





Bharatiya Vidya  
**Bhavan**

## BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE

SAINIKPURI, SECUNDERABAD

Autonomous College-Affiliated to Osmania University

Accredited with 'A' Grade by NAAC

### TWO DAY WORKSHOP ON "EXPERIMENTAL PHYSICS"

#### Chief Patron

**Shri I.Y.R Krishna Rao, IAS(Retd.)**

Chairman  
BVB, Sainikpuri Kendra.  
Former Chief Secretary, Govt. of AP

#### Patron

**Air Commodore (Retd) JLN Sastry, VSM**

Vice Chairman, BVB, Sainikpuri Kendra

#### Workshop Chairman

**Prof.Y.Ashok**

Principal, Bhavan's Vivekananda College, Sainikpuri

#### Advisory committee

**Dr. Venu Gopal Reddy**

Professor of Physics | Retd. ],  
Former Head, Department of Physics, O.U.

**Dr. V. Rajeshwar Rao**

Professor and HOD, Humanities and Sciences,  
Kamala Institute of Technology and Science,  
Singapur, Huzurabad, Karimnagar.  
President, IAPT (RC-22), Telangana.

**Prof. G. Prasad**

Head, Department of Physics, O.U.

**Prof. D. Ravinder**

BOS-Physics, Department of Physics, O.U.

**Prof. Rehman**

BOS-Electronics, Department of Physics, O.U.



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**A Two Day workshop**

on

**"Experimental Physics"**

**22<sup>nd</sup> and 23<sup>rd</sup> March, 2019**

ORGANIZED BY

**DEPARTMENT OF PHYSICS &  
ELECTRONICS**

IN ASSOCIATION WITH  
**INDIAN ASSOCIATION OF PHYSICS  
TEACHERS (IAPT-RC22)**

Chief Guest

**Prof. Chandrasekhar Vadapalli**  
Centre Director, TIFR,  
Hyderabad

Guest of Honour

**Dr. K. Venu Gopal Reddy**  
Professor of Physics | Retd. ],  
Former Head, Department of Physics, O.U.

Keynote Speaker

**Dr. Ravi Chandra Gundakaram**  
Scientist 'F' and Team Leader  
Center for Materials Characterization and Testing, Hyderabad.

#### Registration

Registration Fee: ₹500/-

DD No. \_\_\_\_\_ &

Date: \_\_\_\_\_

Bank: \_\_\_\_\_

NOTE : In case for Online Transfer, Contact the Following.

#### Contact Details

##### Convener:

**Mrs. B. Niraimathi, Head,**  
**Department of Physics and Electronics**  
Email: niraimathib@gmail.com

##### Co-Conveners:

**Mrs. V R Manjula - 9676499011**  
Email: vrmanjula.phys@bhavansvc.org  
**Dr. GSVRK Choudary - 9866552709**  
Email: svrk481974@gmail.com

##### Organizing Committee:

**Mrs. M. Prasanna**  
**Mr. TVLNH Prasad**  
**Mrs. P. Lavanya**  
**Mrs. T. Sai Santoshi**  
**Ms. Asiya Sultana Ahmed**

## PROGRAMME SCHEDULE

<b>DAY 1 : 22<sup>nd</sup> MARCH, 2019</b>	
<b>10:00 am - 11:15 am</b>	<b><i>Inaugural Session</i></b> Address by the Chief Guest Prof. V. Chandrasekhar, Director, TIFR, Hyderabad
<b>11:15 am - 11:30 am</b>	- <b>TEA-BREAK</b>
<b>11:30 am - 12:30pm</b>	<b>Keynote Address</b> Dr. Ravi Chandra G, Scientist 'F', ARCI, Hyderabad.
<b>12:30 pm - 1:30 pm</b>	<b>Technical Session-I</b> Dr. K. Venu Gopal Reddy, Professor in Physics (Retd.) Former Head, Department of Physics, O.U.
<b>1:30 pm - 2:30 pm</b>	- <b>LUNCH</b>
<b>2:30 pm - 4:30 pm</b>	<b>Practical Session-I</b>

<b>DAY 2 : 23<sup>rd</sup> MARCH, 2019</b>	
<b>10:00 am - 11:00 am</b>	<b>Technical Session-II</b> Dr. Venkataiah Gorige, Assistant Professor, School of Physics, University of Hyderabad
<b>11:00 am - 11:15 am</b>	- <b>TEA-BREAK</b>
<b>11:15 am - 12:30 pm</b>	<b>Practical Session-II</b>
<b>12:30 pm - 2:00 pm</b>	<b>Practical Session-III</b>
<b>2:00pm - 2:45 pm</b>	- <b>LUNCH</b>
<b>2:45 pm - 3:45 pm</b>	<b>Valedictory</b>

## LIST OF EXPERIMENTS

1. Study of magnetic field of a circular coil carrying current using Stewart and gee's method
2. Study temperature variation of dielectric constant-curie point
3. To plot b-h curve of transformer core and find the values of magnetic parameters
4. Determination of hall coefficient/magnetic field strength
5. Measurement of magnetic susceptibility of liquid or solution by Quincke's method
6. Photo cell characteristics- determination of plank's constant
7. Determination of specific charge (e/m) of an electron
8. Determine Stefan's constant using a black body radiation chamber
9. Single slit and double slit diffraction by laser source- determination of wavelength
10. Determination of Rydberg's constant
11. Study of solar cell characteristics
12. Experiments using simulation software
  - Study of V-I characteristics of PN junction/Zener diode
  - Verification of Kirchhoff's laws
  - Transient response and frequency response of RC/RL
  - Frequency response of RLC circuit



## Report on Two Day workshop on Experimental Physics

The department of Physics and Electronics, Bhavan's Vivekananda College in association with Indian Association of Physics Teachers (IAPT-RC22) conducted a two day workshop on "Experimental Physics" on 22<sup>nd</sup> and 23<sup>rd</sup> March, 2019. The workshop is intended to give hands-on experience to physics teachers at the undergraduate level with practical experiments comprising of relatively sophisticated and expensive set-ups.

A total 19 participants from 13 colleges along with 8 inhouse faculty members and one international school participated in the workshop with 4 outstation candidates. There participants also include physics teachers from Engineering colleges.

The dignitaries present for the inaugural session were Air Commodore (Retd) JLN Sastry, VSM, Vice Chairman, BVB, Sainikpuri Kendra, Prof. Y. Ashok, Principal, Bhavan's Vivekananda College, Sainikpuri, Prof. V. Chandrasekhar, Center Director, TIFR, Hyderabad, Prof. K Venugopal Reddy, Professor in Physics (Retd.), Former Head, Department of Physics, Osmania University, Mrs B. Niraimathi HOD, Dept of Physics & Electronics, Dr. Ravi Chandra Gundakaram, Scientist 'F', ARCI Hyderabad, Prof. D. Ravinder, BOS-Physics, Department of Physics, Osmania University and Prof. Syed Rehman, BOS-Electronics, Department of Physics, Osmania University. The chief guest, Prof. V. Chandrasekhar delivered a lecture on 'Year of the Periodic Table'. His speech was in an effort to highlight why this year is named the year of Periodic Table. In his lecture he went through the glorious past of the periodic table with little anecdotes and tales mixed-in along with cold hard facts. He finished it off with an optimistic view of how things might evolve in the future.

Following the tea break after the inaugural session was the keynote address by Dr. Ravi Chandra G, Scientist 'F', ARCI Hyderabad titled 'Precision and Accuracy'. His address was to nail in the importance of following the proper technique in any measurement at all levels of sophistication. His talk predominantly consisted of real life examples of measurements at different size scales and what degree of accuracy is needed. He kept reiterating the importance of methodological and precise nature of measurements in any experiments and the academic and professional level.

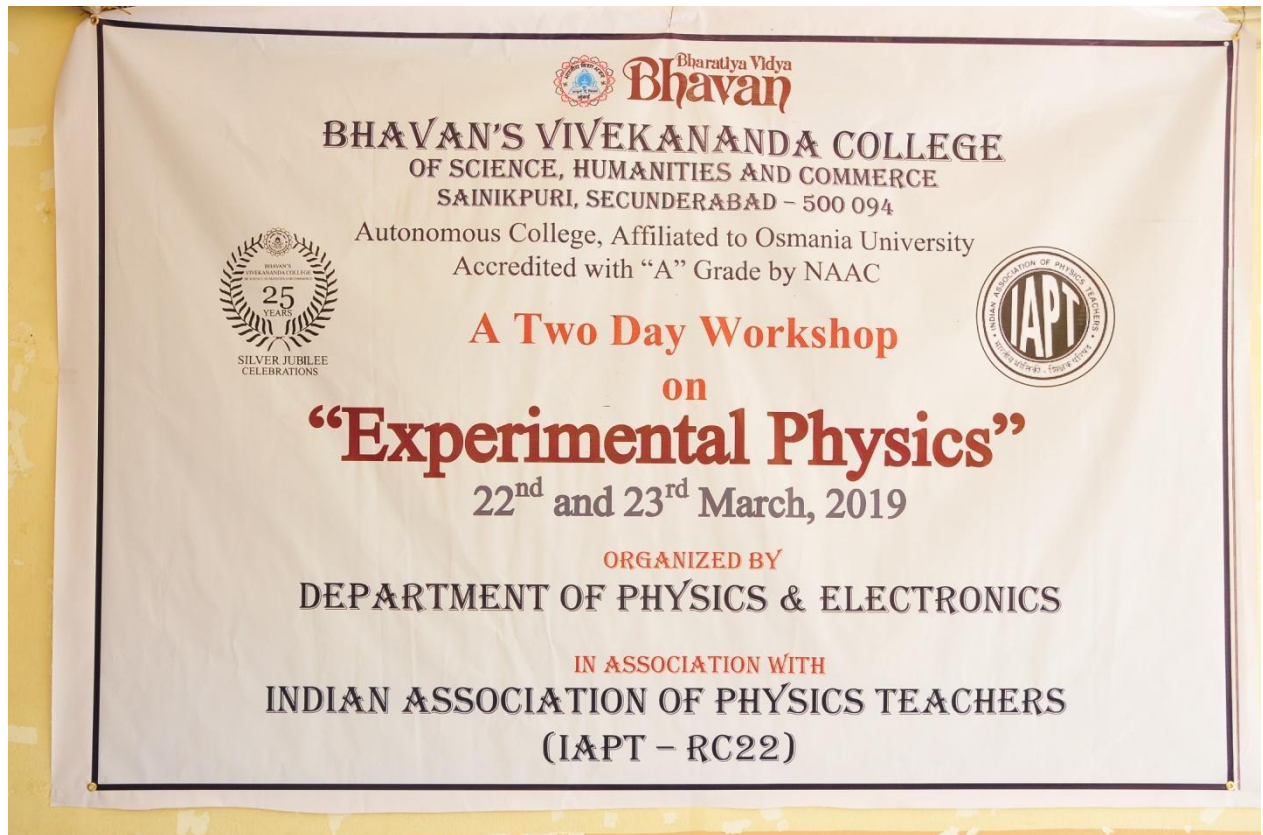
The Technical Session-I followed with a talk by Dr. K. Venu Gopal Reddy, Professor in Physics (Retd.), Former Head, Department of Physics, Osmania University. His talk was titled 'Science for the people and Experimental Physics'. It followed the theme set for the National Science Day which reads 'Science for the people and people for science'. He spoke of how one must not forget that in the quest for science, certain ethics must not be forgotten and that science and physics in particular must ultimately benefit the society in some way. His talk basically highlighted the fact that even though the instruments used in

laboratories may get complicated, the underlying principle of their working is still basic physics and once this thought is firmly rooted into the minds of students, they would no longer fear the experimental side of physics. This is essential because there is no physics without experimentation. This point was reiterated by Prof. D. Ravinder and Prof. Syed Rehman who instructed the participants that they must be their duty to make sure that the basic physics is well understood by the students as it will make or break their future.

The Practical Session–I followed after lunch where everyone was able to view and perform various experiments which are taught at an undergraduate level. The list of experiments totaled twelve different experiments with number of set ups. The participants were provided with handbooks with all the details about the experiments and tables to record data while performing an experiment. The faculty members of the organizing department were present to give a demo if necessary and to answer any queries participants might have.

Day 2 started with a technical session by Dr. Venkataiah Gorige on the topic “Experimental Demonstration of Magnetization Reversal in Ferromagnetic/Ferroelectrics”. His lecture focused on the use of magneto elastic and magneto electric materials for switching circuits. This session was followed by practical session again wherein the participants continued having hands-on experience.

The valedictory session started at 3.00pm with Prof Y Ashok, Dr Venu Gopal reddy and Mrs B Niraimathi gracing the dais. Mrs Manjula presented the report of the workshop. Dr K. Venu Gopal Reddy appreciated the efforts of the Department of Physics and Electronics of the college. The participants gave a feedback about the workshop. The participation certificates were given away to all the participants. Dr Choudary proposed vote of thanks. With this the workshop came to a successful end.













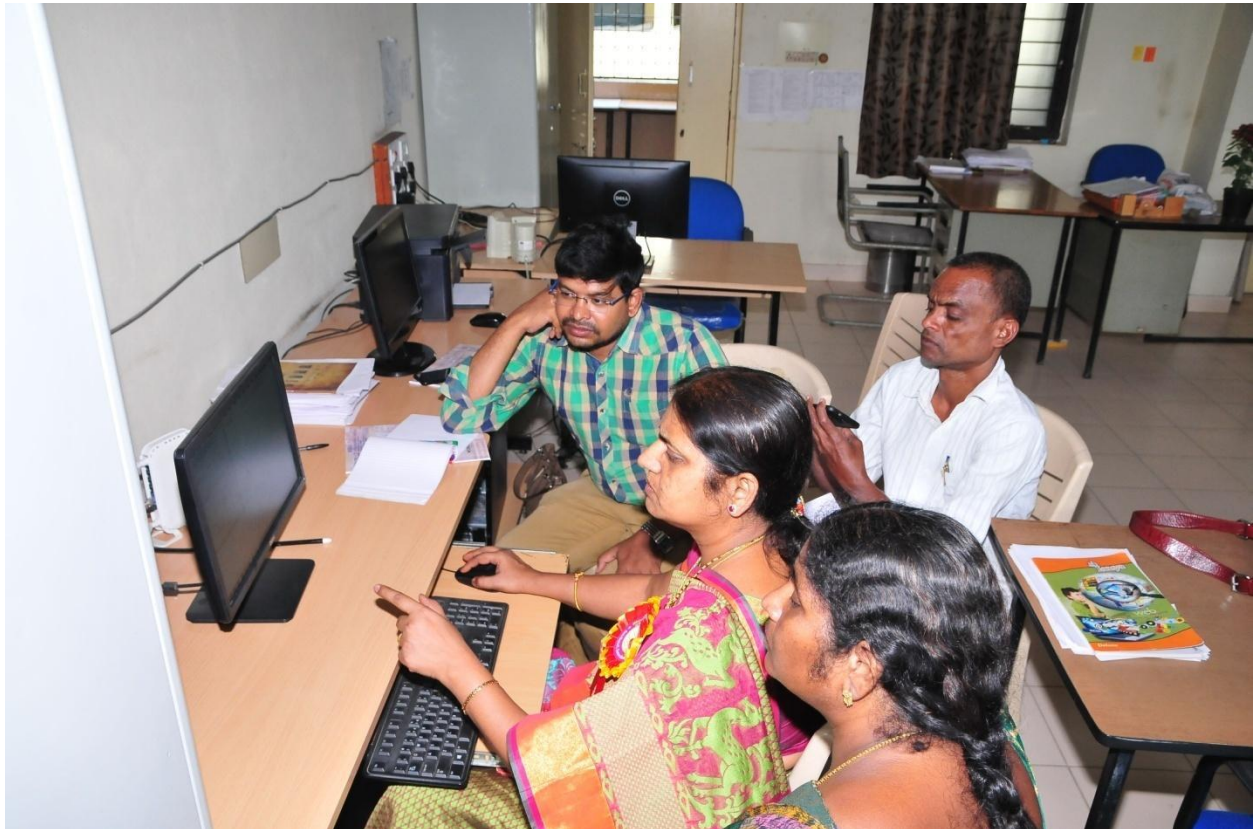




























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**WORKSHOP ON EXPERIMENTAL PHYSICS HELD**  
**PHYSICS TEACHERS GET HANDS ON EXPERIENCE AT UG LEVEL**



**HANS NEWS SERVICE**

**Hyderabad:** The department of Physics and Electronics, Bhavan's Vivekananda College in association with Indian Association of Physics Teachers (IAPT-RC22) conducted a two-day workshop on "Experimental Physics" on March 22, 23.

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Sainikpuri, Prof V Chandrasekhar, Center Director, TIFR, Hyderabad; Prof K Venugopal Reddy, Professor in Physics (Retd.), Former Head, Department of Physics, Osmania University, B Niraimathi HOD, Dept of Physics & Electronics; Dr Ravi Chandra G, Scientist 'F', ARCI Hyderabad, Prof. D. Ravinder, BOS-Physics, Department of Physics, Osmania University and Prof. Syed Rehman, BOS-Electronics, Department of Physics, Osmania University. The chief guest, Prof. V. Chandrasekhar delivered a lecture on 'Year of the Periodic Table'. His speech was in an effort to highlight why this year is named the year of Periodic Table. In his lecture he went through the glorious past of the periodic table with little anecdotes and tales mixed-in along with cold hard facts. He finished it off with an optimistic view of how things might evolve in the future.

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**The prince**

The kingdom of Vijaynagar was a wise and kind King. He was sad and worried. A snake had entered his son's Neither medicine nor worked to cure his son. When Prince grew up, he thought because of the that he worried. And one day, palace. Wandering, he another kingdom. He desolate temple and sta there. He begged for

The King of that King cruel. But he had a kind, tiful daughter. The King happy with his daughter was always ridiculing h hard work. The King "She is always talking of my hard work. I m her to a beggar. The know what hard work

So, when the begg came to beg for food in the cruel King forc marry his daughter. and his new bride sta desolate temple. Or they stopped to tal Princess went arou



*should be based on conceptual l*

**'భవన్స్'లో ముగిసిన వర్క్ షాప్ ఒక**

నేరేమిట్: డివిజన్ పరిధిలోని భవన్స్ డిగ్రీ కళాశాలలో ప్రయోగాత్మక 'ఎలక్ట్రానిక్స్-భౌతికశాస్త్రం'పై రెండు రోజులపాటు కొనసాగిన వర్క్ షాప్ శనివారం ముగిసింది. హైదరాబాద్ లోని 13 కళాశాలలతోపాటు ఒక ఇంటర్నేషన్ స్కూల్ విద్యార్థులు, భౌతిక శాస్త్రం అధ్యాపకులు పాల్గొన్నారు. ఆవర్తన పట్టిక ప్రాధాన్యతను వివరిస్తూ, విజ్ఞాన శాస్త్రం పరిశోధనల నియమాలను విస్తృతంగా వివరించిన ఈ సందర్భంగా వ్యక్తాలు పేర్కొన్నారు. భౌతిక, విజ్ఞాన శాస్త్రాలు ఏదో రకంగా సమాజానికి మేలు చేస్తున్నాయని అభిప్రాయపడ్డారు. 'అయస్కాంత లైజేషన్ రివర్సల్' అనే అంశంపై వివరించారు. మొత్తం 12 ప్రయోగాల జాబితాను విద్యార్థులు అందించారు. అధ్యాపకులు, విద్యార్థులకు నిర్వా



**వర్క్ షాప్ ను పరిశీలిస్తున్న అతిథులు**

హకులు ప్రశంసాపత్రాలను అందజేశారు. భవన్స్ విద్యాసంస్థల చైర్మన్ జేఎల్ఎన్ శాస్త్రి, ప్రెస్మిపాల్ ప్రొ.వై.అశోక్, ప్రొఫెసర్లు వి.చంద్రశేఖర్, కె.వేణు గోపాల్ రెడ్డి, డి.రవీందర్, సయ్యద్ రహమాన్, తో పాటు హెచ్ ఓ.డి. నిరైమతి తదితరులు పాల్గొన్నారు.



# FACULTY ORIENTATION PROGRAM @R.K. MUTT

5th & 6th of June 2018

Attendance June 2018	S.No.	Phone number	Name of the Teacher	Designation	Attendance 5 <sup>th</sup> June 2018
			<b>LANGUAGE DEPARTMENT</b>		
			<b>HINDI:</b>		
	1	9391136608	DR. C. KAMESWARI	HOD-Languages	5/6/18
	2		DR.SANDHYA DAS	Lecturer in Hindi	05/06/2018
			<b>ENGLISH</b>		
	3	9701463073	MS.NARGIS SHAIR ALI	Lecturer in English	5/6/2018
	4	9989826556	MRS.ANNIE CHRISTINA B	Lecturer in English	5/6/18
	5	9849006553	MRS. SARITA DOMINIC XAVIER	Lecturer in English	5/6/18
	6	7013408480	MRS.SWATHINA SASHI	Lecturer in English	5/6/18
	7	4959412343	MS.PAYOSHINI BHARADWAJ	Lecturer in English	5/6/18
	8	9704014706	MRS.V.LAKSHMI	Lecturer in English	5/6/18
			<b>TELUGU:</b>		
	9	9492030002	MRS.I.SAILAJA	Lecturer in Telugu	5/6/18
			<b>FRENCH:</b>		
	10	9392416562	MRS.MANALI BOSE	Lecturer in French	5/6/18
	11		MRS.SANDHYA GARIMELLA	Lecturer in French	05/06/18
			<b>SANSKRIT:</b>		
	12	9866269811	MRS.P.SARADA	Lecturer in Sanskrit	5/6/18
			<b>COMMERCE DEPARTMENT</b>		
	13	7893039358	MRS. L V KAMALA DEVI	Lecturer in Commerce	5/6
	14	9885846745	DR.D.SANJEEVA RAO	Lecturer in Commerce	5/6
	15	8099918240	MRS.PV AJITHA	Lecturer in Commerce	5/6
	16	9030796669	MS.VINAYA CHATURVEDI	Lecturer in Commerce	5/6
	17	9989827210	MRS.JYOTHI MEHRA	Lecturer in Commerce	5/6
	18	9848098405	DR.UMA JAYENDER	Lecturer in Commerce	5/6
	19	9441379801	MRS.SREEMATHI RAGHUNANDAN	Lecturer in Commerce	5/6
	20	9989069708	MRS.C.SREEDEVI	Lecturer in Commerce	5/6
	21	9948733203	DR.SUDHA SINGH THAKUR	Lecturer in Commerce	5/6
	22	9348461666	MRS.Y.VIJAYLAKSHMI	Lecturer in Commerce	5/6
	23	9949995584	MRS.KALYANI GORTI	Lecturer in Commerce	5/6
	24	9949274009	MRS.NIDHISREE DEVARAKONDA	Lecturer in Commerce	5/6
	25		MS.M.VIJAYLAKSHMI	Lecturer in Commerce	5/6
			<b>CHEMISTRY DEPARTMENT</b>		



26		MR.GV.RAMANA MURTHY	Lecturer in Chemistry
27		MRS.MARY NYGI KURIAN	Lecturer in Chemistry
28		MRS.MOUMITA BANDHOPADHYAY	Lecturer in Chemistry
29		MRS.PRERANA LOOMBA	Lecturer in Chemistry
<b>GENETICS/BOTANY/BIOTECH. DEPARTMENT</b>			
30	9849588863	MRS. B. KALPANA	Lecturer in Genetics
31		DR.S. NAGAMANJU	Lecturer in Genetics/BT
32		DR.I RACHANA KUMARI	Lecturer in Genetics
33		MRS.MOHINI AIYENGAR	Lecturer in Genetics
<b>MICROBIOLOGY DEPT.</b>			
34	9963736496	DR. S.P.SREEDHAR BHATTAR	Lecturer in Micro.
35		MRS.S.ANJU	Lecturer in Micro.
36		DR.SHALINI DEVI SUVALA	Lecturer in Micro.
37		MRS.S.CHAITANYA KUMARI	Lecturer in Micro.
<b>BIO-CHEMISTRY DEPT.</b>			
38	9703536015	MRS.RAJANI D.	Lecturer in Biochem.
39		MRS.M.USHA	Lecturer in Biochem.
<b>MATHS DEPARTMENT</b>			
x 40	9160069998	MRS.SANTI ROHIT RAO	Lecturer in Maths
41		MRS. K. SRI LATHA	Lecturer in Maths
42		MS.M.SHOBANA	Lecturer in Maths
x 43		MS.K.SRAVANTHI	Lecturer in Maths
<b>PHYSICS DEPARTMENT</b>			
44	9676499011	MRS. V R MANJULA	Lecturer in Physics
45		MS.K.SRI LAKSHMI SAVITA	Lecturer in Physics
<b>COMPUTER SC. DEPART.</b>			
46	9700186966	MR.P.SRINIVASA	Lecturer in Comp.Sc.
47	9959488770	MR.K.MURALIDHAR	Lecturer in Comp.Sc.
48		MRS.AMITHA MARRAM	Lecturer in Comp.Sc.
49	9052648821	MRS.SHARON ROSY	Lecturer in Comp.Sc.
50		MRS.B.VIJETHA	Lecturer in Comp.Sc.
51	9160881616	MS.VAGDEVI	Lecturer in Comp.Sc.
52		MS.HIMABINDU	Lecturer in Comp.Sc.
<b>BUSINESS MANAGEMENT</b>			
53	9246177357	DR.MAHENDRA	Lecturer in Mgt.Studies
54	944476241	DR.V.VENUMADHAV	Lecturer in Mgt.Studies
55	9849441450	MRS.W.ASHWINI	Lecturer in Mgt.Studies

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BHAVAN'S SRI AUROBINDO JUNIOR COLLEGE  
LIST OF THE STAFF MEMBERS ATTENDING THE PROGRAMME AT RAMAKRISHNA MUTT,  
DOMALGUDA

5<sup>th</sup> & 6<sup>th</sup> June 2018

S.NO	NAME OF THE LECTURER	PHONE NO	Attendance 5 <sup>th</sup> June 18	Attendance 6 <sup>th</sup> June 18
1	MR A SRINIVASA RAO	9700823011	<i>[Signature]</i>	<i>[Signature]</i>
2	MR P V SATYANARAYANA	9949600800	<i>[Signature]</i>	<i>[Signature]</i>
3	MR N RAGHAVENDRA	8106409469	<i>[Signature]</i>	<i>[Signature]</i>
4	MR R NAGARAJU	9866245891	<i>[Signature]</i>	<i>[Signature]</i>
5	MRS P V R SARADA	9441285797	<i>[Signature]</i>	<i>[Signature]</i>
6	MRS B ESTHER RANI	9346441471	<i>[Signature]</i>	<i>[Signature]</i>
7	MR DASHRATH JOSHI	9440044608	<i>[Signature]</i>	<i>[Signature]</i>
8	MR Y V SUBBA RAO	9866061136	<i>[Signature]</i>	<i>[Signature]</i>
9	MR B VINAY KUMAR	9885926931	<i>[Signature]</i>	<i>[Signature]</i>
10	MR V PAVAN KUMAR	9848529511	<i>[Signature]</i>	<i>[Signature]</i>
11	MR U RAMAKRISHNA	9885368928	<i>[Signature]</i>	<i>[Signature]</i>
12	MRS K REVATI	9966586329	<i>[Signature]</i>	<i>[Signature]</i>
13	MRS B SWARNA LATHA	8374723666	<i>[Signature]</i>	<i>[Signature]</i>
14	MRS V SAROJA	9290604636	<i>[Signature]</i>	<i>[Signature]</i>
15	MRS A KAVITHA	8885265809	<i>[Signature]</i>	<i>[Signature]</i>
16	MRS BHARAMARA SRINIVAS	9000063420	<i>[Signature]</i>	<i>[Signature]</i>
17	MRS SHANTA	8008227633	<i>[Signature]</i>	<i>[Signature]</i>
18	MRS K SUNITHA	9949443113	<i>[Signature]</i>	<i>[Signature]</i>
19	MRS G HARATHI	7330942021	<i>[Signature]</i>	<i>[Signature]</i>
20	MRS CORAL NARCIS	9849318660	<i>[Signature]</i>	<i>[Signature]</i>
21	MR J UDAY KUMAR	7989937629	<i>[Signature]</i>	<i>[Signature]</i>
22	MRS B PALLAVI	9177511139	<i>[Signature]</i>	<i>[Signature]</i>
23	MRS G SOUMYA	9347995745	<i>[Signature]</i>	<i>[Signature]</i>
24	MR G KRISHNA	8123776458	<i>[Signature]</i>	<i>[Signature]</i>
25	MRS A JHANSI RANI	8179242449	<i>[Signature]</i>	<i>[Signature]</i>
26	MS O MONICA	8121865995	<i>[Signature]</i>	<i>[Signature]</i>
27	MRS SHRUTHI	9948599510	<i>[Signature]</i>	<i>[Signature]</i>

*Esther*

*K. Revati*

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*M. Shanta*

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## Two Day Faculty Development Program

@ Vivekananda Institute of Human Excellence

Date - June 5<sup>th</sup> & 6<sup>th</sup>, 2018

Venue - VIHE, Ramakrishna Mutt, Domalguda, Hyderabad

### A Report

A two day Faculty Development Program was organized by VIHE, Ramakrishna Mutt for the faculty of Bhartiya Vidya Bhavan, Sainikpuri, Kendra. Twenty seven lecturers from Bhavans Aurobindo Junior college and Fifty five from Bhavan's Vivekananda College participated in the program.

The main objective of the FDP was to train teachers to impart value education based on Bharatiya Sanskriti.

#### Day 1

The program started with a good breakfast. The session started with yoga, which was conducted by **Ms. Zarna Mohan**, who was a disciple of the late yoga exponent BKS Iyengar. She gave an introduction on the principles of yoga and its practice. After the yoga session the teachers proceeded to visit the temple where they could spend time in meditation and prayer.

**Swamy Bodhmayanandji** welcomed the faculty and congratulated the management for taking the initiative of sending their faculty to R.K.Math for the faculty development program. While addressing the faculty he spoke on '**Implementation of values in our lives**'. He said that we have to implement humanity at work place and we need to incorporate it in the existing curriculum. He focused on maintaining the Indian culture and traditions. He also said that, there are problems everywhere amidst which we have to find our path.

**Mr. Murthy** spoke on the vision of **K.M. Munshi**, his very aim to start **Bharatiya Vidya Bhavan** was for the upkeep of the tradition and culture of India. He insisted that the teachers must teach the students the great culture of India.

**Swamy Aakrutananda** spoke on '**Ways and means of implementation of ancient methods to modern education**'. He said that, unless we, the teachers have it in ourselves we cannot teach it to the students. He said that the purpose of education is to convert 'The Animal' Into Divine. He said that our education does not end with a bread winning education. Struggle is the essence of life and one should be as strong as a lion, should neither be optimistic nor pessimistic, but should have a balanced mind.

**Prof. Pramod Kumar**, a student of IIT, Chennai, assistant professor at Amritha Vidyalayam, Coimbatore, sent a recorded file which was played for the faculty. He expressed the challenge of value educational programs in the curriculum. He insisted that it is the responsibility of the teachers to awaken the intellect within the students. Students have to develop a sense of belonging to the

institution and society, which can be done through various activities and celebrations. He emphasized on how to equip our students to deal with all the negativity around them, for which we have to be patient as change takes place gradually. He suggested that the institutions should have a foundation course on culture and heritage. An elective subject based on great epics can be included.

Ms. Shreya, working as a teacher at Dilsukhnagar Public School and is a volunteer at RKMutt who have being selected for Gandhi fellowship will be working for the suburb areas of Gujarat, shared her experience at RK Mutt and how it has brought about a change in her thinking and what is it that students seek in a teacher.

#### Post Lunch

Dr. Vivek Modi, Medical Doctor and trainer, spoke to the faculty on how a teacher's attitude should be. He said that a good teacher's attitude should shift from 'I'm important to you are important.' He said that teaching is all about delivery and not content. He gave insights as to how a teacher should also take care of oneself in regard to health, as it is important for a teacher to stay equally energetic from the first hour to the last hour. Being a doctor himself, he suggested some good and healthy food and sleeping habits to practice.

#### Day 2

The second day started with the yoga session conducted by Ms. Zarna Mohan. Giving the principles and basic yoga techniques, she emphasized on practicing yoga on daily basis. She gave few tips which could be followed at the work place with ease. The faculty had their breakfast after proceeding for the temple visit.

Swamiji addressed the faculty for the day. He gave ancient solutions for modern problems. He stressed on the importance of self - improvement classes. He was sure that we can imbibe our Indian culture in the students during the classes.

DR Ratnakar, Director, Global Hospitals, spoke on Integrating our cultural and moral values into our education. He wanted the teachers and parent be well equipped with the culture of our country and equally practice it. He suggested not to treat it as a separate entity but to make it a part of the curriculum. It can be dealt with in every class during the last ten or fifteen minutes.

He mainly spoke on the ten main concepts through which the culture of any nation would be reflected in. They are : History of the country, politics of the country, language, literature, religion, philosophy, arts, sciences, society and the great men who wrote the history of the country.

He cited three important ways of speaking to children that would make a better impact. Teaching children through parables, as they relate to them and understand their morals in a better way. To imbibe Indian culture and its values into the tender minds, he suggested to collect relevant value-based audio and video clips and present to them at regular intervals. He also suggested to take up case studies based on values. The sacrifices made by the parents for their up bringing should also be narrated to



them at regular intervals. Parents as role models should be able to improve their quality and they should be benefitted by them.

Post Lunch

**Mr. Sravan Kumar, Principal of New Era Junior College, Narayanguda spoke on Social responsibilities, values and culture.** He presented the problems, mannerism and facts of the present generation in a very simple language and gave live examples. He as a Principal is concerned about the welfare of the students but every day becomes challenging to him. While explaining the difference between 'Guru' and 'Upadhyaya', he navigated us through the culture, ethics and moral values of our country. He expressed his unhappiness that Indian culture has unfortunately taken a backseat now. He said that, the parents and teachers need to change, they have to be patient enough with their lads and teach them with utmost love and care. One needs to be devoted towards their duties.

Concluding session

**In the concluding session Swamy Bodmayanandji asked** the teachers to share their experiences on the two day faculty development program. Faculty members from BSAJC and BVC expressed their happiness and shared their views. They expressed their gratitude and gave their impressions and also gave few suggestions for better practices of teaching history and culture to the students during the last few minutes of every class. There was also a suggestion to decentralize Swamy Vivekananda's teachings so that it is accessible for all those who are interested in attending the sessions on a more regular basis.

Swamiji also gave information about the future courses going to be offered exclusively for the girl students. He informed about the Special programs going to be organized at R.K.Math for different age groups during July and August.

The faculty was enriched with the program and felt that more such programs be organized on regular basis which will enhance their teachings skills and they would try to inculcate them into their class room teaching.

Dr. C. Kameswari  
Program Co-ordinator