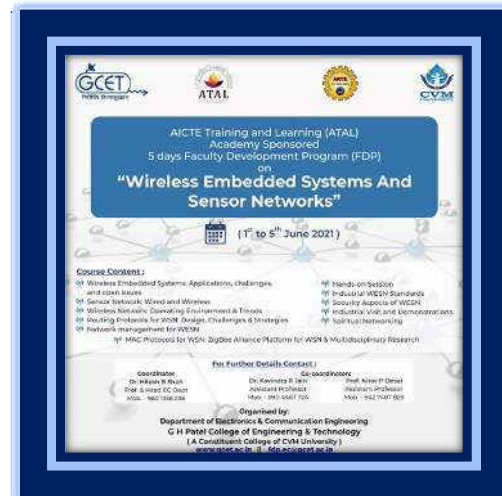


1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

A BRIEF REPORT



Faculty Coordinator

DR HITESH B SHAH

Professor & Head – ECE

Email: hiteshshah@gcet.ac.in || Mobile: +91 960 1265 236

FACULTY CO COORDINATOR

DR KAVINDRA R JAIN & PROF NIRAV P DESAI

ASSISTANT PROFESSORS -ECE

Email: kavindrajain@gcet.ac.in || Mobile: +91 9904467724

G H PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY

V V NAGAR

ORGANISED BY

DEPARTMENT OF ELECTRONICS AND

COMMUNICATION ENGINEERING

G H PATEL COLLEGE OF ENGINEERING AND

TECHNOLOGY

(A CONSTITUENT COLLEGE OF CVM UNIVERSITY)



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

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8	SESSION 2: - Smart Sensors and Wireless Network - DR. MRUTYUNJAY ROUT
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10	SESSION 4: - MAC Protocols for WSN - DR. SUJATA PAL
11	SESSION 5: - Zig bee Alliance Platform for WSN - DR. SACHIN GAJJAR
12	SESSION 6: - Sensor MAC: Multidisciplinary Research - DR. MAULIN JOSHI
13	SESSION 7: - Routing Protocols for WSN - DR. SASIKUMAR
14	SESSION 8: - WSN Routing: Design and Challenges - DR. BHARAT BHUSHAN
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16	SESSION 10: - Network Management for WESN - SLS Corp Ltd.
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18	SESSION 12: - Industrial Visit and Demonstrations - VOLANSYS, Ahmedabad
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1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

DAY 1 (01/06/2021)	9:30 AM	INAUGURAL		
	10:00 AM - 12:00 NOON	PLENARY TALK - 1	DR. T. V. PRABHAKAR IISc - Bangalore	Wireless Embedded Systems: Applications, Challenges and Open Issues
DAY 2 (02/06/2021)	01:00 PM - 3:00 PM	PLENARY TALK - 2	DR. MRUTYUNJAY ROUT NIT Jamshedpur	Smart Sensors and Wireless Network
	3:00 PM - 5:00 PM	PLENARY TALK - 3	DR. P S KALYAN SASIDHAR DAIICT - Gandhinagar	Wireless Network: Operating Environment and Trends
	9:00 AM - 11:00 AM	PLENARY TALK - 4	DR. SUJATA PAL IIT Ropar	MAC Protocols for WSN
DAY 3 (03/06/2021)	11:00 AM - 1:00PM	PLENARY TALK - 5	DR. SACHIN GAJJAR Nirma University	Zigbee Alliance Platform for WSN
	02:00 PM - 4:00 PM	PLENARY TALK - 6	DR. MAULIN JOSHI SCET, Surat	Sensor MAC: Multidisciplinary Research
	9:00 AM - 11:00 AM	PLENARY TALK - 7	DR. SASIKUMAR VIT, Vellore	Routing Protocols for WSN
DAY 4 (04/06/2021)	11:00 AM - 1:00PM	PLENARY TALK - 8	DR. BHARAT BHUSHAN Sharda University	WSN Routing: Design and Challenges
	02:00 PM - 4:00 PM	PLENARY TALK - 9	MARGAM SUTHAR Center for Mobile Computing & Wireless Technologies - GTU	A Practical Approach in WSN Routing Strategies
	9:00 AM - 11:00 AM	PLENARY TALK - 10	SLS Corp Ltd.	Network Management for WESN
DAY 5 (05/06/2021)	11:00 AM - 1:00PM	PLENARY TALK - 11	e-info chips (An Arrow Company), Ahmedabad	Industrial WESN Standards
	02:00 PM - 4:00 PM	PLENARY TALK - 12	VOLANSYS, Ahmedabad	Industrial Visit and Demonstrations
	9:00 AM - 11:00 AM	PLENARY TALK - 13	DR. K. K. SOUNDRAPANDIAN Scientist for Govt. India - Ministry of EIT, New Delhi	Security Aspects of WESN
DAY 5 (05/06/2021)	11:00 AM - 1:00PM	PLENARY TALK - 14	SADHU GNANNAYAN DAS Motivational Speaker BAPS Swaminarayan Sanstha	Spiritual Networking
	3:30 PM - 4:00 PM	VALEDICTORY		
	4:00 PM - 5:00 PM	QUIZ		



1ST ~ 5TH JUNE 2021



5 DAYS FACULTY DEVELOPMENT PROGRAM ON
WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS



AICTE- ATAL Sponsored 5 DAYS Faculty Development Program On
"WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS"
1ST ~ 5TH JUNE 2021

INAUGURAL FLOW

Welcome & Invocation

University & Institute at a Glance

Dr. HIMANSHU B SONI – Dean Engg., CVMU

Department & FDP at a Glance

Dr. HITESH B SHAH – FDP Coordinator

Address by Guest of Honor

Dr. T V PRABHAKAR

Presidential Remarks

Dr. P M UDANI - Dir. Gen., CVMU

Vote of Thanks

Dr. RAHUL K KHER

Organized By
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology

(A CONSTITUENT COLLEGE OF CHARUTAR VIDYA MANDAL UNIVERSITY)
Vallabh Vidyanagar - 388 120 (Gujarat)
www.gcet.ac.in || Email: idp.ec@gcet.ac.in



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

ABOUT INSTITUTE:

AICTE Training and Learning (ATAL) Academy Sponsored 5 days Faculty Development Program (FDP) On "Wireless Embedded Systems And Sensor Networks" (1ST to 5TH June 2021)

Course Content:

- Wireless Embedded Systems: Applications, Challenges and Future
- Wireless Sensor Networks: Design, Implementation & Simulation
- Wireless Sensor Networks: Design, Implementation & Simulation
- Wireless Sensor Networks: Design, Implementation & Simulation
- Wireless Sensor Networks: Design, Implementation & Simulation

For Further Details, Contact:

Dr. Anurag K. Singh
Head, Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
A Constituent College of CVM University
V V Nagar, Gandhinagar, Gandhinagar, Gandhinagar, Gandhinagar, Gandhinagar

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING @ G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY A CONSTITUENT COLLEGE OF CVM UNIVERSITY

WELCOMES

ALL INVITEES & PARTICIPANTS TO INAUGURAL FUNCTION OF ATAL FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORK 1ST ~ 5TH JUNE 2021.



G H Patel College of Engineering & Technology (GCET)

- Established in 1996
- Pioneer in Information Technology and Mechatronics Engineering across India
- Currently offering Eight Undergraduate Nine PG Programmes
- A Constituent College of Charutar Vidya Mandal University (Affiliated to Gujarat Technological University since 2008)
- Has been Among Top 100 Engineering Colleges as per the surveys made by Dataquest & Engineering

118 Faculty Members

FACULTY QUALIFICATION

Qualification	Percentage
PhD	37%
Pursuing PhD	17%
Post Graduate	46%

WOMEN EMPOWERMENT

Category	Percentage
Below 10 Years	10%
Between 10 to 20 Years	25%
Above 20 Years	65%

TIMES ENGINEERING INSTITUTE SURVEY 2020

Survey Parameters: Infrastructure and living experience, Selection Process, Faculty, Industry Interface, Internship, Potential to network/alumni outreach, Learning Experience, Facilities provided, Extracurricular activities, Placements.

49 RANK (Top 100 Private Engineering Institute Ranking 2020)

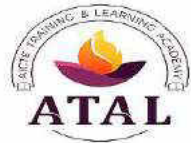
59 RANK (Top 155 Private Engineering Institute Ranking 2020)

IN GUJARAT STATE, ONLY GCET COLLEGE IS IN TOP 50 LIST

Source: <https://www.times-engineering-survey.com/private-engineering.html>



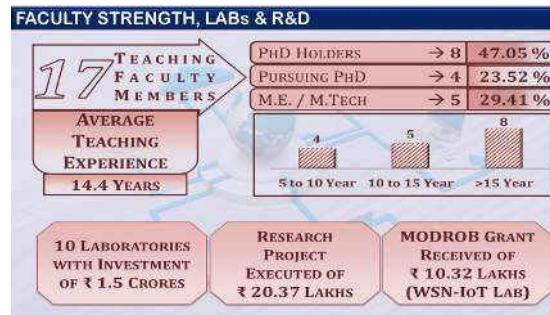
1ST ~ 5TH JUNE 2021



5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

ABOUT DEPARTMENT:

DEPARTMENT OFFERS...		
BACHELOR OF ENGINEERING IN ELECTRONICS & COMMUNICATION ENGINEERING	MASTER OF ENGINEERING IN COMMUNICATION ENGINEERING	MASTER OF ENGINEERING IN EMBEDDED SYSTEMS
STARTED IN 1997-98	STARTED IN 2007-08	STARTED IN 2013-14
FULL TIME 4 YEAR PROGRAMME	FULL TIME 2 YEAR PROGRAMME	FULL TIME 2 YEAR PROGRAMME
SANCTIONED INTAKE 60	SANCTIONED INTAKE 18	SANCTIONED INTAKE 18
19 BATCHES GRADUATED	11 BATCHES GRADUATED	5 BATCHES GRADUATED



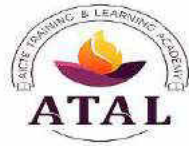
AICTE TRAINING AND LEARNING (ATAL) FACULTY DEVELOPMENT PROGRAM
On "Wireless Embedded Systems & Sensor Network"
1ST - 5TH June 2021

DR. HITESH K. SHAH
PROFESSOR & HEAD,
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING,
GCET.

- Dr. Hitesh Shah holds B.E. in Electronics Engineering (Sardar Patel University, Vallabh Vidyanagar), M.Tech in Control and Guidance (IIT - Roorkee) and Ph.D. in Control and Automation from IIT - Delhi.
- His teaching and research stints span of 23 years at this college. Dr. Shah is true academician with excellent credential as teacher, researcher, and administrator. As a teacher, he has been involved in the classroom and laboratories of various subjects at undergraduate and post graduate levels.
- He is the author/co-author of over 40 research papers and key contributions have been published in refereed international journals and conferences. He has supervised 17 post graduate dissertations.
- His current research interests are in the areas of Machine Learning, Soft-Computing Technologies, Signal and Image processing, Intelligent Control and their applications.

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1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

ABOUT FDP

AICTE Training and Learning (ATAL) Academy Sponsored 5 days Faculty Development Program (FDP) on "Wireless Embedded Systems And Sensor Networks" (1st to 5th June 2021)

Course Content:

- W1: Wireless Embedded Systems: Applications, challenges, and open issues.
- W2: Sensor Network: Wireless and WSNs.
- W3: Wireless Network: Operating environment & Trends.
- W4: Routing protocols for WSN: Design, Challenges & Strategies.
- W5: Network management for WSNs.
- W6: MAC Protocols for WSN: ZigBee, Alliance Platform for WSN & Multiscale Binary Research.
- W7: Hands-on Session.
- W8: Industrial WSN Standards.
- W9: Security Aspects of WSN.
- W10: Industrial visit and Demonstrations.
- W11: Sensor Network.

For Further Details Contact:

Coordinator: Dr. Vikas K. Singh, Prof. & Head, IT Dept, HOD, 301, 120, 120.

Co-Coordinator: Dr. Mahesh K. Singh, Professor, Professor, HOD, 301, 120, 120.

Organized by: Department of Electronics & Communication Engineering, G.H. Patel College of Engineering & Technology (A Constituent College of CVM University), www.cvm.ac.in - info@cvmpatel.ac.in

About FDP



This FDP covers the Wireless Embedded Systems and Sensor Network related topics including Applications, challenges and open issues, Industrial WSN standards, Routing protocols for wireless sensor network its design challenges and strategies, Industrial visit & demonstrations



Eminent personalities with expertise in related fields from IIT's, NIT's, and industry experts along with our own stakeholders are going to deliver lectures and conducting hands-on sessions during the program.

About FDP

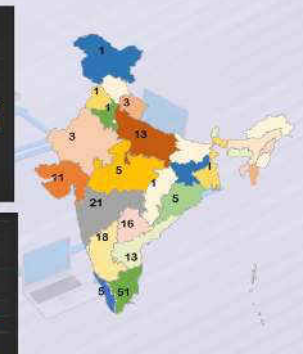


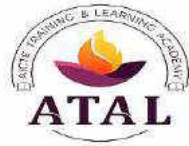
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Eminent personalities with expertise in related fields from IIT's, NIT's, and industry experts along with our own stakeholders are going to deliver lectures and conducting hands-on sessions during the program.

Participation Statistics





1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

INAUGURAL SESSION





1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 1

SESSION 2

Wireless Embedded Systems: Applications, Challenges and Open Issues – DR. PRABHAKAR. T.

Smart Sensors and Wireless Network – DR. MRUTYUNJAY ROUT

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"

WIRELESS EMBEDDED SYSTEMS: APPLICATIONS, CHALLENGES & OPEN ISSUES

PLATFORM: MS TEAMS
DATE: 01 June 2021
TIME: 10:00 AM - 12:00 NOON

Organized by:
Department of Electronics & Communication Engineering
G. In-Ram College of Engineering & Technology
(A Constituent College of CVM University)

DR. T.V. PRABHAKAR
IISc - BANGALORE

DR. T.V. PRABHAKAR
IISc - BANGALORE

BLE Mesh

CERTIFICATE OF APPRECIATION
This is awarded to
DR T V PRABHAKAR
For delivering a plenary talk on
"WIRELESS EMBEDDED SYSTEMS: APPLICATION, CHALLENGES & OPEN ISSUES"
AICTE-Training And Learning (ATL) Academy Sponsored Five Days Faculty Development Program on
Wireless Embedded Systems & Sensor Networks
During 1ST to 5TH June 2021
Organized by:
Department of Electronics & Communication Engineering
G. In-Ram College of Engineering & Technology
(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"

SMART SENSORS & WIRELESS NETWORK

PLATFORM: MS TEAMS
DATE: 01 June 2021
TIME: 10:00 AM - 12:00 PM

Organized by:
Department of Electronics & Communication Engineering
G. In-Ram College of Engineering & Technology
(A Constituent College of CVM University)

DR. MRUTYUNJAY ROUT
IIT Amalapur

DR. MRUTYUNJAY ROUT
IIT Amalapur

Waste Management in Smart Cities

Evolution of Smart Sensors

Sensors/Transducers

CERTIFICATE OF APPRECIATION
This is awarded to
DR MRUTYUNJAY ROUT
For delivering a plenary talk on
"SMART SENSORS & WIRELESS NETWORKS"
AICTE-Training And Learning (ATL) Academy Sponsored Five Days Faculty Development Program on
Wireless Embedded Systems & Sensor Networks
During 1ST to 5TH June 2021
Organized by:
Department of Electronics & Communication Engineering
G. In-Ram College of Engineering & Technology
(A Constituent College of CVM University)



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 3

Wireless Network: Operating Environment and Trends – DR. P S KALYAN SASIDHAR

Session 3 presentation slides by Dr. P S Kalyan Sasidhar. The slides cover the following topics:

- Wireless Sensor Network: Operating Environment and Trends** (Slide 1)
- Origins of WSNs** (Slide 2)
- Layered view of WSN in IoT perspective** (Slide 3)
- Trends in WSNs** (Slide 4)
- Agenda** (Slide 5)
- Mobile nursing: The phone as a WSN** (Slide 6)
- Certificate of Appreciation** (Slide 7)

SESSION 4

MAC Protocols for WSN – DR. SUJATA PAL

Session 4 presentation slides by Dr. Sujata Pal. The slides cover the following topics:

- MAC PROTOCOLS FOR WSN** (Slide 1)
- MAC Protocols for WSNs** (Slide 2)
- Advantages of Message Passing** (Slide 3)
- Choosing & Maintaining Schedules** (Slide 4)
- Certificate of Appreciation** (Slide 5)



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 5

Zig bee Alliance Platform for WSN – DR. SACHIN GAJJAR

DR. SACHIN GAJJAR
SCET, Surati

Typical Wireless Sensor Network

Architecture Support System using Sensor and Actuator Network (Robot, Fire, Gas, Sugar)

Connections

WSN Deployment

SESSION 6

Sensor MAC: Multidisciplinary Research – DR. MAULIN JOSHI

DR. MAULIN JOSHI
SCET, Surati

SENSOR MAC: MULTIDISCIPLINARY RESEARCH

Generalized ARNN model architecture

Simulation Results: Low Speed Trajectory (0-5m/sec)

Prediction based Target Tracking in WSN

CERTIFICATE OF APPRECIATION
This is awarded to **Dr MAULIN JOSHI** for his distinguished & sincere role as **"SENSOR MAC MULTIDISCIPLINARY RESEARCH"** in the 5 Days Faculty Development Program on **Wireless Embedded Systems & Sensor Networks** (From 1st to 5th June 2021).



5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 8

WSN Routing: Design and Challenges – DR. BHARAT BHUSHAN

[illegible]



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 9

A Practical Approach in WSN Routing Strategies – MARGAM SUTHAR

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
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(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
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5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
Department of Electronics & Communication Engineering
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5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
A PRACTICAL APPROACH IN WSN ROUTING STRATEGIES

PLATFORM: MITSUBISHI
DATE: 03 JUNE 2021
TIME: 2:00 PM to 4:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

SESSION 10

Network Management for WESN - SLS Corp Ltd.

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
Department of Electronics & Communication Engineering
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5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
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5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
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G H Patel College of Engineering & Technology
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5 DAYS FDP (1ST - 5TH JUNE 2021)
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
NETWORK MANAGEMENT FOR WESN

PLATFORM: MITSUBISHI
DATE: 04 JUNE 2021
TIME: 10:00 AM to 12:00 PM

Organized by:
Department of Electronics & Communication Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 11

Industrial WESN Standards - e-info chips
(An Arrow Company), Ahmedabad

SESSION 12

Industrial Visit and Demonstrations -
VOLANSYS, Ahmedabad

2 DAYS TRAINING - 30th June 2021

INDUSTRIAL WESN STANDARDS

Dr. Praneesh Purohit
Senior Engineer, e-info chips

Dr. Praneesh Purohit
Senior Engineer, e-info chips

2 DAYS TRAINING - 30th June 2021

INDUSTRIAL WESN STANDARDS

Dr. Praneesh Purohit
Senior Engineer, e-info chips

Dr. Praneesh Purohit
Senior Engineer, e-info chips

2 DAYS VISIT - 1st June 2021

VIRTUAL INDUSTRIAL VISIT DEMONSTRATIONS

Dr. Nilav Choksi
Senior Engineer, Volansys

Dr. Nilav Choksi
Senior Engineer, Volansys

2 DAYS VISIT - 1st June 2021

VIRTUAL INDUSTRIAL VISIT DEMONSTRATIONS

Dr. Nilav Choksi
Senior Engineer, Volansys

Dr. Nilav Choksi
Senior Engineer, Volansys



1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

SESSION 13

SECURITY ASPECTS OF WESN - DR. K. K. SOUNDRAPANDIAN



DR. K. K. SOUNDRAPANDIAN
Associate Professor, Department of Computer Science and Engineering,
Gokul College of Engineering and Technology,
Chennai-600 095



**3 DAYS FOR (1ST - 3RD JUNE 2021)
ON
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
IN
SECURITY ASPECTS OF WESN**

PLATFORM: MS TEAMS
DATE: 01 June 2021
TIME: 9:00 AM to 12:00 AM



DR. K. K. SOUNDRAPANDIAN
Associate Professor, Department of Computer Science and Engineering,
Gokul College of Engineering and Technology,
Chennai-600 095









SESSION 14

SPIRITUAL NETWORKING: SADHU GNANNAYAN DAS



SADHU GNANNAYAN DAS
Motivational Speaker
BAPS Swaminarayan Sanstha



**3 DAYS FOR (1ST - 3RD JUNE 2021)
ON
"WIRELESS EMBEDDED SYSTEMS & SENSOR NETWORKS"
IN
SPIRITUAL NETWORKING**

PLATFORM: MS TEAMS
DATE: 01 June 2021
TIME: 12:00 AM - 3:00 PM

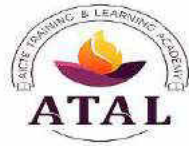


SADHU GNANNAYAN DAS
Motivational Speaker
BAPS Swaminarayan Sanstha





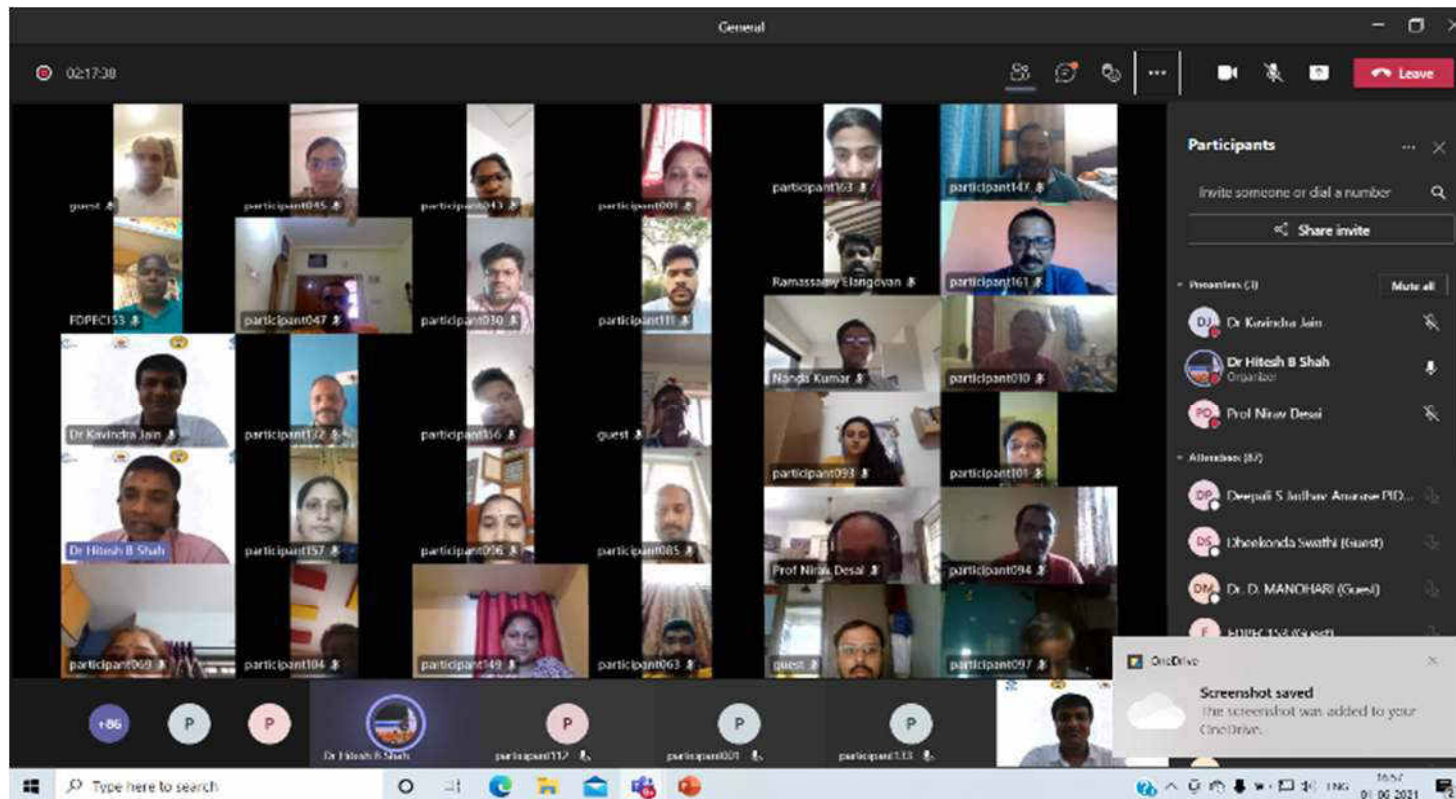




1ST ~ 5TH JUNE 2021

5 DAYS FACULTY DEVELOPMENT PROGRAM ON WIRELESS EMBEDDED SYSTEMS AND SENSOR NETWORKS

GROUP PHOTO SESSION & FEEDBACK



Feed Back In Chat Box :- All Sessions Were Very Resourcefull With Excellent Content Based On Respective Topics Of Speakers