To,

The Principal,

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

Subject: Report of Two Days Workshop on "Embedded System Design and Fabrication"

Respected Sir,

With your prior permission, the Department of Physics and ROBONUT Academy, Mumbai, organized a Two-day workshop on "Embedded System Design and Fabrication" for S.Y., T.Y.B.Sc., M.Sc. I, and M.Sc. II (Physics) students on September 30th and October 1st, 2022, from 9 am to 5.30 pm, under the ED cell funded by RUSA. Inaugural function of this workshop started at 10.00 am on 30th September 2022. Daily two sessions were scheduled, first session form 10.00 am to 01.00 pm and second session form 02. 00 pm 05.30 pm Whole workshops conducted by resource person Mr. Jayesh Sharma and Mr. Deepak Mourya Managers, ROBONUT Academy Mumbai. In each session Hands on training was given on bread board as well as on PCB and students had done the same.

Total 86 students were beneficiaries of this workshop, and the workshop was ended by testing the PCB made by them. The performance of the students in designing and fabrication of PCB in this workshop was excellent. These Two days' workshop helped students to understand Kicad software for designing their own PCB which will be furtherly used for their Projects. Also, students learned to fabricate the designed PCB on copper clad. Overall, the workshop was very useful for the students for their Practicals and Projects point of view. It was a motivating workshop as students actively participated and enjoyed the same. We are very much thankful for allowing us to conduct this workshop. We are sending the Report of Workshop along with students' attendance, feedback form and photos for your information. Thank You,

Yours Sincerely,

Mr. S. B. Kakade Coordinator

Prof Dr. P. C Pingale Head, Department of Physics प्रति, मा प्राचार्य तुळजाराम चतुरचंद कला, विज्ञान आणि वाणिज्य महाविद्यालय वारामती

विषय : दोन दिवशीय कार्यशाळेच्या अतिरिक्त खर्चास मान्यता मिळणेवावत . महोदय,

भौतिकशास्त्र विभाग व रोवोनट ॲकॅडमी मुंवई यांच्या वतीने "Embedded System Design and Fabrication" या दोन दिवशीय कार्यशाळेचे ED Cell RUSA अंतर्गत आयोजन करण्यात आलेले होते । या कार्यशाळेसाठी एकूण रू ५८३००/-इतके खर्चास मान्यता मिळालेली होती । परंतू या कार्यशाळेसाठी विद्यार्थी संख्या वाढल्यामुळे ०३ अतिरिक्त किटस घ्यावे लागले । सदर वाढलेल्या किटसची फी, (GST सहीत) व वाढलेल्या विद्यार्थ्यांची सर्व्हींस फी असे एकूण रू १५४८०/- अतिरिक्त खर्च झाले आहे । तरी वरीलप्रमाणे रू १५४८०/- या अतिरिक्त खर्चास मान्यता मिळावी ।

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The Principal,

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramatí.

Subject: Payment of Honorarium to Resource person of the workshop

Respected Sir,

With your prior consent, the Department of Physics and ROBONUT Academy, Mumbai organized a two-day workshop on "Embedded System Design and Fabrication" for S.Y., T.Y.B.Sc., M.Sc. I, and M.Sc. II (Physics) students on September 30th and October 1st, 2022, from 9 am to 5.30 pm, under the ED cell funded by RUSA. The

Following Resource person gave the training to our students. Amount **Bank Details** Name of Member Sr. No. Account Holder Name: Dipak P. Mourya 73780/-Resource Person 1 Account No: 1186001500011563 (ROBONUT Academy, Mumbai) Bank Name: Punjab National Bank Kit Cost, Trainer Fee, Service IFSC Code: PUNB0118600 Charge, Certificates UPI: mouryadeepak98@okaxis Account Holder Name: Sandip B.Kakade 2000/-Mr. S. B. Kakade 2. Account No: 918010091384408 Coordinator of the Workshop Bank Name: Axis Bank Baramati IFSC Code: UTIB0000135 UPI: 9881414192@upi

Please allow to sanction and transfer their honorarium to their respective accounts. Thanking You,

Mr. S. B. Kakade

Coordinator

Head, Department of Physics

Prof. Dr. V. C. Kakade Chairman, ED Cell

Dr. R. T. Sapkal

Vice Principal &

RUSA Coordinator (College)

Dr. Chandrashekhar Murumkar

Principal

वंजाब नेबबत बैंक purjobnotional bank

मलाद (पूर्व), मुन्दई (महाराष्ट्र) Malad (East), MUMBAI (Maharashtra) - 400097 RTGS/NEFT IFS Code : PUNB0118600

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Tax Invoice



GSTIN: 27MBDPS5424G1ZA

Date: 01-Oct-22 Invoice No. RA/22/J/001

Name Principal, T.C. College Baramati

GSTIN No

Billing Address TC College, Baramati

Email ID

principal@tccollege.org

State City

Maharashtra

Mobile No

9822845164

Baramati

Pin code

413102

We acknowldge with thanks the receipt of your valued buisness order.

Description of Goods/Services

HSE / SAC	Qty	Unit	Rate	Amount
	20	nos	1900	38000
	2	day .	8000	16000
	80	nos	100	8000
3	0	nos	0	0
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Terms of Payment

100% payment after 7 day from

Date of bill

Terms of delivery

Dispatch through

Destination

TC College, Baramati

Delivery Note

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

TERMS: Goods and service once sold/provid will not be taken back. Delivery under this memo cannot be entorced. The seller will not accept any responsibility or admit claim for shortage and/or damage after the delivery is affected. Our responsibility ceases no sooner the goods leave our premises. Interest @ 24% P.A. will be charged if bill remain unpaid after 15 days form the date of bill

Bank Details

Account No: 1186001500011563

IFSC: PUNB0118600

Branch :- Mumbai, Malad

Transport Charges 0

Total Invoice Value 62000

Discount 0

Total Taxable Value 62000

Total CGST (9%) 5580

Total SGST (9%) 5580

TDS (1%) 620

Grand Total (INR) 73780



Corporate Office

Robonut, Shop2, Jankalyan Bldg 2, SV road, Dahisar East, Mumbai, India. Pin 400068

Email info@robonut.in / workshop@robonut.in

Services

Industrial Automation, Product Development,

Electronic Components, PCBs design and development Mobile: 91 8828959943

Department of Physics Date: 08/09/2022

To,

The Principal,

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

Subject: Permission to Organize Two Days Workshop on "Embedded System Design and Fabrication" for T.Y.B.Sc., M.Sc-I & M.Sc-II (Physics) students

Respected Sir.

The workshop was aimed to provide knowledge about Complete "Embedded System Design and Fabrication". Designing using simulation tool to test electronics & electrical circuit in software environment and also its fabrication, embedded System design software named Kicad used to make physical PCB at home so that any student can make project on his own.

Department of Physics and ED cell of our college are planning to organize Two Days Workshop on "Embedded System Design and Fabrication" in co-ordination with ROBONUT Academy, Mumbai for T.Y.B.Sc. M.Sc-I & M.Sc-II (Physics) students. This workshop is skill oriented and the hands on training will be given to the students by expert team. 50 students of T.Y.B.Sc., M.Sc-I & M.Sc-II (Physics) class will be participating in the workshop.

Expenditure for the workshop:

1. Kit cost, Service charge & Trainer fee

: 58300/- (With 18% GST)

2. Accommodation and hospitality to resource persons

: 4,000/-

3. Co-ordinator remuneration charges

: 2,000/-

We kindly request you to give the permission to organize this workshop.

Co-ordinator

Department of Physics

AP10,00

Recommended to organize workship under ED Cell Olalanza





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Proposal for PCB Design

Fees Structure:

	50 Student (17 Groups)		70 Students	70 Students (24 Group)	
12.0	Rate (₹)	Total (₹)	Rate (₹)	Total (₹)	
Kit Cost per Group	1900	32,300	1700	40,800	
Service Charges per Student	200	10,000	185	12,950	
Trainer Fees per day	8000	16,000	8000	16,000	
Co Trainer Fees Per Day				10,000	
Total (₹)	K.	F0.000/			
- 5 5 111 (1)		58,300		69,750	

Note: The above fees are exclusive of GST. +18% GST is applicable

Requirements:

- 1. Seminar Hall / Class Room to accommodate all students for workshop.
- 2. Projector, White/Black Board & Sound system for workshop
- 3. Good Accommodation, Food for 2 days & pick up from nearest railway station for Trainers.
- 4. Student should bring 1 Laptop in group of 2 student for all workshops.
- 5. Ink Jet printer Required



TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI

Autonomous

Two Days Workshop on "Embedded System Design and Fabrication"
Organized by

Department of Physics & ROBONUT Academy, Mumbai

Under the Scheme of ED Cell Funded by RUSA

Workshop Photos













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Two Days Workshop on

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Department of Physics & ROBONUT Academy, Mumbai Under the Scheme of ED Cell Funded by RUSA

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Ac	dditional comments and Suggestion for future:	Sign	myan	

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Under the Scheme of ED Cell Funded by RUSA

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Department of Physics & ROBONUT Academy, Mumbai Organized by Under the Scheme of ED Cell Funded by RUSA

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Feedback Form

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TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI

Autonomous

Two Days Workshop on

"Embedded System Design and Fabrication"

Organized by

Department of Physics & ROBONUT Academy, Mumbai

Under the Scheme of ED Cell Funded by RUSA

Feedback Form

Name of the Participant: Bhandare Vivek Santosh
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Additional comments and Suggestion for future:
This types of workshop helps to develope our skill & such eletivities should be conclucted frequently

Sign of the Student

Anekant Education Society's TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE AND COMMERCE, BARAMATI

Autonomous

Two Days Workshop on

"Embedded System Design and Fabrication" Registered Students

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CEP Of participation

has successfully completed Two days workshop on "Embedded system design and Fabrication", scheduled on 30th September to 1st October 2022 organized by the Department of Physics, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Maharashtra in association with ROBONUT Academy. **热糖油脂液法贮液抗溶解检验酶酶酶酶酶酶酶酶核糖酶酶酶核糖酶酶核糖酶酶糖糖** Mumbai, Under the Scheme of ED cell, Funded by RUSA. This is to certify, .

Coordinator

Prof. Dr. P. C. Pingale Head, Dept. of Physics

Chairman, ED Cell Prof. Dr. V. C. Kakade

RUSA Co-ordinator Or.R.T. Sapkal Vice-Principal & (College)

Dr.Chandrashekhar Murumkar Principal

Manager Robonut DEEPAK MOURYA

Academy













Dav

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati -413102 Anekant Education Society's

Dist. Pune, Maharashtra, India ivo day Workshop on (Autonomous)



Department of Physics & ROBONUT Academy, Mumbai

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Time: 10.00 AM to 05.00 PM

Date: 30th Sept. to 1st Oct. 2022

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Dr. R. T. Sapkal

RUSA Coordinator (College) Vice Principal &

Prof. Dr. A. S. Jagtap Vice Principal

Dr. C. V. Murumkar Principal