of faculties with Ph D qualification : 5 Nos.
Number of faculties pursuing Ph D : 3 Nos.

Members of Faculty who are recognized research supervisors from Anna University

(Pl. enclose copy)

1. Dr.S.Sampath Krishnan
2. Dr.A.Anandavadivel
3. Dr.K.Raju
4. Dr.N.R.Sheela

A). Papers published by the faculty members in National and International Journals:

(Pl. enclose copy of reprint)

S. No.	Name of Faculty	Title of the paper	Name of the Journal	Date
1.	S. Kalpana	Cobalt doped Zinc Oxide nanoparticles for Photocatalytic applications	J. of Ovianic Research.vol.1,No13, 2017	Sept-Oct.2017

B). Papers presented by the faculty members in National and International conferences / symposiums/ workshops: (Pl. enclose copy of details)

S. No.	Name of Faculty	Title of the paper	Name of the Conference	Date and Venue
1.	Ms. G. Bharathy	Molecular confirmation analysis, vibrational spectra NBO, HOMO- LUMO and molecular docking of modafinil based on DFT.	4th National Conference on Materials for Modern World	Eswari Engg College, Chennai 14-9-2017

H). Papers presented in
workshops:

C). National and International Conferences/ symposiums / workshops attended by the Faculty members: (Pl. enclose copy of details)

Sl. No.	Name of Faculty	Name of the Conference/ symposium/ workshop	Place	Date
1	Dr. A. Bhaskaran	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117, TN	28-7-2017
2	Dr. A. Bhaskaran	Inaugural Conference on 'Leveraging Research for Entrepreneurship Development and Innovation'	Hotel Le Royal Meridien, Chennai	7-9-2017
3	Dr. A. Bhaskaran	Two days National workshop on "MATLAB for Applied Sciences"	SCSVMV University Madras.	15-09-2017 & 16-09-2017
4	Dr. A. Bhaskaran	National level Seminar on "Advances In Polymers And Plastics – Applications In Engineering And Technology" Delivered an Invited Talk on, "Introduction to polymers and plastics- Their significance in industry".	S. A. Engineering College, Poonamallee	23-11-2017 & 24-11-2017
5	Dr. A. Bhaskaran	Two days seminar on "Challenges and Recent Developments in Welding of Non-Ferrous Alloys"	SVCE	24-11-2017 & 25-11-2017
6	Dr. S. Sampathkrishnan	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117, TN	28-7-2017
7	Dr.A.Anandavadivel	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	28-7-2017
8	Dr.A.Anandavadivel	Regional First annual convention of IAPT (TN&P),	Dept of Physics, IIT-Madras, Chennai-36,TN	22, 23-9-2017
9	Dr.A.Anandavadivel	XXXII th Annual convention of IAPT and National symposium on recent trends in Physics at different scale,	Dept.of Physics, Gurukula Kangri Vishwavidyalaya, Haridwar-249 404, Uttarakhand	29 to 31-10-2017
10	Dr.K.Raju	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of engineering, Sriperumbudur-602 117,TN	28-7-2017
11	Dr.N.R. Sheela	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	28-7-2017
12	Dr.N.R. Sheela	Concept development for inspiring innovation to bind science and society	AMIT Univ, Chennai	5-10-2017
13	Ms.G.Bharathy	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	28-7-2017
14	Ms.S.Kalpana	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	28-7-2017

2. A). Conferences, Workshop and Guest lectures Conducted:

S. No.	Name of Faculty	Name of the Conference/ symposium/ workshop	Place	Date
1.	Dr.A.Bhaskaran	One day National level workshop on Instrumentation Techniques in Advanced Research.	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	28-7-2017
2	Dr.A.Bhaskaran	Guest Lecture on Recent Advances in chemical engineering Gust Speaker: Prof. P V Ramachandran, University of Purdue, USA	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	8-8-2017
3	Dr.A.Bhaskaran	Guest Lecture on "Introduction to Wearable electronics" Gust Speaker: Prof. A. L. Roy Vellaisamy, Ph.D, Prof in Physics and Materials Science, City University of Hong Kong	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	23-8-2017
4	Dr. A. Anandavadivel	Seminar on Indian Space Physics-Mission- Gust Speaker: Prof. Rajmal Jain, Kadhi Sarva Vidyalaya, Gandhi Nagar, Gujarat	Department of Physics, Sri Venkateswara college of Engineering, Sriperumbudur-602 117,TN	20-10-2017

B). On going funded projects in the Department:

C). Projects submitted to Funding Agencies by the Department:

NIL

NIL

D). Research centre status of the department:

**Recognized Research Centre,
Anna University, Chennai-25**

3) Student Research Activities:

A). List of projects carried out by the students in the department as in house and Industrial project:

NIL

B). Research Publications by students in National and International Journal:

NIL

C). Research Presentations by students in National and International Conferences/ Symposiums / workshops:

NIL

D) National and International Conferences/ symposiums/ workshops attended by the Students:

NIL

4) Sponsorship details of faculty and students:

NIL

I) Sponsorship for faculty members:

A) Faculty sponsored for presentation in National Conferences/ symposiums/ workshops:

NIL

B) Faculty sponsored for presentation in International Conferences/ Symposiums/ workshops:

NIL

C) Faculty sponsored for attending national Conferences/ symposiums/ workshops:

NIL

II) Sponsorship for Students:

- A) Students sponsored for presentation in National Conferences/ symposiums/ workshops : NIL
- B) Students sponsored for presentation in International Conferences/ symposiums/ Workshops: NIL
- C). Students sponsored for attending National Conferences/ symposiums/ workshops: NIL

5) Research cell(s) /area(s) of research:

Materials science,
Dye removal studies,
Computational Spectroscopy,
Ultrasonics
Condensed Matter physics

6) Consultancy work in the department :

NIL

7) Patent information:

NIL

8) Others:

NIL

20/12/19.
Co-ordinator-RO

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Prof. and Head
Dept of Applied Physics

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