

PATRICIAN COLLEGE OF ARTS AND SCIENCE

Patrician Technovel Startup

Program Name : Inauguration of Patrician Technovel Startup

Date and Time : 17th March 2022, 11:00 am

Number of Beneficiaries : Department of Computer Applications (300 students)

Programme Objective:

To create the best opportunity for career-oriented students since they can build, control, and even understand the system on its own.

Invite



The poster is for the inauguration of the Patrician Technovel Startup. It features a blue background with a white network pattern. At the top, the Patrician College of Arts and Science logo is centered. Below it, the college's name is written in large, bold letters. To the left and right are portraits of Saint Patrick and Bishop Daniel Delany. The text in the center reads: 'Patrician Institution's Innovation Council, Patrician Start-up Cell in association with Department of Computing Sciences invites you all for the inauguration of Patrician Technovel Startup'. Below this, the date and venue are listed: 'Date : 17/03/2022 @ 11 a.m' and 'Venue : A Block-II Floor'. At the bottom, it says 'Launching of IoT Laboratory' and 'Bro. Dr. S. Arockiaraj, Director & Secretary'. There are also portraits of Dr. Usha George (Principal), Dr. Fathima Vennath (Academic Director), and Bro. Dr. S. Arockiaraj (Director & Secretary) at the bottom.

Patrician College of Arts and Science
Canal Bank Road, Gandhi Nagar, Adyar, Chennai - 600020.
A Christian Minority Institution
Affiliated to the University of Madras & Accredited A+ Grade by NAAC, in 2021
Awarded 4 Star Rating with Merit Status by MHE, Govt. of India

Patrician Institution's Innovation Council, Patrician Start-up Cell
in association with
Department of Computing Sciences
invites you all for the inauguration of
Patrician Technovel Startup

Date : 17/03/2022 @ 11 a.m
Venue : A Block-II Floor

Launching of IoT Laboratory
Bro. Dr. S. Arockiaraj, Director & Secretary

Dr. Usha George
Principal

Dr. Fathima Vennath
Academic Director

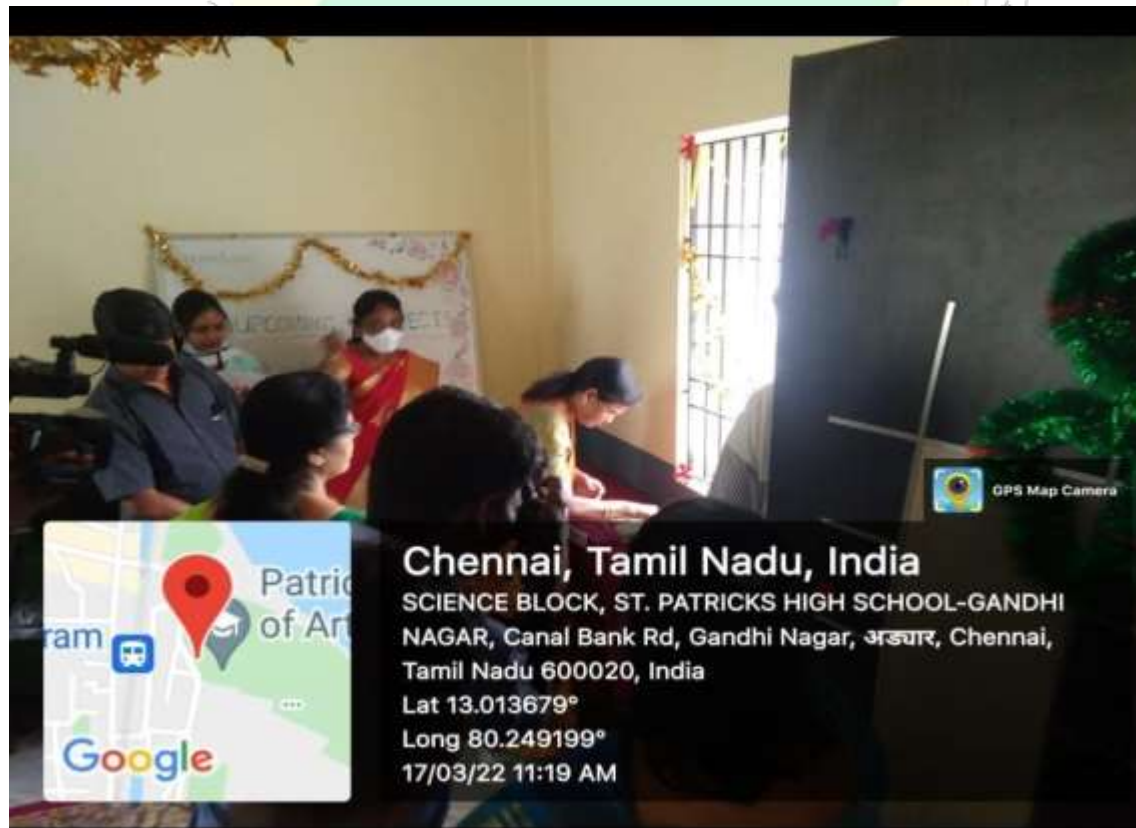
Bro. Dr. S. Arockiaraj
Director & Secretary

Report

The Department of computing Sciences in association with Patrician start-up Cell inaugurated Patrician Technovel Start Up - Launching of IoT Laboratory on 17 th March 2022 at 11 am at A

Block First Floor in lieu of The St. Patrick's Feast day . Br. Dr. S. Arockiaraj inaugurated the IoT Lab and the Programme was felicitated by Dr. Fatima Vasanth, Academic Director, Dr. Usha George, Principal, Dr. Meena. B Vice Principal Shift I. The main objective of the lab is to update the students beyond their curriculum

Photos



PATRICIAN COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF COMPUTER APPLICATIONS

Program Name : Inauguration of Patrician Tinkering Lab and Commencement of Rapid Prototype Designing Course

Date and Time : 21st March 2022 to 28th March 2022

Number of Beneficiaries : 07 Students (Batch 1)

Invite of the Inauguration of Patrician Tinkering Lab



Resource Person: Mr Solomon Francis, Automation Devops Engineer, Adenza

Mr Solomon Francis, Automation Devops Engineer, Adenza, inaugurated the Patrician Tinkering Lab as a part of the Technoval Startup Lab, Resource person, gave a talk on the importances of both Hardware and software project developments to the participants.

Name of the Course : Rapid Prototype Designing Course

Resource Person : Ms Sangeetha K, Asst Prof, Dept of BCA, Patrician College

Course Module : Rapid prototype Designing

Invite



About the Course

The **Internet of things (IoT)** is a term for the growing number of electronics that aren't traditional computing devices, but are connected to the internet to send data, receive instructions or both.

There's an incredibly broad range of things that fall under that umbrella: Internet-connected smart versions of traditional appliances like refrigerators and light bulbs, gadgets that could only exist in an internet-enabled world like Alexa-style digital assistants; internet-enabled sensors that are transforming factories, healthcare, transportation, distribution centers and farms.

The Internet of Things is transforming our physical world into a complex and dynamic system of connected devices on an unprecedented scale. The IoT brings the power of the internet, data processing and analytics to the real world of physical objects. For consumers, this means interacting with the global information network without the intermediary of a keyboard and screen; many of their everyday objects and appliances can take instructions from that network with minimal human intervention.

Simply put, IoT is about connecting machines or, as we refer to them, 'things' that were previously 'dumb objects'. You can think everything from your toaster to a security camera, to the internet in order to transmit the data they collect, monitor them and enable them to 'talk to each other'.

Advances in technology are making possible a more widespread adoption of IoT, from pill-shaped micro-cameras that can pinpoint thousands of images within the body, to smart sensors that can



assess crop conditions on a farm, to the smart home devices that are becoming increasingly popular.

Highlights

- Describe the evolution of the Internet of Things
- Identify the range of options for the way things can communicate
- Select the standards most appropriate for building successful communications
- Build addressing architectures that can scale to the sizes required
- Analyze and record the interactions
- Visualize the results of interactions
- Deliver the security that modern services demand
- Build new service networks that can support the future Internet of Things

In this Internet of Things (IoT) course, students will learn general strategies for planning, designing, developing, implementing, and maintaining an IoT system. Besides other things, you will learn what are the building blocks of IoT and what are the underlying technologies that drive the IoT revolution. There is also a case study on building a smart city by assembling and configuring IoT devices to work in a sensor network.

Course Objectives

- Understand the basic concepts of IoT
- Plan an IoT implementation
- Construct and program an IoT device
- Communicate with an IoT device using wired and wireless connections
- Process sensor input and control an actuator on an IoT device
- Manage security, privacy, and safety risks on IoT projects
- Learn how to apply Machine Learning in IoT
- Manage an IoT prototyping and development project throughout the development lifecycle



Why enroll in this programme?

A comprehensive, job-oriented course : The objective of the course is to prepare you with a strong foundation for the practical application of IoT concepts in your career as an IoT Developer

A practitioner's course : You will learn straight from applying yourself on projects and assignments followed by feedback from experienced facilitators

An opportunity to work with industry experts : Through this course, you will also earn the opportunity to work with **Tinkering Lab** practitioners through dedicated project experience – learning straight from the business!

A peer-to-peer learning experience : You will learn from not just experienced industry experts but also learners across industries and geographies – providing you the opportunity to build a new, meaningful network

Internet of Things (IoT) Fundamentals -

Programme curriculum

Module 1: 1 a) Overview of Internet of Things (IoT)

- What is Internet of Things?
- Why to learn IoT?
- Growth in IoT
- History of IoT
- The Power of IoT
- How an IoT System Actually Works
- Fundamental components of an IoT system
- Application of IoT

Module 1: 1 b) Sensors & Devices

- Overview of Sensors and Devices
- IoT Device Hardware



- Scaling
- Manufacturing & Shipping
- Gateways

Module 2: Connectivity

- Introduction to Connectivity
- Cellular
- Satellite
- WiFi
- Bluetooth
- LPWAN

Module 3 : Data Processing

- Introduction to the Cloud
- Introduction to the IoT Platform
 - When Should Your Organization Use an IoT Platform?
 - IoT Platform Types
 - Choosing an IoT Platform
 - When Do You Need an IoT Platform?
- APIs

Module 4: User Interface & User Experience in IoT

- Introduction to UI & UX for IoT
- User Interface
- History of UI
- User Experience (UX)
- How IoT will change UX
- Key Considerations for UIs



Module 5: IoT Protocols & Machine Learning for IoT

- Overview of IoT Protocols
- IoT Network Protocols
 - HTTP
 - LoRaWan
 - Bluetooth
 - ZigBee
- IoT Data Protocols
 - MQTT
 - CoAP
 - AMQP
 - M2M Communication protocol
 - XMPP
- Why should you care about IoT protocols?
- Machine Learning for IoT

Module 6: IoT for Smart Cities

- What is a smart city?
- Why do we need smart cities?
- What is the role of IoT in Smart Cities?
- Smart city case study: Barcelona, Spain

Module 7: Developing Small prototype

Out come

Filing Patents for Innovations

Course name: Prototyping and the Innovation Process

Module of the course:

Module 1: Introduction to Creative Design, Prototyping, and Testing



Designing the customer and user experience is essential to creating great products today. Gone is the old paradigm of “form follows function” model of design. The process must be iterative and follow the best product design and development processes. While designing a great user experience can be a lengthy and expensive process, there are approaches to doing it faster and smarter, without compromising results.

Module 2: Development Processes and Organizations

Process of increasing organizational effectiveness and facilitating personal and organizational change through the use of interventions driven by social and behavioural science knowledge.

Module 3: Concept Generation and Selection

The goal of concept generation and selection is not to select the best concept. The goal of concept generation and selection is to develop the best concept. The process involves combining and refining initial concepts to develop better ones!

Module 4: Product Design and Architecture

Product architecture is the organization (or chunking) of a product’s functional elements. It’s the ways these elements, or chunks, interact. It plays a significant role in how to design, make, sell, use, and repair a new product offering. Linking to system-level design and the principles of system engineering

Module 5: Principles of Prototyping and User Experience

A prototype is a primitive representation or version of a product that a design team or front-end-development team typically creates during the design process. The goal of a prototype is to test the flow of a design solution and gather feedback on it—from both internal and external parties—before constructing the final product. The state of a prototype is fluid as the team revises the design iteratively based on user feedback.

Module 6: Project Management

Project management is the use of specific knowledge, skills, tools and techniques to deliver something of value to people.

ACCOUNT DETAILS A/C

Name : PCAS COMPUTER APPLICATION

DEPARTMENT A/c No. : 50100308007979

Bank : HDFC BANK LTD



Branch : KOTTURPURAM

IFSC code : HDFC0001305

REGISTRATION FEES: Rs.200/-

Can be paid through NetBanking, Paytm, Phonepe, Google Pay, etc. Screenshot of Payment receipt should be uploaded during registration.

REGISTRATION LINK

<https://forms.gle/CFR4RaiFtHnuvWKU8>

Registration Details

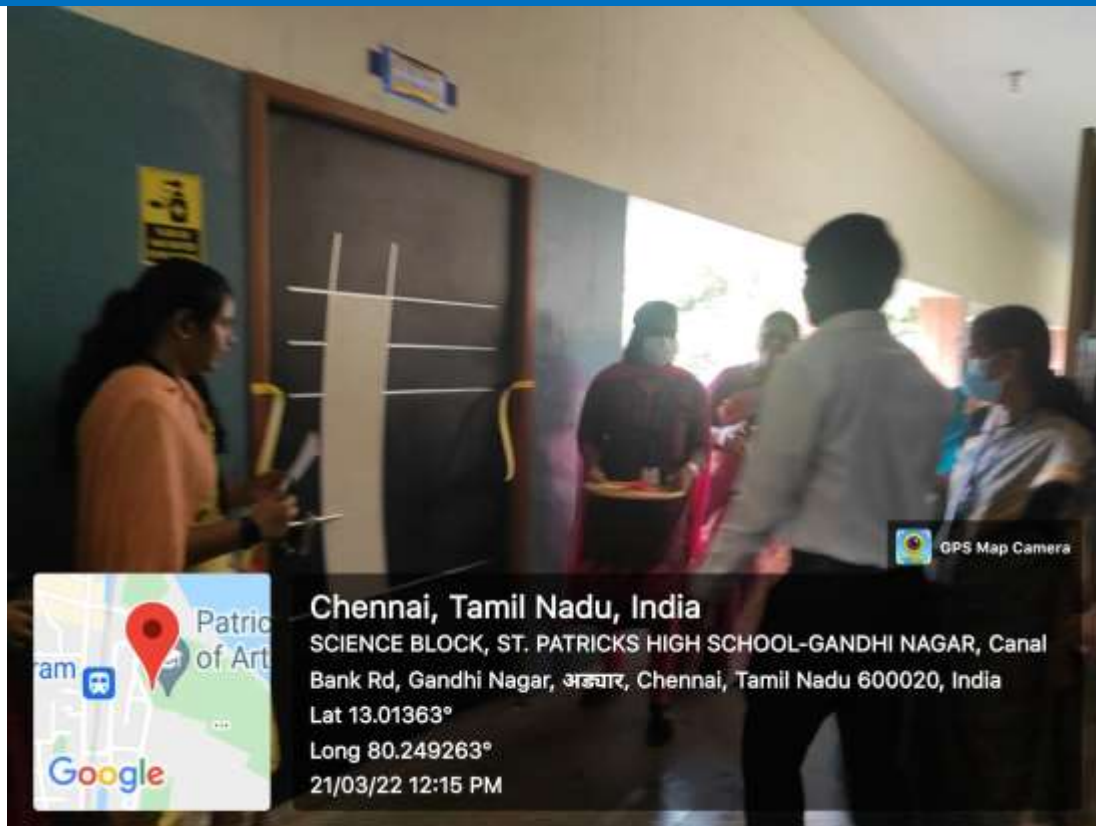
Timestamp	Name	Admission Number	Class	Willing to join the Course
3/20/2022 10:09:45	Pooja	D20CA050	II BCA A	Yes
3/20/2022 10:29:04	Mohamed Abdul Ajees M J	D19CA056	III BCA B	Yes
3/20/2022 13:02:04	RAHUL. K	D20ca070	II BCA B	Yes
3/20/2022 14:37:10	Akash M	D19CA004	III BCA A	Yes
3/20/2022 15:50:09	Saravanan K	D21CA081	I BCA B	Yes
3/22/2022 10:25:46	M.ASHWIN	D21CA013	I BCA A	Yes
3/22/2022 15:19:51	Santhosh R	212104364	I BCA B	Yes

Report:

The Patrician Tinkering Lab and Commencement of Rapid Prototype Designing Course was inaugurated on 21st March 2022 by the Prominent alumni of the Department Mr. Solomon Francis, DevOps Engineer, Adenza. He gave small talk to the students about the current technologies and insisted students to keep updating themselves and to do many projects. The course commenced on the same day. The course was conducted for the registered students from 21st March 2022 to @8th March 2022 between 1.30 p.m to 2.30 pm . Ms. K. Sangeetha, Assistant Professor was the course instructor. The students learnt about the basics of IoT and they had a practical experience. The students with great interest started the following projects: Water Conservation, Fire Alarm, Vacuum cleaner for Green India, Sunglasses for differently abled students and gloves to convert text to speech. Six students completed the course and as an outcome they started doing the projects on their own

Photos





DEPARTMENT OF COMPUTER APPLICATIONS (SHIFT I)

Regd. Practical Register, Course: Batch 1

Duration: 8 Days (21.3.2022 to 28.3.2022)

STUDENTS ATTENDANCE LIST

Sr. No.	ROLL NO.	STUDENT NAME	21.3	22.3	23.3	24.3	25.3	26.3
1	D19CA056	Mohamed Abdul Ajeem M I	Present	Present	Present	Present	Present	A
2	D20CA078	Rahul K	Present	Present	Present	Present	Present	Present
3	D19CA084	Abir M	Present	Present	Present	Present	Present	Present
4	D21CA001	Saravanan K	Present	Present	Present	Present	Present	Present
5	D21CA013	VLASHEVEN	Present	Present	Present	Present	Present	Present
6	D22BA034	Sourabh B	Present	Present	Present	Present	Present	Present
7	D20CA018	Pooja	Present	A	A	A	A	A

Course Instructor
C.M.V. Suresh M

Checked
Teacher
(B. Anandapada)

Students Attendance



Feedback

IOT - Feedback:

- * List of all I think are things for adding a laboratory room for IOT.
- * which will be useful for student about more work about and adding the wires, circuit boards and all more.
- * There were lots of IOT devices for students to interact - device like robot, robot hand, glass mirror, for robot etc...
- * As a final year student, I can get an idea for IOT.
- * I hope the future and second year student make the best out of the opportunity.

[Signature]

Name: Sangeetha
Roll No: D1201018
Date: 12/05/22

Respected Sir,

Thank you for organizing such a wonderful course in our college. It was very useful to gain knowledge and it was a great experience to work in IOT projects. The teaching by Sangeetha mam was excellent and very friendly. We request you to organize similar certificate courses in our college to improve our knowledge. Thanking you.

Yours sincerely
[Signature]

Feedback for IOT

Name: M. Ashwin
Roll No: D1201018
Date: 8/5/22

Respected Mam:

I've learned many things from IOT. It was very helpful to me. Thanks for giving this wonderful opportunity for me. I've thank you. Sangeetha mam and then I thank the faculty members of our petron college for giving this opportunity.

Thank you

Yours Sincerely
M. Ashwin

In our technical course we have many things about coding, network, hardware, software, & lots of IOT projects. GPS module making, website and application development. We have created a blog website in the course we learn many interesting things about hardware and software. Our chief guest Sangeetha mam has motivated us hoping in future application to learn a project. We need more days to continue this technical program to learn many new valuable things like this program. We are the students to need more help about learning software programs to be learn in a practical session and certificate course.

Thanking for organizing this program.

[Signature]

PATRICIAN COLLEGE OF ARTS AND SCIENCE
START UP – MUSHROOM CULTIVATION UNIT

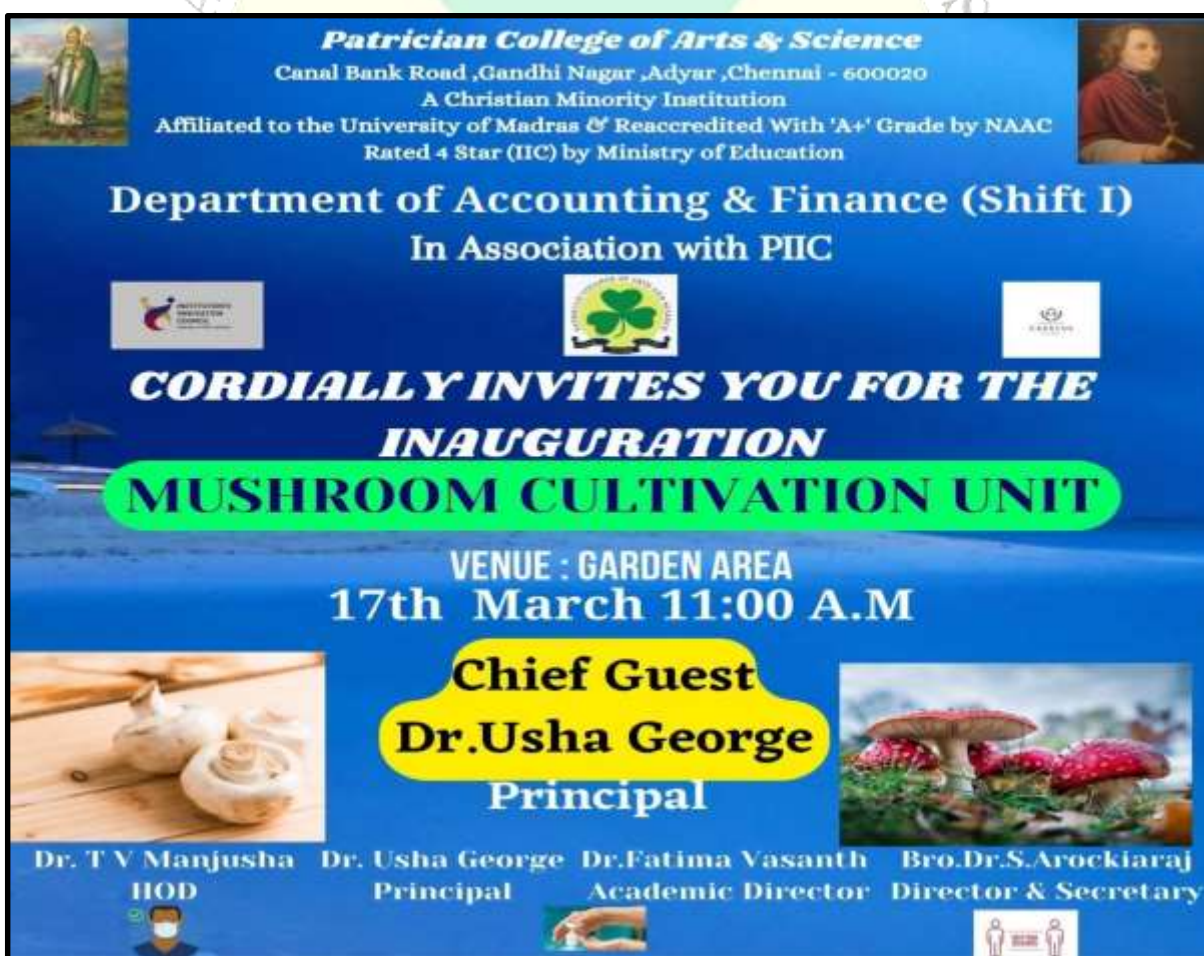
OBJECTIVE OF THE START UP

1. To provide hands-on training for mushroom cultivation and post harvesting management.
2. To provide the students awareness about the marketing trends of Mushrooms.
3. To help the students to learn a means of self-employment and income generation.

DATE: 17.03.2023

VENUE: GARDEN AREA

INVITE:



Patrician College of Arts & Science
Canal Bank Road ,Gandhi Nagar ,Adyar ,Chennai - 600020
A Christian Minority Institution
Affiliated to the University of Madras & Reaccredited With 'A+' Grade by NAAC
Rated 4 Star (IIC) by Ministry of Education

Department of Accounting & Finance (Shift I)
In Association with PIIC

**CORDIALLY INVITES YOU FOR THE
INAUGURATION
MUSHROOM CULTIVATION UNIT**

VENUE : GARDEN AREA
17th March 11:00 A.M

Chief Guest
Dr.Usha George
Principal

Dr. T V Manjusha **Dr. Usha George** **Dr.Fatima Vasanth** **Bro.Dr.S.Arockiaraj**
HOD **Principal** **Academic Director** **Director & Secretary**

PROGRAM SCHEDULE



PATRICIAN COLLEGE OF ARTS & SCIENCE

DEPARTMENT OF ACCOUNTING & FINANCE (SHIFT I)
CORDIALLY INVITES YOU FOR THE



INAUGURATION OF MUSHROOM CULTIVATION UNIT
DATE: 17/03/2022 TIME: 11.00AM- 12.00 PM

Prayer	:	Ms. Hema Priyadarshini R Student, II B. Com (A&F)
Welcome address	:	Mr. Dishon J Selva Department Secretary, B. Com (A&F)
Inauguration by our Chief guest	:	Dr. Usha George Principal Patrician College Of Arts & Science
Prospects of the Start-up	:	Dr. T.V. Manjusha HOD, Department of B. Com (A&F)
Journey into Mushroom cultivation	:	Students of B. Com (A&F)
Vote Of Thanks	:	Ms. Shireen R Department Secretary, B. Com (A&F)



MUSHROOM CULTIVATION UNIT IN THE GARDEN AREA



THE MANAGEMENT OFFICIALS WITH THE ACCOUNTING & FINANCE DEPARTMENT FACULTY AND STUDENTS DURING THE INAUGURATION.

PATRICIAN WELL-BEING CENTRE START UP

A beauty parlor is a profitable business to get started with. All over the world a lot of customers, be it men or women are using beauty services on a daily basis. And if it's a festive season or a marriage season then you will be packed with customers. It is one of the booming businesses and the market is growing each year. Beauty parlors attract customers of all age groups. From teenage girls to women of all age groups, beauty parlors and salons are widely used on a daily basis. It's a good business to start your journey to earn good money.

Objectives

- ✓ -to enhance women empowerment
- ✓ -to increase self-confidence through beauty care
- ✓ -to tap the immediate profitable market for beauticians
- ✓ -well –being set up in college level will increase women entrepreneurship opportunities
- ✓ -guidance through training and loan arrangement for startups

INVITATION:



PATRICIAN COLLEGE OF ARTS AND SCIENCE
Coral Bank road, Gandhi Nagar, Adyar, Chennai - 30
A Christian Minority Institution
Affiliated to the University of Madras & Re-accredited 'A+' Grade by NAAC in 2001
Awarded 4 star rating with mentor status by MoE, govt. of India

Post Graduate & Research Department of Commerce
In Association with Patrician Institution Innovation Council
&
Patrician Entrepreneurship Development Cell

Cordially invites you to the inauguration of
PATRICIAN WELL - BEING CENTRE

Chief Guest
Dr B MEENA
Vice - Principal Shift I

Date: 17/03/2022
Time: 11:00 AM

Venue: C block
Room No. 51

Dr.D.Unika
Head of the Department

Dr.Usha George
Principal

Dr. Fatima Vasanth
Academic Director

Bro.Dr.S.Aruckiaraj
Director & Secretary

OPENING SPECIAL OFFER

<u>SNO.</u>	<u>PARTICULAR</u>	<u>PRICE</u>
1	SIMPLE MAKE UP	50/-
2	SAREE DRAPPING	150/-

NOTE: ONLY FOR FEMALE STUDENTS AND FACULTY

PHOTOS:





**EXPENDITURE**

PATRICIAN COLLEGE OF ARTS AND SCIENCE
PG AND RESEARCH DEPARTMENT OF COMMERCE
PATRICIAN WELL BEING CENTRE
INCOME AND EXPENDITURE STATEMENT

DATE	INCOME	DATE	EXPENDITURE
16/3/22	260	18/3/22(Priya TA)	500
18/3/22	660	25/3/22(Material)	2,000
21/3/22	1,150	Students (TA)	300
22/3/22	350		
25/5/22	4,500		
23/3/22	100		
31/3/22	3,550		
5/4/22	100		
6/4/22	300		
8/4/22	4,000		
11/4/22	350		
12/4/22	1,820		
21/4/22	50		
9/5/22	1,455		
18/5/22	875		
2/6/22		Service Charges	
		Travel & Materials	5000
		Students Trainee allowance	2500
		5X500	
Total Income	19520	Total Expenses	10,300
		Cash in Hand	9,220

HOD Dr. Unika

In charge Vaidegi T

+Vandana
2/6/22

Dr. Fatima Vasanth
AD

Patrician College of Arts and Science Report on Patrician Cooperative Store

The Department of Commerce & Accounting and Finance Shift-II together had initiated to inaugurate a Startup "Patrician Cooperative store," for sale of stationery and textbooks for College students.

Inauguration: 17th March 2022

Time : 11:45 AM

Invite:



Objective:

- To enable the Departments to place orders and get the required textbooks at concessional rates.
- To provide the needed stationery for students as well as staff.

- To generate funds in order to provide scholarships for students who are financially backward.

Outcome:

- Funds generated from sale of books can be used to provide Scholarship for needy students and Salary for Department students helping in sales of stationery in Cooperative stores.
- Most of the Departments were able to get prompt delivery of books needed,
- Students in need of textbooks and stationery were able to purchase it within the college premises from the Cooperative store.

PHOTOS



PATRICIAN DESIGN STUDIO START UP

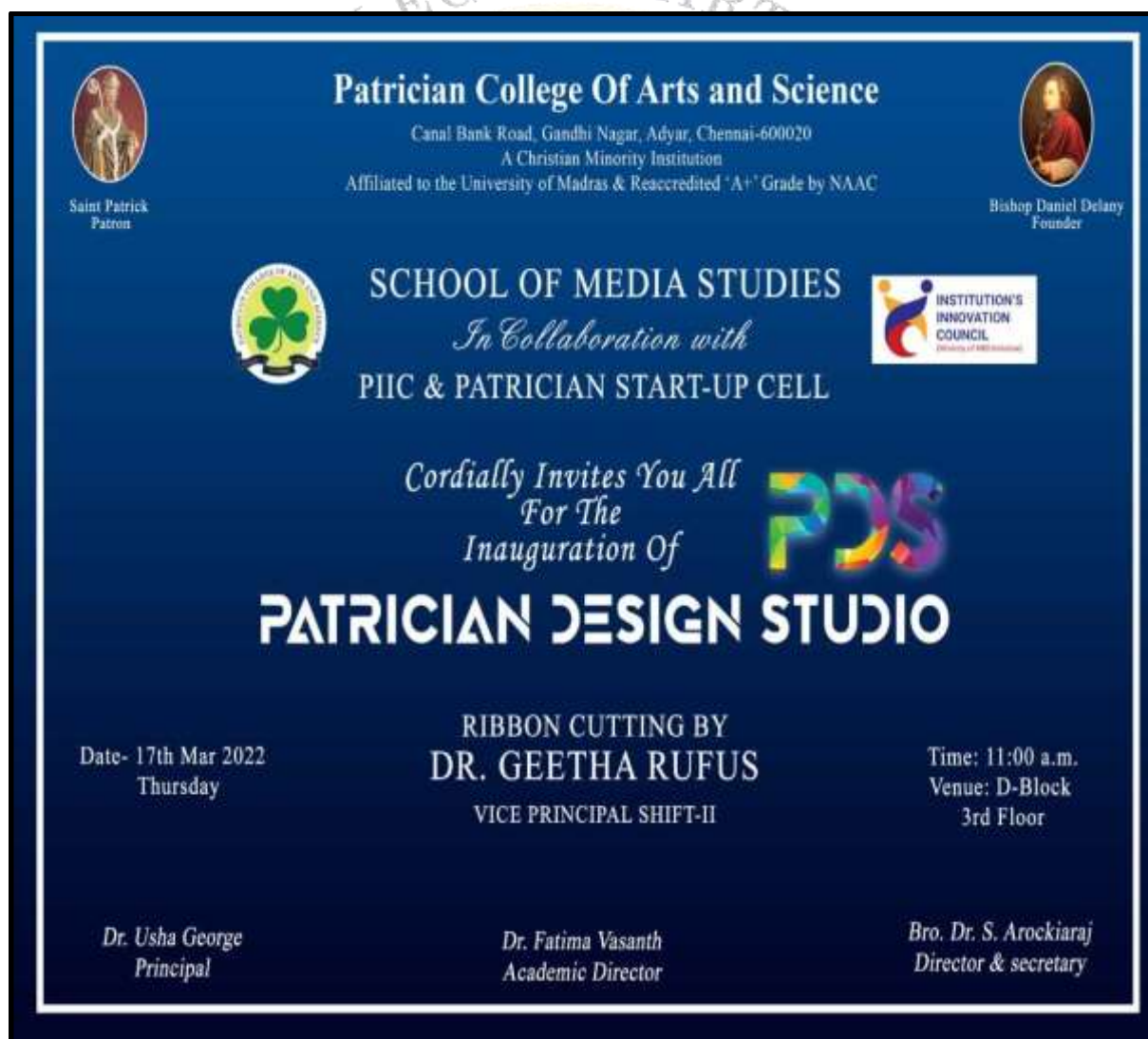
OBJECTIVE:

To initiate a startup and provide hands-on training to design posters, standees, banners to the students, to enable the student to learn a means of using designing for self-employment and income generation.

DATE: 17th March, 2022

VENUE: D BLOCK, III FLOOR

INVITE:



Patrician College Of Arts and Science
Canal Bank Road, Gandhi Nagar, Adyar, Chennai-600020
A Christian Minority Institution
Affiliated to the University of Madras & Reaccredited 'A+' Grade by NAAC

SCHOOL OF MEDIA STUDIES
In Collaboration with
PIIC & PATRICIAN START-UP CELL

*Cordially Invites You All
For The
Inauguration Of*

PATRICIAN DESIGN STUDIO

RIBBON CUTTING BY
DR. GEETHA RUFUS
VICE PRINCIPAL SHIFT-II

Date- 17th Mar 2022
Thursday

Time: 11:00 a.m.
Venue: D-Block
3rd Floor

Dr. Usha George
Principal

Dr. Fatima Vasanth
Academic Director

Bro. Dr. S. Arockiaraj
Director & secretary

PHOTOS:



WORK AREA OF THE PATRICIAN DESIGN STUDIO



FACULTY MEMBERS AND OFFICIALS AT THE PATRICIAN DESIGN STUDIO

PATRICIAN COLLEGE OF ARTS AND SCIENCE**DELIGHTZ JUICE CORNER START UP**

Mission - Provide healthy products without harming the environment or the health of our customers.

Vision - To become an enterprise known for promoting healthy living while caring for the environment.

As a brand we want to be recognised as people's first choice, to achieve a naturally healthy lifestyle. We, as a team, represent our values. Our team is focused on making sure that we meet customer demands, as well as customer expectations. Since the health of the staff and students is very important, we thought that the fresh juice will help them to keep good health.

No of Student employed: 3 (part timer)





Inauguration photo:







Price List:

 Juice & Chats 		
FLAVORED MILK	REGULAR	LARGE
Butter Milk	15/-	20/-
Rose Milk	20/-	25/-
Badam Milk	20/-	25/-
Milk Sarbath	20/-	25/-
FRESH JUICES		
Lemon	-	20/-
Guava	20/-	25/-
Fruit salad	-	30/-
Grape	30/-	40/-
Papaya	30/-	40/-
Pineapple	30/-	40/-
Mixed fruit	30/-	40/-
Watermelon	30/-	40/-
Musk melon	30/-	40/-
Red Banana	30/-	40/-
Sweet Lime	-	40/-
Pomegranate	-	40/-
Apple	-	40/-
Fig	-	40/-
Tea or Coffee	10/-	
CHAT ITEMS		
Samosa	12/-	
Peanut	15	
Indian Bean (Karamani)	20/-	
Sweet Corn	20/-	
Pani Puri	20/-	
Chana Samosa	25/-	

