



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

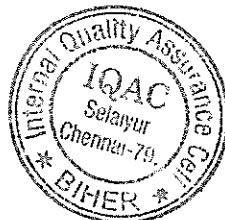
INTERNATIONAL QUALITY ASSURANCE CELL(IQAC)

DOCUMENTS SUBMISSION FORM

Date of submission	01/10/2019
Type of Documents	Workshop
Description	Workshop in Physics-Computer Simulations to enhance Physics Learning
Enclosures	A) Requisition Letter B) Circular C) Boucher, Invitation, Schedule D) List of participants E) Photo F) Feedback form G) Certificate
No. of Pages	15
Submitted by	Name : Dr. Anandhi Designation: Associate Professor Department: Physics Signature :

For Office Use Only

Received by:	K. Sakthivel	Sign:	Date: 1/10/2019
Verified by:	K. Sakthivel	Sign:	Date: 1/10/2019
Uploaded by:	K. Senthil Kumar	Sign:	Date: 1/10/2019
File Name:	BS- WORK - 2019 - 2020 - 006		



DIRECTOR

IQAC BIHER

Dr.P. NAVEENCHANDRAN

Director

Internal Quality Assurance Cell (IQAC)

Bharath Institute of Higher Educational & Research
(Declared as Deemed to be University under section 3 of UGC Act, 1956)
Selayur, Chennai - 600 073, India.



Bharath

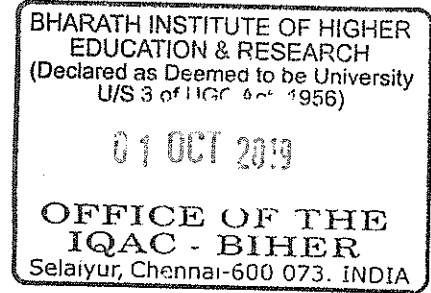
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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12.08.2019

To

The Dean
Bharath Institute of Science and Technology
BIHER
Chennai - 600073.



Respected Sir

**Sub: Two days Workshop to be organized by the Department of Physics,
School of Basic Sciences *in association with* Biozone Research
Technologies Pvt Ltd., Recognized by DSIR, Govt.of India on September
2019 - Request for Approval - Reg.**

It is proposed to organize a two day “Workshop in Physics-Computer Simulations to enhance Physics Learning” on 27/09/2019 and 28/09/2019. The proposal may kindly approved.

Thanking you

HOD/Physics



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23.08.2019

From

The HoD
Department of Physics
School of Basic Sciences
BIHER

To

Dr. S. Kamarajan
Professor
Department of Computer Science and Engineering
IIT Madras

Respected Sir

Sub: The Department of Physics, School of Basic Sciences, BIHER, proposed to conduct a two days “**Workshop in Physics-Computer Simulations to enhance Physics Learning**”- Permission requested to deliver an invited talk - **Reg.**

In the continuation of telephonic conversation, it is requested to deliver an Invited talk in **Workshop in Physics-Computer Simulations to enhance Physics Learning**” *in association with Biozone Research Technologies Pvt Ltd., Recognized by DSIR, Govt.of India on 27/09/20119 and 28/09/2019.* Kindly accept our request and do the needful.

HOD/Physics



Bharath

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23.08.2019

From

The HoD
Department of Physics
School of Basic Sciences
BIHER

To

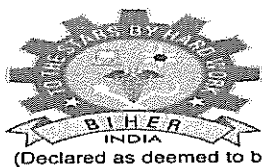
Dr. V.Selvakumar
Professor
Department of computer science
NIT Trichy

Respected Sir

Sub: The Department of Mathematics, School of Basic Sciences, BIHER, proposed to conduct a two days **“Workshop in Physics-Computer Simulations to enhance Physics Learning”**- Permission requested to deliver an invited talk - **Reg.**

In the continuation of telephonic conversation, it is requested to deliver an Invited talk in **Workshop in Physics-Computer Simulations to enhance Physics Learning” in association with Biozone Research Technologies Pvt Ltd., Recognized by DSIR, Govt.of India on 27/09/20119 and 28/09/2019.** Kindly accept our request and do the needful.


HOD/Physics



Bharath

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SCHOOL OF BASIC SCIENCES

01-09-2019

CIRCULAR

We are pleased to inform that the Department of Mathematics, School of Basic Sciences is organizing a two days' "Workshop in Physics-Computer Simulations to enhance Physics Learning" *in association with Biozone Research Technologies Pvt Ltd., Recognized by DSIR, Govt.of India on 27/09/20119 and 28/09/2019.* The details of the program are:

Resource persons : **Dr. S. Kamarajan**
Professor
Department of Computer Science and Engineering
IIT Madras

Dr. V.Selvakumar
Professor
Department of computer science
NIT Trichy

Convener : **Dr. E. Thirumal**

Coordinator : **Dr. S. Anandhi**

The interested students shall register their names for the programs. All are invited to take active part in the program.


Convener



**"Workshop in Physics-
Computer Simulations to
enhance Physics
Learning"
in association with
Biozone Research
Technologies Pvt Ltd.,
Recognized by DSIR,
Govt.of India**

27 & 28th SEPTEMBER 2019

Organized by
**DEPARTMENT OF PHYSICS
SCHOOL OF BASIC SCIENCE**

**BHARATH INSTITUTE OF SCIENCE
AND TECHNOLOGY
BHARATH INSTITUTE OF HIGHER
EDUCATION AND RESEARCH,
A83, 3, AGARAMMAIN ROAD,
TIRUVANCHERY, SELAIYUR, CHENNAI,
TAMIL NADU- 600 126**

www. bharathuniv.ac.in

CHIEF PATRONS

Founder, BIHER

President, BIHER

Managing Director, BIHER

PATRONS

Vice - Chancellor, BIHER

Pro- Vice -Chancellor (Academe), BIHER

Registrar, BIHER

Additional Registrar

Dean- Engineering, BIHER

Dean- Arts and Science, BIST, BIHER

Dean- Science, BIST, BIHER

CHIEF GUEST

Dr. S. Kamarajan
Professor
Department of Computer Science and
Engineering
IIT Madras

Dr. V.Selvakumar
Professor
Department of computer science
NIT Trichy

CONVENOR

Dr. E. THIRUMAL, Associate Professor

CO-ORGANATOR

Dr. S. ANANDHI Associate Professor

ORGANIZING MEMBERS

Mrs. G.SHARMILA, Assistant Professor.
Mrs. M. RANJITHA Assistant Professor

**"Workshop in Physics-Computer
Simulations to enhance Physics
Learning"**

**in association with
Biozone Research Technologies
Pvt Ltd., Recognized by DSIR,
Govt.of India**

27 & 28th SEPTEMBER 2019

Name: Mr/ Mrs/Dr.....

Designation:

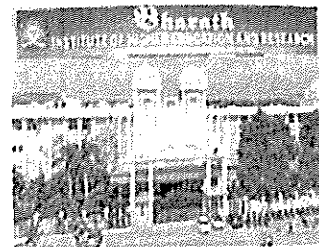
Institution:

Address:

Mobile No:

Oral/ Poster presentation:

E-mail. Id:



Venue: Auditorium

ABOUT THE UNIVERSITY

Bharath Institute of Higher Education and Research (BIHER) also known as Bharath Institute of Science and Technology (BIST) since 1998, informally Bharath University, and formerly Bharath Engineering College is a Deemed University and an Indian institute of higher education located in Chennai, the capital of Tamil Nadu, India. It is recognized by the University Grants Commission (UGC) in the year 2003 and is accredited by the National Assessment and Accreditation Council (NAAC) with the highest grade of A. The institute is committed to the grand task of providing quality education, which will transform the students into efficient and successful careerist. Students who have graduated from BIST are already serving in responsible positions in India and Abroad.

ABOUT THE DEPARTMENT

The Department of Physics, Faculty of Arts and Science, BIHER was established in the academic year 2015- 16. Physics being an integral part of every scientific innovation, teaching the principles of physics to sciences is to lay a strong foundational for future science and technology. The department offers B.Sc., M.Sc., M.Phil & Ph.D physics courses as well as allied subjects to various branches of B.Sc., Chemistry and Mathematics. The curriculum is enriched to expose the students to various theoretical and practical aspects of physics.

We strive and make them competent in understanding and applying physics in their respective fields. Presently the department has a team of four faculty members. The faculty members are well experienced and have an academically sound background.

SCOPE OF THE WORKSHOP

- To impart effective research trends of Hardware Networking through by experts.
- To enhance the research skills of the participants.
- To give exposure about science and technology
- To build confidence and motivate young minds to take up advanced scientific research as a profession .

IMPORTANT DATE

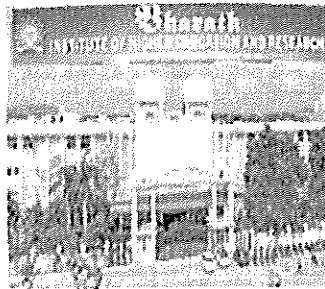
Last date for Registration - 20.09.2019

REGISTRATION FEES

Research Scholars	- Rs 200/-
Faculty and Scientists	- Rs 300/-
Delegates from Industries	- Rs 500/-
Spot Registration for	
Participants	- Rs 300/-
Students (UG&PG)	- Rs 100/-

Address for correspondence

Coordinator,
Department of Physics
School of Basic Science
BHARATH INSTITUTE OF HIGHER
EDUCATION AND RESEARCH,
A83, 3, AGARAM MAIN ROAD,
TIRUVANCHERY, SELAIYUR, CHENNAI,
TAMIL NADU- 600 126
Registration Email
:2020ncrtamr@gmail.com
Contact No:7358591301, 7540019092



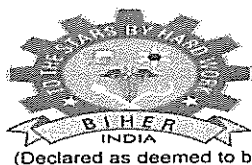
PROGRAM SCHEDULE

27.09.2019

- Inauguration : 09:30 -10.00 A.M
- 09.30 A.M : Welcome Address
Dr. E. Thirumal
- 09.35 A.M : About the seminar
Dr. S. Anandhi
- 09.40 A.M : Introduction to the Chief Guest
Dr. M. Ranjitha
- 09.45 A.M : Inaugural Address by Chief Guest
Dr. S. Kamarajan
Professor
Department of Computer Science and Engineering
IIT Madras
- 10.00 A.M : Invited Talk
Dr. S. Kamarajan
Professor
Department of Computer Science and Engineering
IIT Madras
- 12.30- 1.30 P.M : Lunch Break
- 01.45- 02.45 P.M : Hands on training

28.09.2019

- 9.30 A.M : Invited Talk
Dr. V.Selvakumar
Professor
Department of computer science
NIT Trichy
- 12.30- 1.30 P.M : Lunch Break
- 01.45- 02.45 P.M : Presentation
- 03.00- 03.30 P.M : Participation feedback
- 03.30 P.M : Vote of Thanks
Coordinator



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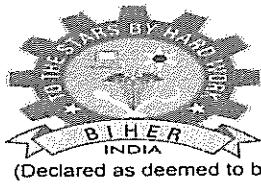
**NAME LIST OF THE STUDENTS REGISTERED FOR WORKSHOP IN PHYSICS-
COMPUTER SIMULATIONS TO ENHANCE PHYSICS LEARNING**

Total No. of Students: 53

S. No.	Participant's Name	Department	College Name
1.	KAVITHA	CS	The New College, Chennai
2.	ILLAVARASI	IT	Women's Christian College, Chennai
3.	INDUMATHY	PHYSICS	The New College, Chennai
4.	RAMESH	IT	Ramakrishna Mission Vivekananda College, Chennai
5.	U17CS025-CHANDRA	CS	Bharath Institute of Higher Education and Research, Chennai
6.	ASHWATHI	PHYSICS	Women's Christian College, Chennai
7.	PAVAN KUMAR	IT	M.N.M Jain Arts and Science, Chennai
8.	U17MT136-BOLLE NAGA VENKATA VINAY AK	IT	Bharath Institute of Higher Education and Research, Chennai
9.	SAROJ KUMAR	CSE	Saveetha Arts and Science, Chennai
10.	NARRA DATTA VENKATA DINESH	CSE	Saveetha Arts and Science, Chennai
11.	U17MT008-MALLELA DEENA BANDHU	PHYSICS	Bharath Institute of Higher Education and Research, Chennai
12.	M VENKATA ANIL	IT	Madras Christian College, Chennai
13.	DASARI MANI RAM ANJAN	IT	Gurunanak Arts and Science, Chennai
14.	MOHAMMAD AZEEM	IT	The New College, Chennai

15.	BATHINI NARAYANA	IT	Ramakrishna Mission Vivekananda College, Chennai
16.	KAKIMANU SEVANTH	IT	Ramakrishna Mission Vivekananda College, Chennai
17.	PYDIMUKKALA SATWICA	CS	Dr. M.G.R. Educational And Research Institute, Chennai
18.	NIHARIKA O A	CS	Saveetha Arts and Science, Chennai
19.	VADLURI SAI KRISHNA	CS	Ramakrishna Mission Vivekananda College (RMVC), Chennai
20.	SAYYAD VASIF HUSSAIN	PHYSICS	The New College (TNC), Chennai
21.	VIJAYAKUMAR DHANUSH	PHYSICS	The New College (TNC), Chennai
22.	GORLE AVINASH	PHYSICS	Madras Christian College, Chennai
23.	MENAKURU NITHEESH KUMAR	CS	Dr. M.G.R. Educational And Research Institute, Chennai
24.	U17AC-138 SAKTHI ELANGO M	CS	Bharath Institute of Higher Education and Research, Chennai
25.	U17AC124-DARSHIKA T	CS	Bharath Institute of Higher Education and Research, Chennai
26.	ANUPRIYA V	CS	Dr. M.G.R. Educational And Research Institute, Chennai
27.	MALLINENI SUCHITRA CHOWDARY	PHYSICS	Gurunanak College, Chennai
28.	SANJAY SRINIVAS V	PHYSICS	Gurunanak College, Chennai
29.	S SRIRAM	PHYSICS	Gurunanak College, Chennai
30.	U17PS014-R VENKADESWARAN	PHYSICS	Bharath Institute of Higher Education and Research, Chennai
31.	U17EC208-KAMARUL MUHAMMED BIN SYED ALI	CS	Bharath Institute of Higher Education and Research, Chennai
32.	IRRUMPORAI R	IT	Saveetha Arts and Science, Chennai

33.	ASHFAQ AHMED I	IT	Madras Christian College, Chennai
34.	ETTIYAMMAL R	CS	S.R.M Arts and Science, Chennai
35.	Y SAI CHARITHA REDDY	CS	S.R.M Arts and Science, Chennai
36.	DEVIKA P	CS	S.R.M Arts and Science, Chennai
37.	KIRAN KUMAR R	PHYSICS	S.R.M Arts and Science, Chennai
38.	SRIRAM G	PHYSICS	S.R.M Arts and Science, Chennai
39.	BENJAMIN FRANKLIN	PHYSICS	Madras Christian College, Chennai
40.	SANJAI S	PHYSICS	S.R.M Arts and Science, Chennai
41.	BRINDHA R	PHYSICS	Dr. M.G.R. Educational And Research Institute, Chennai
42.	DAMMATI SAI JAHNAVI	IT	Dr. M.G.R. Educational And Research Institute, Chennai
43.	ASHWIN KUMAR J	IT	Dr. M.G.R. Educational And Research Institute, Chennai
44.	YUVASREE D	IT	Sri Prince Venkateshwara Arts and Science College, Chennai
45.	VIJAYAVIGNESH U	IT	Madras Christian College, Chennai
46.	U17EC402-SANGEETHA PRIYA D	CS	Bharath Institute of Higher Education and Research, Chennai
47.	SATHIYANARAYANAN P	CS	Madras Christian College, Chennai
48.	KEERTHANA R	CS	Sri Prince Venkateshwara Arts and Science College, Chennai
49.	BHAVANASRI S	CS	Sri Prince Venkateshwara Arts and Science College, Chennai Chennai
50.	KANITI KALYANI	PHYSICS	S.R.M Arts and Science, Chennai
51.	M VARUN KUMARAN	PHYSICS	S.R.M Arts and Science, Chennai
52.	U17BM141- BANU	PHYSICS	Bharath Institute of Higher Education and Research, Chennai
53.	PREMA	PHYSICS	Sri Prince Venkateshwara Arts and Science College, Chennai



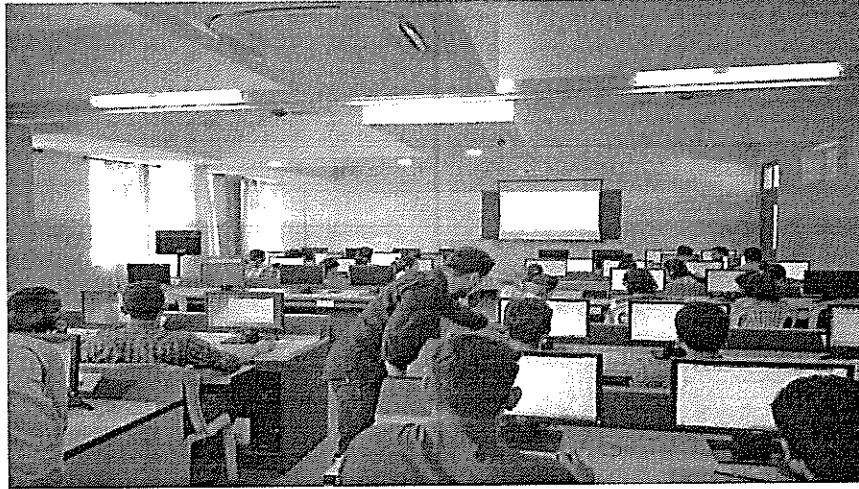
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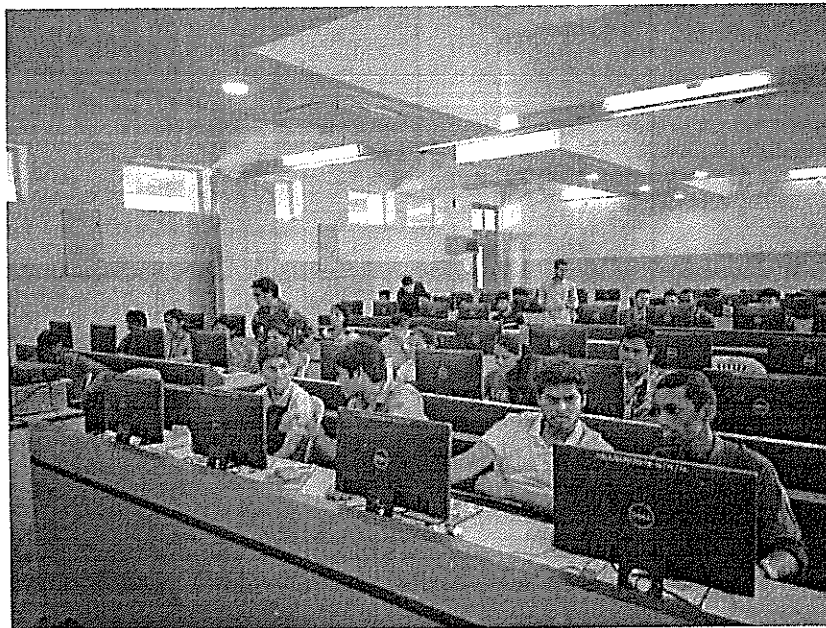
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**Two days “Workshop in Physics-Computer Simulations to enhance
Physics Learning”**

27-28th September 2019



**Students are attending a “Workshop in Physics-Computer Simulations to
enhance Physics Learning” on 27.0.2019**



**Students are attending a Workshop in Physics-Computer Simulations to enhance
Physics Learning on 28.09.2019**



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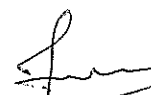
Two days "Workshop in Physics-Computer Simulations to enhance Physics Learning"

27-28th February 2020

FEEDBACK FORM

Name : *Illaravasi*
Department : *physics*
College Name : *wce*

<u>Criteria</u>	<u>Strongly Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Workshop was relevant to my needs	✓		
The program was well paced within the allotted time	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Workshop met my expectations	✓		
Workshop handouts were relevant and useful	✓		


Signature



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Two days "Workshop in Physics-Computer Simulations to enhance Physics Learning"

27-28th February 2020

FEEDBACK FORM

Name : *Rameh*
Department : *IT*
College Name : *Ramakrishna Mission Vivekananda*

<u>Criteria</u>	<u>Strongly Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Workshop was relevant to my needs	<input checked="" type="checkbox"/>		
The program was well paced within the allotted time	<input checked="" type="checkbox"/>		
Content was well organized	<input checked="" type="checkbox"/>		
Questions were engaged	<input checked="" type="checkbox"/>		
Instructions were clear and understandable	<input checked="" type="checkbox"/>		
Workshop met my expectations	<input checked="" type="checkbox"/>		
The presentations were effective	<input checked="" type="checkbox"/>		

[Signature]
Signature



GOLD



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
Approved & Recognized by the Government of India



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No. 172, Ashramam Road, Selalayar, Chennai, T.N - 600 073.



ABET

Certificate of Participation

This is to certify that **ILLAVARASI, Department of Physics, Women's Christian College, Chennai** has participated in the **Workshop in Physics-Computer Simulations to enhance Physics Learning** presented by Dr. S.Kamarajan, Professor, Department of Computer Science and Engineering, IIT Madras Organized by School of Basic Sciences, BIHER, Chennai in association with Biozone Research Technologies Pvt Ltd., Recognized by DSIR, Govt.of India on 27/09/2019 and 28/09/2019


Convener


Biozone Research Technologies


Coordinator