

BHARATI VIDYAPEETH CENTRAL OFFICE, PUNE 30

Ref. No. BV/CO/Admn/ 3430 /2023-2024

Date: 09/06/2023

To,
The Principal,
Bharati Vidyapeeth's
College of Engineering for Women,
Pune 411 043

This refers to your email dated 19/05/2023 at 10.28 p.m. regarding grant of incentives for research publications.

Please note that it had been largely agreed to grant incentives for research publications by way of appreciation / monetary benefits. The Steering Committee has also approved the incentive scheme to be made applicable to the research publications by the faculty, research projects obtained by the faculty and the patents awarded to the institutions based on the innovation of the faculty.

Consequently, a Scrutiny Committee was appointed to conduct the scrutiny of the research publications submitted by the faculties through Institutions of higher education of Bharati Vidyapeeth (excepting those under Bharati Vidyapeeth (Deemed to be University)).

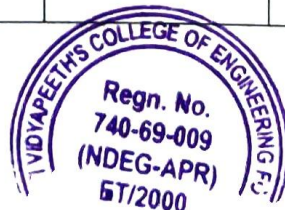
The incentive scheme to be made applicable is as follows:-

Q1	Journals	Rs.10,000/-
Q2	Journals	Rs.7,500/-
Q3	Journals	Rs.5,000/-
Q4	Journals	Rs.2,500/-

In the event of more authors, the award money should be shared equally. This award is only for the Bharati Vidyapeeth faculty. In the event of co-authors from other than Bharati Vidyapeeth, the award will be shared only between Bharati Vidyapeeth faculty.

Accordingly, the Committee scrutinized the applications received and recommended the amount of incentive to be disbursed to the following applicants:-

Sr. No.	Name of the Faculty with designation	Name of the Co-authors. Highlight faculty from Bharati Vidyapeeth (If any)	Title of the Paper	Name of Journal with link	Whether Indexed in SCOPUS / Web of Science / PubMed	Quartile	Sanctioned amount in Rs.
1.	Dr. S. R. Patil Professor	B. S. Gayal, RMD, Pune	Detection and Localization of Abnormal Events for Smart Surveillance	Ingenierie des Systemes d' Information https://doi.org/10.18280/isi.270207	Indexed in Scopus	Q3	5,000/-



Sr. No.	Name of the Faculty with designation	Name of the Co-authors. Highlight faculty from Bharati Vidyapeeth (If any)	Title of the Paper	Name of Journal with link	Whether Indexed in SCOPUS / Web of Science / PubMed	Quartile	Sanctioned amount in Rs.
2.	Dr. S. R. Patil Professor	B.S.Gayal, RMD, Pune	<u>Video Anomaly Detection Using Optimization Based Deep Learning</u>	Smart Innovation, Systems and Technologies https://doi.org/10.1007/978-981-19-2541-2_20	Indexed in Scopus	Q3	5,000/-
3.	Dr. S. R. Patil Professor	B.S.Gayal, RMD, Pune	Detection and Localization of Abnormalities in Video Surveillance using Novel Optimization based Deep Convolutional Neural Network	Multimedia Tools and Applications http://doi.org/10.1007/s11042-023-14917-w	Indexed in Scopus	Q1	10,000/-
4.	Prof. Dr. S. S. Chorage Professor	Ms. Vidya Deshmukh Assistant Professor, research scholar, AISSMSIOIT, Pune	Investigational Outcomes of Normal and Diabetic Human Volunteers using Microwave based Non-invasive Blood Glucometer	International Journal of Emerging Technology and Advanced Engineering, ISSN: 2250-2459, https://doi.org/10.46338/ijetae0622_22 https://doi.org/10.46338/ijetae0622_22	Scopus indexed	Q4	2,500/-
5.	Prof. Dr. S. S. Chorage Professor	Vaishali Kulkarni, Research Scholar, AISSMSIOIT	An Efficient MEMS Sensor Modelling by Geometrical Parameter Optimization	International Journal of Electronics and Telecommunicatio ns, ISSN: 20818491 10.24425/ijet.2022 .139880	Scopus Indexed	Q3	5,000/-

DB

Accountant



Sr. No.	Name of the Faculty with designation	Name of the Co-authors. Highlight faculty from Bharati Vidyapeeth (If any)	Title of the Paper	Name of Journal with link	Whether Indexed in SCOPUS / Web of Science / PubMed	Quartile	Sanctioned amount in Rs.
6.	Prof. Dr. S. S. Chorage Professor	Vinaya Deshmukh, Research Scholar, AISSMSIOIT, Pune	Frequency reconfigurable patch antenna using slot, slits and defected ground structures: parametric analysis	Australian Journal of Electrical and Electronics Engineering ISSN: 1448837X https://doi.org/10.1080/1448837X.2021.2023077	Scopus indexed	Q3	5,000/- <i>Recd</i>
7.	Prof. Dr. S. S. Chorage Professor	Megha Wankhade, Research Scholar, AISSMSIOIT, Pune	Optimized Neural Network with Refined Features for Categorization of Motor Imaginary Signals	International Journal of Image and Graphics ISSN: 02194678 10.1142/S0219467823500535	Scopus indexed	Q3	5,000/- <i>Recd</i>
8.	Prof. R. M. Shamalik Asst. Prof.	Dr.S.M.Koli, DYSOE, Pune	Effective and Efficient Approach for Gesture Detection in video through Monocular RGB Frames	Multimedia Tools and Applications ISSN:1380-7501 https://doi.org/10.1007/s11042-022-14207-x	Indexed in Scopus and Web of Science as well	Q1	10,000/- <i>Received</i>
9.	Prof. R. M. Shamalik Asst. Prof.	Dr.S.M.Koli, DYSOE, Pune	DeepHands: Dynamic hand gesture detection with depth estimation and 3D reconstruction from monocular RGB data	Sadhana Journal ISSN: 0256-2499 https://doi.org/10.1007/s12046-022-02026-7	Indexed in Scopus and Web of Science as well	Q2	7,500/-


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ASD
Accountant

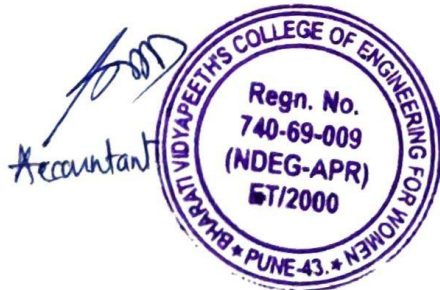


Sr. No.	Name of the Faculty with designation	Name of the Co-authors. Highlight faculty from Bharati Vidyapeeth (If any)	Title of the Paper	Name of Journal with link	Whether Indexed in SCOPUS / Web of Science / PubMed	Quartile	Sanctioned amount in Rs.
10.	Dr. Smita. S. Jadhav Asst. Prof.	Dr. Dipika Jaspal Professor and Head Examination SIT, Symbiosis International (Deemed University), Pune	Batch and column studies using doped polymer for elimination of Sodium 4-[4- (dimethylamino) phenyl] diazenyl benzene-1- sulfonate from wastewater	International Journal of Environmental Analytical Chemistry ISSN: 0306-7319 https://doi.org/10.1080/03067319.2020.1832220	Scopus indexed	Q3	5,000/- Received
11.	Dr. Vijaya Rahul Pawar Asso. Prof.	Mrs. V.K. Patil, AISSMS Institute of Information Technology, Pune, India	Real Time Emotion Recognition with AD8232 ECG Sensor for Classwise Performance Evaluation of Machine Learning Methods	International Journal of Engineering Transactions C: Aspects ISSN: 24237167 10.5829/IJE.2023.36.06C.02	Scopus indexed	Q3	5,000/- Received

You are hereby instructed to disburse the above mentioned amounts and an acknowledgement may be sent to the Central Office for record purpose.


Dr. K. D. Jadhav,
Joint Secretary (Admin.)
Bharati Vidyapeeth, Pune





BHARATI VIDYAPEETH CENTRAL OFFICE, PUNE - 30

Ref: BV/CO/Purchase/6677/2022-2023

Date 20/07/2022

To
The I/C Principal,
Bharati Vidyapeeth's
College of Engineering for Women,
Katraj - Dhanakawadi, Pune - 43.

Sub: - Permission to Expenses for renewal of CSI institutional membership.

Ref: - Your Letter No: BV/COEW/216/2022-23, dated 01.07.2022.

With reference to your above mentioned letter, permission is hereby granted to expenses for total amount of Rs. 12,980/- (Rupees Twelve Thousand Nine Hundred Eighty Only) for renewal of CSI institutional membership.

The said permission is granted subject to the budgetary provision for the year 2022-2023. No amount will be paid to you as loan for the said purpose from the Central Office which please note.

Handwritten signature
(Dr. K. D. Jadhav)
Joint Secretary (Admn.),
Bharati Vidyapeeth, Pune - 30.

Copy to:

The Director (Finance & Audit),
Bharati Vidyapeeth,
Pune - 411030.

1. Accounts
2. P.S. B. S. Adhikari Camp Dept / P.S. IC
or AOP Camp

3. STC

Handwritten signature

Bharati Vidyapeeth's College of Engineering for Women Pune-Satara Road. Pune-411043.	
Inward No.: 117	Sign: <i>Handwritten signature</i>
Date: 20/07/22	



भारती सहकारी बँक लिमिटेड, पुणे
 BHARATI SAHAKARI BANK LIMITED, PUNE
 (Multi-State Scheduled Bank)

KATRAJ DHANKWADI BRANCH, BHARATI VIDYAPEETH
 EDUCATIONAL COMPLEX, KATRAJ DHANKWADI, PUNE
 IFS Code: SVCB0010005

"Valid for 3 months from the date of issue"

2	6	0	8	2	0	2	2
D	D	M	M	Y	Y	Y	Y

11/09/2021 10:21:16 AM

Pay YOURSELF - CSI or Bearer

Rupees रुपये Twelve Thousand Nine Hundred

Eighty Only

अदा करें।

₹ 12,980-00

DDIPL - CTS 2010

Savings at Par A/c. No.: 005002300014124

20210610

For B V COLLEGE OF ENG FOR WOMEN

For Bharati Vidyapeeth's
 College of Engineering for Women

[Signature]
 I/C. Principal

[Signature]
 Authorised Signatory
 Secretary

Please sign above

Payable at all our CBS Branches

⑈ 525782⑈ 411355005⑈ 014124⑈ 31

BHARATI SAHAKARI BANK LTD. PUNE-30 Application form for fund transfer through Real Time Gross Settlement (RTGS) National Electronic Fund Transfer (NEFT)

Branch Code / Name	Pharakhwadi	Limit for transactions	
Date	26-8-2022	NEFT <input checked="" type="checkbox"/>	₹ 1 to No Limit
Time		RTGS <input type="checkbox"/>	₹ 2.00 Lakh to No Limit

You are requested to remit the proceeds as per details below through RTGS / NEFT Tick the appropriate Box
 Attaching Cheque No 925182 for ₹ 12980/- (For RTGS draw cheque favouring "Bharati Sahakari Bank Ltd. RTGS" and for NEFT draw cheque favouring "Bharati Sahakari Bank Ltd. NEFT")

Beneficiary Details	
Beneficiary Party Name	CSI Education Directorate
Beneficiary Party Account Number	10792463745
Beneficiary Party Address	SME Branch, Adyar, Chennai - 600020
Beneficiary Bank Name & Branch	State bank of India (SBI)
Beneficiary Bank IFS Code	SBITM003361 (Account Type : Resident <input type="checkbox"/> / Non Resident <input type="checkbox"/>)
Amount (in figures) to be credited	12,980/-
Amount (in words) to be credited	Twelve thousand nine hundred eighty only
Remitter Details	
Remitter (Applicant) Name	BVC OEX, Pune
Remitter Account Number (15 digits)	005002300014124
Remitter PAN	
Mobile Number of Remitter Mandatory	9890228394 E-mail ID :
Remarks / Purpose	CSI membership

Terms & Conditions

- I / We hereby authorize Bharati Sahakari Bank Ltd., To carry out the RTGS / NEFT transaction as per details mentioned above.
- I / We hereby agree that the aforesaid details including the IFS code and the beneficiary account No. are correct.
- I / We further acknowledge that Bharati Sahakari Bank accepts no liability for any consequences arising out of erroneous details provided by me / us.
- I / We agree that the credit will be affected solely on the beneficiary account number information, beneficiary name particulars will not be used for the same.
- I / We authorize the bank to debit my / our account with remittance amount plus charges plus taxes as applicable for this transaction.
- I / We agree that requests submitted after the cut off time will be sent in next batch or next working day as applicable.
- I / We hereby agree & understand that the RTGS / NEFT request is subject to the RBI regulations and guidelines governing the same and also the policy of the Bank.
- I / We also understand that the remitting Bank shall not be liable for any loss of damage arising or resulting from delay in transmission delivery or non-delivery of Electronic message or any mistake, omission or error in transmission or delivery thereof or in deciphering the message from any cause whatsoever or from its misinterpretation received or the action of the destination Bank or any act or link down at any point or even beyond control.
- I / We agree that once the request is initiated by the branch cannot be stopped by me / us.
- In case RTGS and NEFT option is not ticked by me/us, I/We authorize you to execute the transaction equal or more than Rupees Two Lakh through RTGS and debit the charges as applicable.

Signature of Authorized Signatory	I/C PRINCIPAL Bharati Vidyapeeth's College of Engineering For Women Katraj, Dhankawadi, Pune-43	2 nd Signatory	3 rd Signatory
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Branch Use Only			
KYC complied - Yes <input type="checkbox"/> No <input type="checkbox"/>			
Transaction Entered by	Employee Code	Signature	
Transaction Authorized by	Employee Code	Signature	Branch Stamp & Date

Customer Acknowledgement	
Received application for RTGS <input type="checkbox"/> / NEFT <input type="checkbox"/> for an amount of ₹ _____ vide cheque number _____ to be credited to Account Number _____ of _____ Bank with IFS Code _____	
Customers will be guided by the Terms and Conditions mentioned in the form. Bharati Bank will accept no liability for any consequences arising out of erroneous details provided by the Customer.	
Date _____	Time _____ Branch Stamp & Sign _____

CSI Institutional membership mail

Academic year 2022-23 and 2023-24

Ms. P. Miraclin Dories

Mail Date: 1/10/2022

From : miraclin@csi-india.org [undefined:miraclin@csi-india.org]

To : sandip.patil@bharativedyapeeth.edu
dhondiram.pukale@bharativedyapeeth.edu
shital.jadhav@bharativedyapeeth.edu

CC : edaccounts@csi-india.org
csinhq_accounts@csi-india.org

Dear Professor,

Greetings from CSI-ED.

We have processed your Application Form (Institutional Membership).

Your Institutional Membership No - M10895

□

CSI Current Nominating Authority

NA - Name	Mobile No.	Email ID
Prof.S.R.Patil	94232 11277	sandip.patil@bharativedyapeeth.edu

□

CSI Current Nominee Membership Details

S.No	Member ID	Nominee Name	Mobile No.	Email Id	Validity
1	F8004467	Prof.S.R.Patil	94232 11277	sandip.patil@bharativedyapeeth.edu	30.09.2024
2	F8004468	Prof.Dhondiram D. Pukale	98227 42609	dhondiram.pukale@bharativedyapeeth.edu	30.09.2024
3	F8004469	Prof.Shital A. Karande	90499 89091	shital.jadhav@bharativedyapeeth.edu	30.09.2024

Assigned Professional CSI Chapter - Pune

Note:- Your Institutional Membership next renewal due date is 1st October 2024

Hard Copy of Institutional Membership Certificate, three nominees ID Cards & Payment Receipt will take time to dispatch.

Thanks & Regards,

Mrs.P.Miraclin Dories

Academic Institutional Membership & Student Branch

Computer Society of India

Education Directorate,

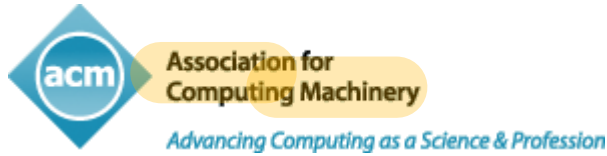
National Headquarters,

CIT Campus, IV Cross Road

Taramani, Chennai - 600 113

Tamil Nadu.

Mobile - 99622 57662



Association for Computing Machinery
1601 Broadway, 10th Floor
New York, NY 10019-7434

Advancing Computing as a Science & Profession

Client Name

Dr. Deepali Atul Godse

Client No: **0417180**

PROFESSIONAL

Client: 0417180

Order: 12672128

Date: 16-Sep-2022

Address Information

Ship to:

Dr. Deepali Atul Godse
BV's College of Engg. for Women,
Pune-Satara Road
Pune 411043
India

Bill to:

Dr. Deepali Atul Godse
BV's College of Engg. for Women,
Pune-Satara Road
Pune 411043
India

Order Detail

Memberships & Subscriptions

Name	Qty	Service Dates Effective - Expire		Line Total	Amount Paid	Amount Due
Professional Membership	1	10/2022	09/2023	1500 Rs	1500 Rs	\$0.00
Online Cacm	1	11/2022	10/2023	0 Rs	0 Rs	\$0.00
Memberships & Subscriptions Sub-Total				1500 Rs	1500 Rs	0 Rs

Single Purchase Items

Name	Code	Qty	Line Total	Amount Paid	Amount Due
Acm-W Public List Subscription	ACMW	1	0 Rs	0 Rs	0 Rs
Email Forwarding Account	124	1	0 Rs	0 Rs	0 Rs
Technews	180	1	0 Rs	0 Rs	0 Rs
India Gst	SVCCHRG	1	270 Rs	270 Rs	0 Rs
Single Purchase Sub-Total			270 Rs	270 Rs	0 Rs

Grand Total

1770 Rs

0 Rs

Payment Information

Method: (proflevel)

Rupees

State of Residence:

Maharashtra

Payment:

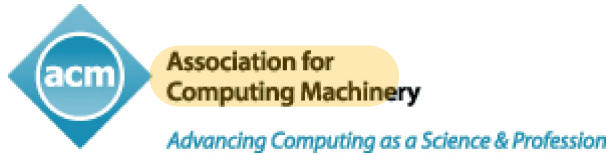
\$0.00

Batch Date/Sequence:

16-Sep-2022 / 999

This is B2C transaction with GSTIN **27AABAA6159L1ZI**.

If claiming ITC, please provide your GSTIN to **office@taxmateindia.com** along with the receipt.



Association for Computing Machinery
1601 Broadway, 10th Floor
New York, NY 10019-7434

Advancing Computing as a Science & Profession

Client Name

Prof. Ashwini Vitthal Kanade

Client: 8695643

Order: 12671920

Date: 16-Sep-2022

Client No: **8695643**

PROFESSIONAL

Address Information

Ship to:

Prof. Ashwini Vitthal Kanade
BV College of Engg. for Women
Katraj-Dhankawadi
Pune 411043
India

Bill to:

Prof. Ashwini Vitthal Kanade
BV College of Engg. for Women
Katraj-Dhankawadi
Pune 411043
India

Order Detail Memberships & Subscriptions

Name	Qty	Service Dates Effective - Expire		Line Total	Amount Paid	Amount Due
Professional Membership	1	09/2022	08/2023	1500 Rs	1500 Rs	\$0.00
Online Cacm	1	11/2022	10/2023	0 Rs	0 Rs	\$0.00
Memberships & Subscriptions Sub-Total				1500 Rs	1500 Rs	0 Rs

Single Purchase Items

Name	Code	Qty	Line Total	Amount Paid	Amount Due
Email Forwarding Account	124	1	0 Rs	0 Rs	0 Rs
India Gst	SVCCHRG	1	270 Rs	270 Rs	0 Rs
Single Purchase Sub-Total			270 Rs	270 Rs	0 Rs

Grand Total

1770 Rs

0 Rs

Payment Information

Method: (proflevel)	Rupees
State of Residence:	Maharashtra
Payment:	\$0.00
Batch Date/Sequence:	16-Sep-2022 / 999

This is B2C transaction with GSTIN **27AABAA6159L1ZI**.

If claiming ITC, please provide your GSTIN to **office@taxmateindia.com** along with the receipt.

22-23

Date
14/09/22

To,
The Principal,
BVCOEW,
Pune 43.

378
J.M.A.

Subject:- About getting remuneration for attending Two days workshop on Automation of Physics expts. at VIIT.

Seminar & Workshop

Respected sir,

I, Mr. Milind Anand Patwardhan

is willing to attend the two days workshop on automation of physics expts. using Arduino at V.I.I.T Pune from 15/09/22 to 16/09/22.

This workshop will be helpful for automation of existing physics lab expts. & actively work with students on their PBL projects.

The fees for the workshop is 1000/- Rs which I have already paid for the purpose of registration.

I request you with this application to grant me the registration fees for attending the workshop.

"Thanking You"

Received Amount
M.A.

Accounts
for n.a. / Regis. charge

29/09/22

Yours truly

M.A. Patwardhan

No.

10 378

Date :

15/9/22

RECEIVED with thanks from

Patwardhan M. Anand

the sum of Rupees

One Thousand only

by cheque / draft / cash, in full / part / advance

payment of our Bill No

Dated

15/9/22

A/c of

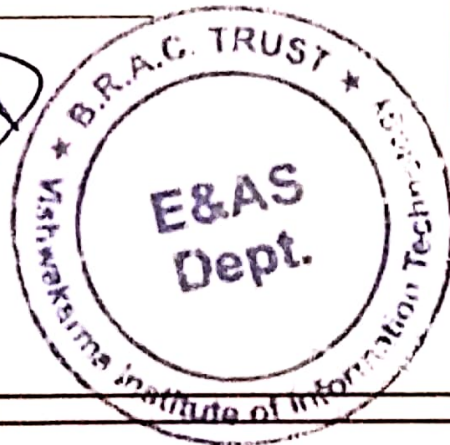
VIT,
June



₹

1000

[Handwritten initials]



[Handwritten signature]

Signature

This receipt is valid subject to Realisation of cheque.



BRACT's

Vishwakarma Institute of Information Technology

An Autonomous Institute affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi
NAAC Accredited with A Grade, An ISO 9001:2015 Certified Institute,
S.No. 2/3/4, Kondhwa Budruk, Pune 411048, Maharashtra, India.

To,
Director/ Principal
Engineering College
(Affiliated to SPPU, Pune).

06.09.22

Subject: Two days' offline workshop on Automation of Physics Experiments using Arduino, on 15th and 16th September 2022.

Dear Sir/ Madam,

The primary mandate of engineering colleges is to produce engineers who have a very strong base of fundamentals learned through basic sciences and also have skills to apply this knowledge to produce tangible solutions for societal prosperity. The subject of Engineering Physics has been laying the foundations of all engineering streams for several decades now. The introduction of Project Based Learning (PBL) in the curriculum of SPPU has addressed the long-standing requirement of skills development for applying this knowledge. In this context, the Physics faculty has already started upgrading themselves. To support their efforts to upgrade their skills, we are arranging a **Two days' offline workshop on Automation of Physics experiments using Arduino on 15th and 16th September 2022.**

This workshop will introduce the participants to the basics of Arduino, resources available on the internet and hands-on implementation of automated data acquisition for a few Physics experiments like **measurement of bandgap of a thermistor, mass-spring oscillator, Malus law of polarization etc.** A brief introduction to data analysis and representation using Python will be given and will be followed up after the workshop for a detailed analysis.

After the workshop, the faculty will be able to initiate automation of existing Physics Lab experiments and actively work with the students on their PBL projects.

I request you to depute the Physics faculty from your esteemed college for this workshop.

With best regards

Prof. Rohini S. Bhalerao-Panajkar (Convener). Mobile No. 9890210747

Prof. Chandrashekhar S. Garde (Co-Convener). Mobile No. 9860162815

Professors of Physics

Department of Engineering & Applied Sciences

Vishwakarma Institute of Information Technology

Kondhwa, Pune-411048.

Workshop Registration Details

Registration Fees: 1000/-

Registration Form Link: <https://forms.gle/YUwQg8xiFV6qMnyp7>

Institute website: www.viit.ac.in (Location Map given on the website).

Bank details:

Name of the Bank: Punjab National Bank

Name of the Account Holder: BRACT's Vishwakarma Institute of Information Technology

Account No: 10881011001265

IFSC Code: PUNB0108810

Type of Account: Current

Branch: 917/20-20 A, Fergusson College Road, Pune 411004

Payment Mode:

Google Pay/ Phonepe/ RTGS-NEFT Transfer.

Scan the QR Code, given below, for online payment.

QR Code for Online Fees Payment





BRACT's

Vishwakarma Institute of Information Technology

An Autonomous Institute affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi
NAAC Accredited with A Grade, An ISO 9001:2015 Certified Institute,
S.No. 2/3/4, Kondhwa Budruk, Pune 411048, Maharashtra, India.

Department: Engineering & Applied Sciences

Two days' Workshop on Automation of Physics experiments using Arduino

Date	Session	Session No	Time	Session to be conducted by	Topic/Event	Venue
15.09.22	Morning	-	9.00 -9.30 am	-	Registration & Breakfast	E building ground floor & E 121
			9.30 - 10.00 am	-	Inaugural	E bldg-309
		1	10.00 - 11.15 am	Mr. Nitin Sakhare	Introduction to Microprocessors	E bldg-309
			11.15 - 11.30 am	Tea Break		
		2	11.30 - 1.00 pm	Mr. Nitin Sakhare	Basics of Arduino & NodeMCU	E bldg-309
			1.00 - 2.00 pm	Lunch Break		
	Afternoon	3	2.00-3.15 pm	IOT Team	Hands on Demonstration on the use of sensors with Arduino	E 301
			3.15-3.30 pm	Tea Break		
		4	3.30 - 5.00 pm	Prof. C.S.Garde	Automation of Physics Experiments with case studies	E bldg-301
16.09.22	Morning	1	10.00 - 11.15 am	Prof. Rohini S. Bhalerao-Panajkar	Calculations & Analysis using Excel with a case study	E bldg-309
			11.15 - 11.30 am	Tea Break		
		2	11.30 - 1.00 pm	Mrs. Rupa Sonagi	Basics of Python Programming	E bldg-309
			1.00 - 2.00 pm	Lunch Break (E building ground floor & E 121)		
	Afternoon	3	2.00-3.15 pm	Physics Team	Hands on Activity	E 301 & E 315
			3.15-3.30 pm	Tea Break		
		4	3.30 - 5.00 pm	-	Valedictory	E bldg-309

Rohini S. Bhalerao-Panajkar
Prof. Rohini S. Bhalerao-Panajkar
Convener

C.S. Garde
Prof. C.S.Garde
Co-Convener



To PNB - Pune

₹1,000

✓ Completed • September 9, 2022 at
3:46 PM



Bank Of Maharashtra
XXXXXXXX9559



UPI transaction ID
225286686084

To
•••• 1265

From: Mr MILIND ANAND
PATWARDHAN (Bank Of
Maharashtra)
milindapatwardhan@okaxis

Google transaction ID
CICAgJDM7rjzbA

POWERED BY



G Pay

Pages)
OR
IOA



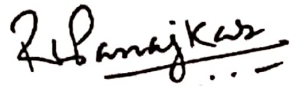
BRACT's

Vishwakarma Institute of Information Technology

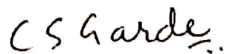
An Autonomous Institute Affiliated to Savitribai Phule Pune University Approved by AICTE, New Delhi
NAAC Accredited with A Grade, An ISO 9001:2015 Certified Institute,
S.No. 3/4, Kondhwa Budruk, Pune 411048, Maharashtra, India.

Certificate of Participation

Presented to Patwardhan Milind Anand of
_____ for attending the
Two days' workshop on "Automation of Physics Experiments
using Arduino", conducted on 15th and 16th September 2022 at
Vishwakarma Institute of Information Technology, Pune.



Prof. Rohini S. Bhalerao-Panajkar
Convener



Prof. C.S. Garde
Co-Convener



Mr. A.B. Raut
HOD E&AS



Prof. Vivek S. Deshpande
Director, VIIT

Bharati Vidyapeeth's College of Engineering For Women Pune 43

Department of Engineering Sciences and Allied Engineering

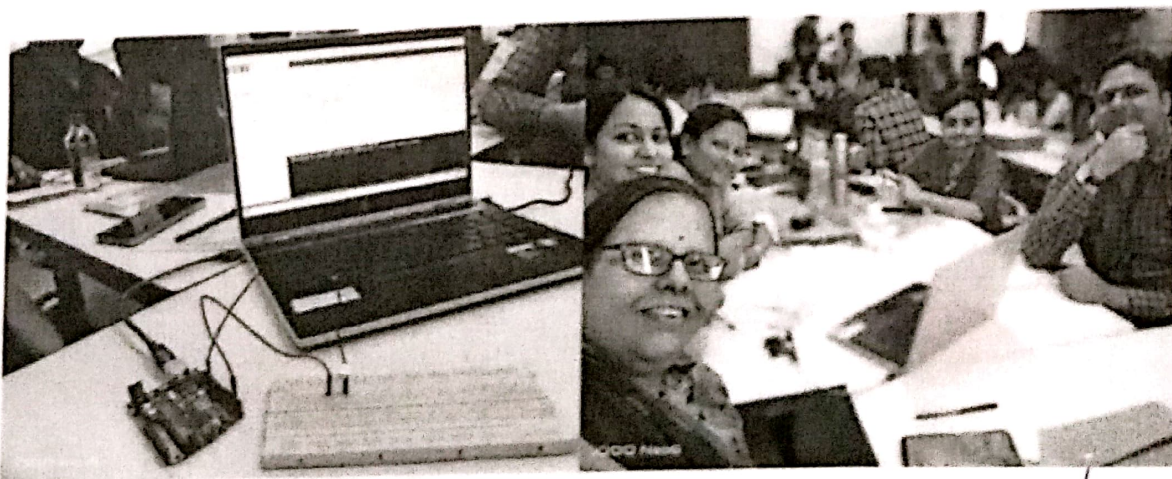
Report of 2 days workshop on Automation of Physics experiments using Arduino held at VIIT pune from 15/09/22 to 16/09/22.


The subject Engineering Physics has been laying the foundations for all Engineering streams over several decades. The introduction of Project based learning (PBL) in the curriculum of SPPU has addressed the long standing requirement of skills development for applying this knowledge. The above said workshop was really helpful to upgrade the skills of faculty.

This workshop introduced the participants about basics of Arduino, such as introduction to microprocessor, coding and IDE platform, library of available codes, followed by hands on experience for upgrading Physics experiments such as band gap of semiconductor, Malu's Law etc. Followed by data analysis and representation using Python. After this workshop faculty will be able to initiate automation of existing physics experiments and actively work with students for their PBL projects.

Day1 was started with presentation of Prof. Nitin Sakhare about introduction to microprocessor, its pin configuration. Then he discussed about basics of Arduino and NodeMCU. In the afternoon session the IOT team of VIIT held hands on demonstration of various sensors such as ultrasonic sensor, heat sensor, flame sensor and their configuration with Arduino. It was followed by Automation of Physics experiments.

Day2 was started with presentation of Prof. R.C.Panajkar on calculation & analysis using Excel with case study. Then it was followed by session on Basics of Python programming by Prof. Rupa Sonagi. Afternoon session was again a hands on activity for upgrading physics experiment. For our team an experiment on Neton's law of cooling was and we did successful excecution of the given task. I hareby attach some photographs of the event also.




Prof.M.A.Patwardhan



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Email Forwarding Account	124	1	0 Rs	0 Rs	0 Rs
India Gst	SVCCHRG	1	270 Rs	270 Rs	0 Rs
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भारती विद्यापीठाचे

महिला अभियांत्रिकी महाविद्यालय

कात्रज-धनकवडी, पुणे - ४११ ०४३.

खर्चाची पावती

पावती नंबर

314

87

मा. प्राचार्य, महिला अभियांत्रिकी महाविद्यालय, कात्रज-धनकवडी, पुणे ४३, यांना,

पावती लिहून देणार सौ./श्री.

Vinod Prakash Mulik

पत्ता BVCOE CO, Pune

खाते

दिनांक 01/08/2022

तपशील	रुपये	पैसे
Annual Meet - IIC (AICTE Regional Meet)	900/-	
Symbiosis International University		
A/P - Lavale Campus, Dist Pune.		
On - 01st Aug. 22 (04 Persons)		
एकूण अक्षरी रुपये Nine Hundred Rupees only फक्त	900/-	

वरील तपशीलाप्रमाणे रक्कम रोख / चेकने मिळाली, आभारी आहोत. चेक नंबर

बँक

प्राचार्य

अकाउंट

सही

.....

AICTE, IIC Regional meet

Annual meet - IIC, at Symbiosis International University, Lavale Campus, Tal. Mulshi, Pune-46

= No. of Staff members attended the meet \Rightarrow 04 persons,

\Rightarrow Date \Rightarrow 01/08/2022.

[Signature]



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education, Government of India



Regional Meet
Institutions' Innovation Council
MoE's Innovation Cell

Certificate of Participation

Vinod Mulik

Bharati Vidyapeeths College of Engineering for Women, Pune, Maharashtra
has participated in the regional meet held on 01st Aug 2022 at
Symbiosis International University, Pune.

Dr Ramakrishnan Raman
IIC President,
Symbiosis International (Deemed University)

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

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AMRIT	1	40.00	40.00
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Items: 1 Rs. 50/-
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ITEM_NAME	QTY	RATE	TOTAL
SHITAFHAL MILKSHAKE	1.00	50.00	50.00
Items: 1			Rs. 50/-
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NET			Rs. 10/-

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 BILL NO 22081126846

ITEM_NAME	QTY	RATE	TOTAL
A	5	10.00	50.00
Items: 1			Rs. 50/-
NET			50.00

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A	5	10.00	50.00
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 पुणे विद्यापीठाने परीक्षा असह्याने वाहिले चहा गास्ता
 घेतला असता रव्य मिळाला

S.A. Dhankar
 (Senior Supervisor)

S.S. Thakur
 (CO)

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PUNE

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SERIAL NO 18 11-08-2022
BILL NO 22081126747 09:53:00 AM

ITEM_NAME	QTY	RATE	TOTAL
IDALI SAMBAR	1.00	40.00	40.00
SADA DOSA	2.00	40.00	80.00
TOMATO ONIATE	1.00	70.00	70.00
IDALI WADA SAMBA	1.00	45.00	45.00
Items:4		SUB	235.00
NET			235.00

** THANK YOU ! VISIT AGAIN !! **

TAX INVOICE

SERIAL NO 91 11-08-2022
BILL NO 22081126820 12:56:55 PM

ITEM_NAME	QTY	RATE	TOTAL
SHITAFHAL MILKSHAKE	1.00	50.00	50.00
Items:1		SUB	50.00
NET			50.00

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SERIAL NO 117 11-08-2022
BILL NO 22081126846 01:37:35 PM

ITEM_NAME	QTY	RATE	TOTAL
Items:1		SUB	10.00
NET			10.00

** THANK YOU ! VISIT AGAIN !! **

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SERIAL NO 90 11-08-2022
BILL NO 22081126819 12:56:43 PM

ITEM_NAME	QTY	RATE	TOTAL
KURMA PARATHA	4.00	60.00	240.00
VEG FRIEDRICE	2.00	90.00	180.00
Items:2		SUB	420.00
NET			420.00

** THANK YOU ! VISIT AGAIN !! **

TAX INVOICE

SERIAL NO 92 11-08-2022
BILL NO 22081126821 12:57:01 PM

ITEM_NAME	QTY	RATE	TOTAL
TEA	1.00	10.00	10.00
Items:1		SUB	10.00
NET			10.00

** THANK YOU ! VISIT AGAIN !! **

TAX INVOICE

SERIAL NO 27 11-08-2022
BILL NO 22081126756 10:09:40 AM

ITEM_NAME	QTY	RATE	TOTAL
TEA	5.00	10.00	50.00
Items:1		SUB	50.00
NET			50.00

** THANK YOU ! VISIT AGAIN !! **