

**PSG POLYTECHNIC COLLEGE: COIMBATORE-04**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**About Product Development Centre (PDC)**

- Department of ECE had started PDC in the year 2018.
- The centre provides opportunities for research and development for faculty and students.
- It facilitates resources and technical guidance for prototype and product development.
- This centre provides Internship for the students from circuit branches.
- It also guides the students to convert their projects into patents.
- It is started for enhancing and making the students to learn and develop the modules using XILINX FPGA Software.

**Activities of PDC:**

- Internship provided for the second year diploma students during April- May 2019, 2020 and 2021

Details of Training given below:

- FPGA Design flow using VIVADO-Level 1.
- Development of applications using ViVADO – Level 2.
- Internship provided for the faculties and students on xilinx vivado.
- Taken faculties to industrial visit at CoreEL Technology, Bangalore
- Through PDC, Internship was organized from May 31<sup>st</sup> to June 2021. Students were encouraged doing mini projects.

Internship Training has been given in the following areas:

- Artificial intelligence
- Research methodologies
- Sensors
- Cloud computing base IoT
- Embedded C programming with AT89XX family
- Internet of things.
- The following are two activities conducted through PDC during July 2021

**Activity-1:**

- Mr Gopikrishna S M, Managing partner, Prism Innovation and Nysa Foundation was the speaker for Webinar titled 'Patent Controller' on 28.07.2021

**Activity-2:**

- Dr Bhupendra Singh, Assistant Professor, Department of CS, IIIT, Maharashtra, PUNE evaluated students innovations in 'Product Exhibition' on 28.07.2021 and awarded 3 best projects.



**PSG Polytechnic College**  
**Institute Innovation Cell, Product Development Center**  
**of Electronics & Communication Engineering Department jointly organises**  
**"INNOVATORS EXHIBITION ON IOT AND AI"**

**President**  
**Dr.B.Giriraj,**  
 Principal  
 PSG Polytechnic College

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**Webinar**  
**Gopikrishna S.M**  
 Managing partner,  
 PRISMS INNOVATION &  
 NYSA FOUNDATION

**Product Exhibition,**  
**Dr. Bhupendra Singh,**  
 Assistant professor,  
 Department of CS,  
 IIT, Maharashtra,PUNE

July 28th, 2021

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Session @ 11am-12pm                      Session @ 12pm-1pm

**Meeting platform:- Google meet**  
<https://meet.google.com/jsq-mruz-kmf>

*Hearty welcome!!*

### Invitation regarding Innovators Exhibition on IoT and AI



**Industrial Visit by the faculty members through PDC**



**Training for the faculty members under PDC**



**Internship for the Students under PDC**

**PSG POLYTECHNIC COLLEGE**  
A Government Aided, Autonomous and ISO 9001:2015 Certified Institution

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

In Association with  
**PRODUCT DEVELOPMENT CENTRE**

Cordially Invites You All For Webinar On  
**"BASICS OF IC DESIGN FLOW"**

**RESOURCE PERSON**  
**R. Ganeshprabhu**  
R&D Engineer  
Synopsys India Pvt, Bangalore.



**27 JUNE 2020**  
**9:30 AM - 10:30 AM**  
**No Registration Fee**

**PRESIDENT:**  
Dr. B. Giriraj,  
Principal,  
PSCPTC

**CO-ORDINATOR:**  
Dr. S. Sharmila,  
HOD, ECE

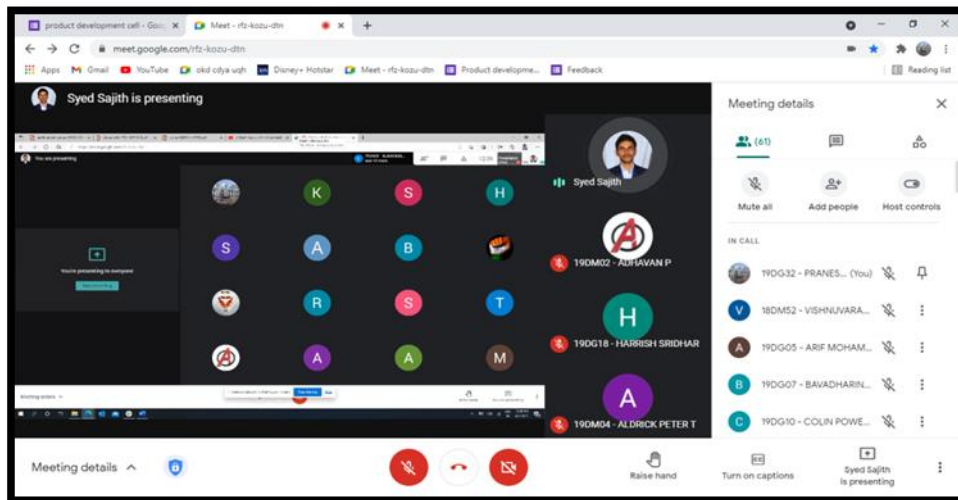
**Scan to register:** 

**Link:** <https://qr.go.page.link/4W11B>

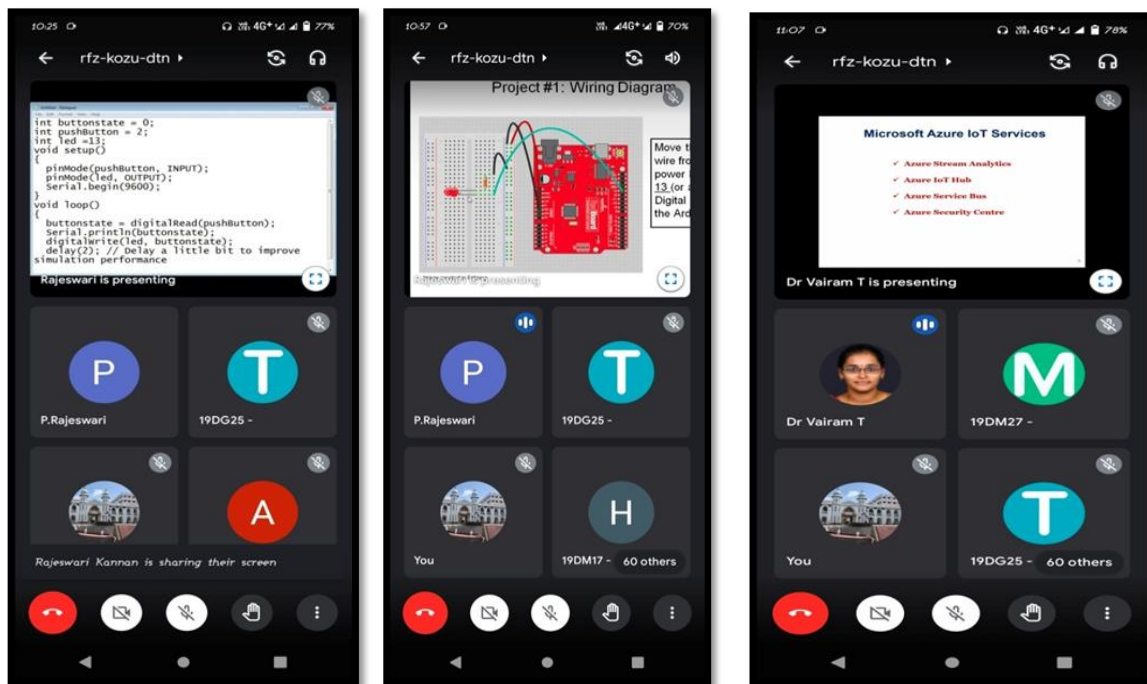
**Platform:**  **Meet**

**E- Certificate will be provided**

**Webinar conducted for the students and faculty members through PDC  
Innovators Exhibition on IoT and AI**

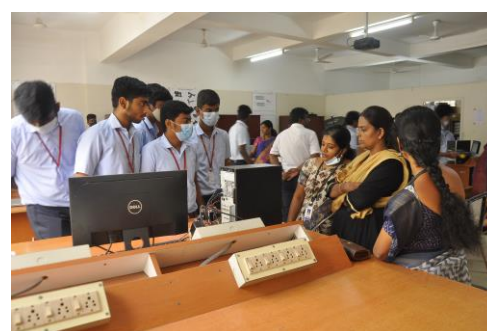


**Internship Training –online Mode**



**Fig: Internship for the Students (Even Sem 2020-2021) under PDC through online mode**

- The following activity conducted through PDC during July 2022



- Mr S Nagavijay, Co-Founder, Chief Executive Officer, iovate Technologies, Coimbatore was the speaker for Valedictory titled 'Innovative Mobile Robots'



on 23.07.2022. He also evaluated student's innovations in Innovative Mobile Robots and awarded 3 best projects in Valedictory function.

### Workshops organized:

Sl. No.	Name of ATAL Workshop	Period
1.	ATAL FDP on AR & VR (Elementary level)	20.07.2021 to 24.07.2021
2.	ATAL FDP on AR & VR (Advanced level)	07.12.2021 to 11.12.2021
3.	Women's Mental Health during COVID-19 (NIDM)	15.03.2022 to 17.03.2022




PSG Polytechnic College  
AICTE Training and Learning (ATAL)  
Academy sponsored

Faculty Development Programme  
on  
**AUGMENTED REALITY/  
VIRTUAL REALITY**

20/07/2021 - 24/07/2021  
Organised By




PRODUCT DEVELOPMENT  
CENTRE (PDC)

PSG POLYTECHNIC COLLEGE,  
COIMBATORE, TAMIL NADU - 641004,  
INDIA




**PSG  
POLYTECHNIC  
COLLEGE**



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— Since 1939 —


TOPICS & RESOURCE  
PERSONS

**INAUGURATION**


Mr. P. JAYAKUMAR,  
CEO,  
TOONZ MEDIA GROUP 

 Mr. ANUMUKONDA RAMESH,  
EDUCATION AND SKILL  
DEVELOPMENT INITIATIVES,  
UNREAL ENGINE | ASEAN REGION


**APPLICATIONS TO AR & VR**



Dr K SENATHIPATHI,  
THIAGARAJAR  
POLYTECHNIC COLLEGE 

**CASE STUDY IN REAL WORLD  
APPLICATIONS OF AR & VR**

 DR S. SHARMILA  
PSG POLYTECHNIC  
COLLEGE

**AR AND VR  
DIFFERENTIATION + OUR  
HUMAN BRAIN PERCEPTION**

Mr. NEERAJ SHARMA  
PROJECT MANAGER  
YEPPAR AR, VR, MR  
REALITY SOLUTIONS 


PSG Polytechnic College  
AICTE Training and Learning (ATAL)  
Academy sponsored

Faculty Development Programme  
on  
**AUGMENTED REALITY/  
VIRTUAL REALITY**  
(Advanced Level)


07/12/2021 - 12/12/2021  
Organised by

PRODUCT DEVELOPMENT  
CENTER (PDC)

Department of Electronics and  
Communication Engineering



**PSG  
POLYTECHNIC  
COLLEGE**



**Chief Patron**

Shri. L. Gopalakrishnan  
Managing Trustee, PSG & Sons  
Charities

**Patron**

Dr. B. Giriraj  
Principal

**Coordinator**

Dr. S. Sharmila - HoD  
Department of Electronics &  
Communication Engineering

**Organizing Committee**

Ms. D. Priya - Lecturer (S.G)  
Department of Computer Networking

Mr. N. Sridhar- Lecturer  
Department of Electronics &  
Communications Engineering

Ms. D. Jayasree  
Lecturer  
Department of Electronics &  
Communication Engineering

Mr. M. R. Vignnesh Babu  
Lecturer  
Department of Electrical &  
Electronics Engineering

**PSG Polytechnic College**

Peelamedu, Coimbatore.



**National Institute of Disaster Management (NIDM)**

Ministry of Home Affairs, Govt. of India.

**15th MARCH, 2022**

*Jointly Organize*

**10.55 AM - 1 PM**

**3-DAYS ONLINE TRAINING PROGRAM ON  
WOMEN'S MENTAL HEALTH DURING COVID-19**

**INAUGURATION**

**Programme Team**



**Dr. B. Giriraj,**  
Principal,  
PSG Polytechnic College.



**Shri. Taj Hassan IPS,**  
Executive Director,  
NIDM.



**Prof. Santosh Kumar,**  
Head, GIDRR Division,  
NIDM.



**Mr. Ali Haider,**  
Jr. Consultant,  
NIDM.

**Meeting Link:**

<https://meet.google.com/peo-jesb-xrc>

**Youtube Link:**

<https://youtu.be/81Eth1yIO9o>



**Stay Protected  
from Corona**



**Wear your Mask  
Properly**



**Follow Proper  
Hand Hygiene**



**Maintain Social  
Distancing**



**Get  
Vaccinated**



/nidmhatindia

/nidmindia

Website: [www.nidm.gov.in](http://www.nidm.gov.in)