

GSSS Institute of Engineering and Technology for Women, Mysuru – 16
Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka.
Approved by AICTE, New Delhi.

Department of Instrumentation Technology

S A I T

Students Association of Instrumentation Technology

GSSS/IT/forum/2018-19/

Date: 11.04.2019

Circular

The “Students Association of Instrumentation Technology” (SAIT) is organizing the Two day Workshop on “*IoT using NI Technologies*” on 23rd and 24th April 2019.

Resource Person : Mr. Nagarajan G
Sr. Application Engineer, VI Solutions, Bengaluru

Workshop on : “*IoT using NI Technologies*”.

Date : 23rd and 24th April 2019

Time : 09:00 AM – 04:30 PM

Venue : Robotics Lab, GSSSIETW, Mysuru.

In this connection VIII semester students are informed to attend the Event.


Coordinator
Pavithra S


HOD
(Dr. Venkatratnam C)

Head of the Department
DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING
G S S S I E T W
K.R.S. Road, Mysuru-570 016



NAGARAJAN G

Email ID: nagu.royal@gmail.com

Mobile: +91-9791324912

Nagarajan G, Postgraduate from Anna University, Chennai in the year 2014. Currently he is designated as Senior Application Engineer in VI Solutions, Bangalore, and handling the major responsibility of supporting various industries in implementing several Turn-key Systems and System Integration projects using NI products.

He is also handling the major responsibility of "Improving the quality of Engineering & Science Education" and eradicating the impoverish methods of education and inculcating the interest for LabVIEW.

Nagarajan has travelled far and wide throughout India and has delivered thought provoking lectures which inspire the students and kindle their interests towards LabVIEW and also visited more than 60 Indian Engineering Institutions. He had conducted more number of hands on trainings to engineering students of various branches on "LabVIEW basics and Data Acquisition". He also had conducted many faculty development workshops on various trending technologies including RF Communication & Wireless Systems, Advanced Signal Processing and Data Acquisition and control etc. He has delivered more than 200 Lectures on "Experiential Engineering Education" on varied Technology Topics.

Key Interest areas:

- Power Electronics
- Measurement & Automation
- Sensors, Data Acquisition & Signal Conditioning
- Wireless Sensor Network
- FPGA based Embedded System Design



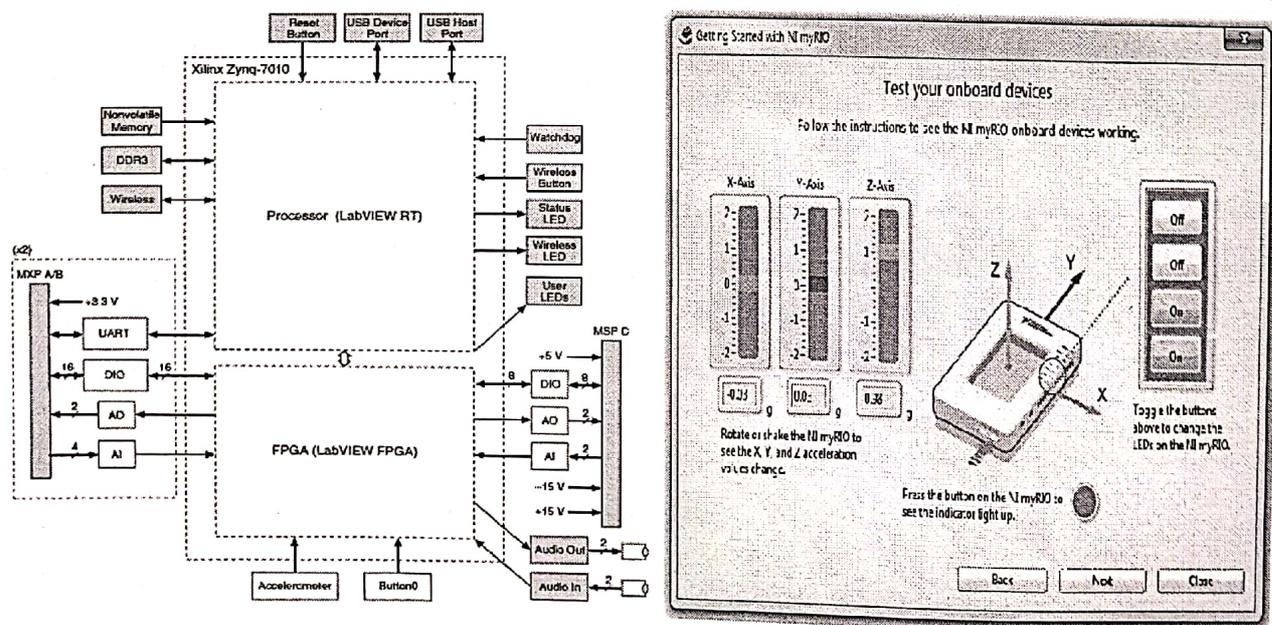
Students Association of Instrumentation Technology

Resource Person : Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bengaluru
Report On : 2 days workshop on “IoT using NI Technologies”
Date / Time : 23rd & 24th April 2019, 9:30 AM – 4:30 PM
Venue : Robotics Lab, GSSSIETW.

Department of Electronics & Instrumentation Engineering had organized five days inter-department workshop on “IoT using NI Technologies” by Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bangalore in association with **National Instruments, Bengaluru** from 23rd to 24th April 2019 under ISOI student chapter for students of VIII semester.

Day1: 23rd April 2019 (Understanding IoT through local network and myRIO architecture)

Mr. Nagarajan G started the training by illustrating detailed introduction about NI myRIO board which features the programmable system on a chip (SoC) to unleash the power of NI LabVIEW system design software both in a real-time (RT) application and on the FPGA level. The RT and FPGA capabilities along with onboard memory and built-in WiFi allow students to deploy applications remotely and run them “headlessly” (without a remote computer connection). During the workshop, Mr. Nagarajan G provided hands-on training by building practical examples to test on board Accelerometer, LED blinking and traffic light programming.



Fig(1):- NI myRIO-1900 Hardware Block Diagram

- The NI myRIO embedded student design device was created for students to do real-world engineering.

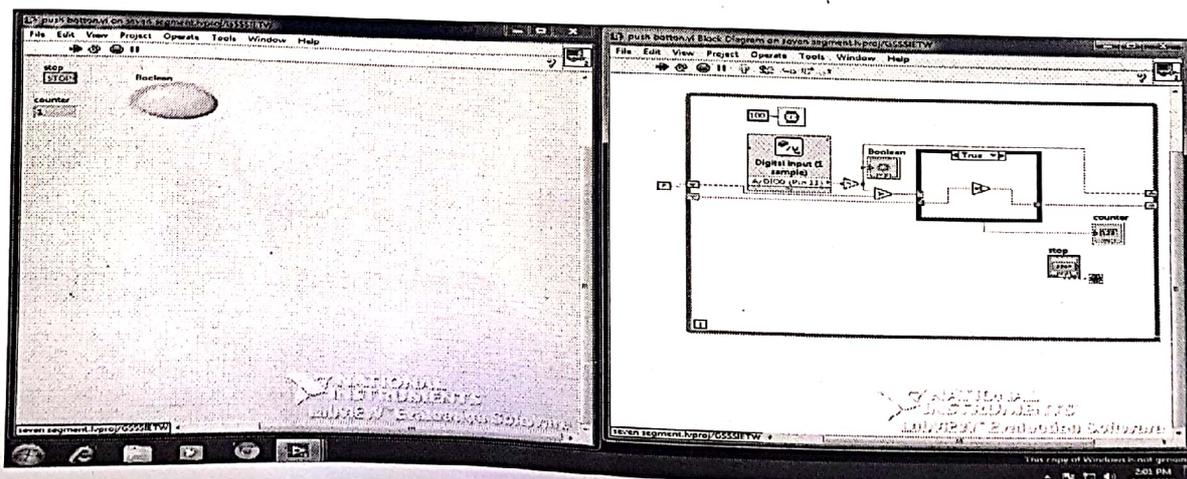
- It features a 667 MHz dual-core ARM Cortex-A9 programmable processor and a customizable Xilinx field-programmable gate array (FPGA) that students can use to start developing systems and solve complicated design problems faster—all in a sleek and simple enclosure with a compact form factor.
- Three connectors (two NI myRIO expansion ports [MXP] and one NI miniSystems port [MSP] that is identical to the NI myDAQ connector) send and receive signals from sensors and circuitry that students need in their systems.
- Forty digital I/O lines overall with support for SPI, PWM out, quadrature encoder input, UART, and I2C; eight single-ended analog inputs; two differential analog inputs; four single-ended analog outputs; and two ground-referenced analog outputs allow for connectivity to countless sensors and devices and programmatic control of systems.
- All of this functionality is built in and preconfigured in the default FPGA functionality, which eliminates the need for expansion boards or “shields” to add utility.

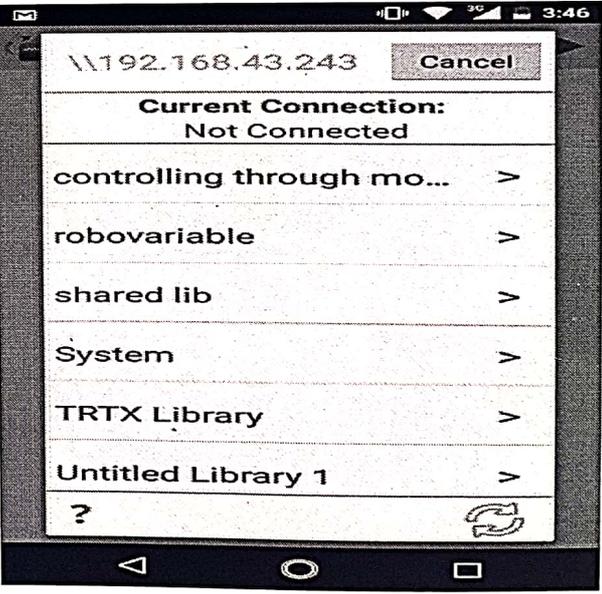
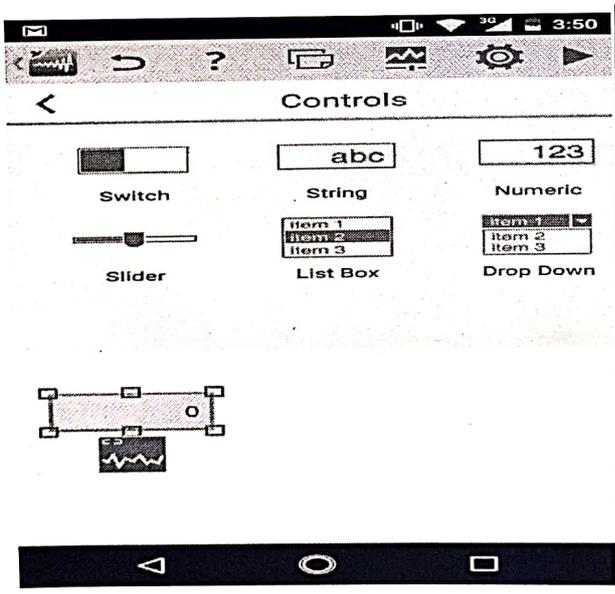
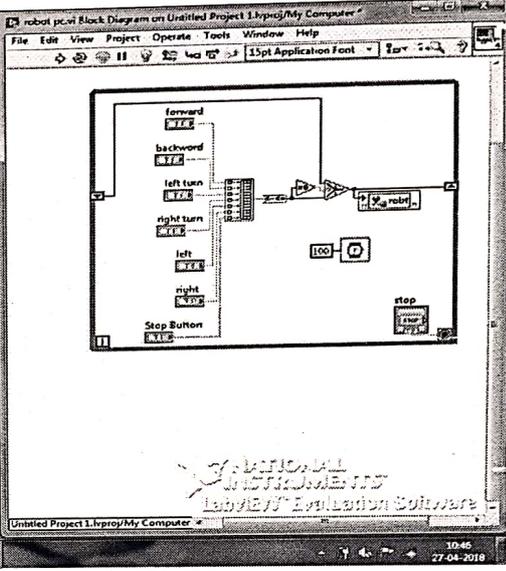
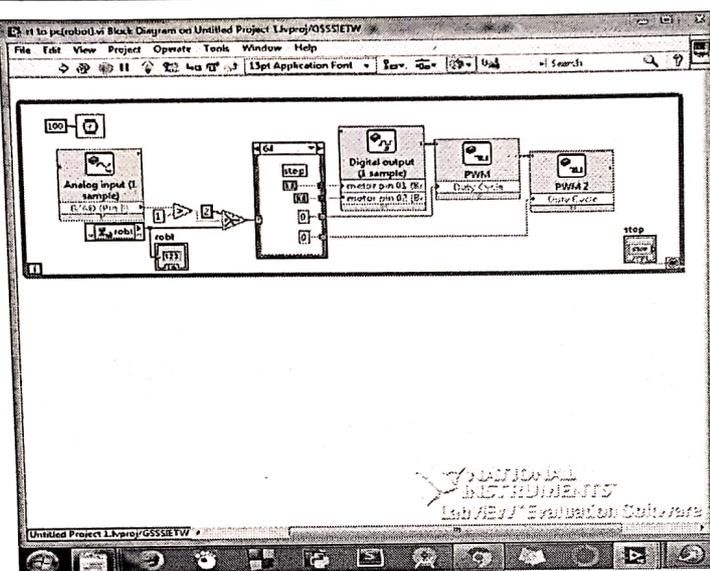
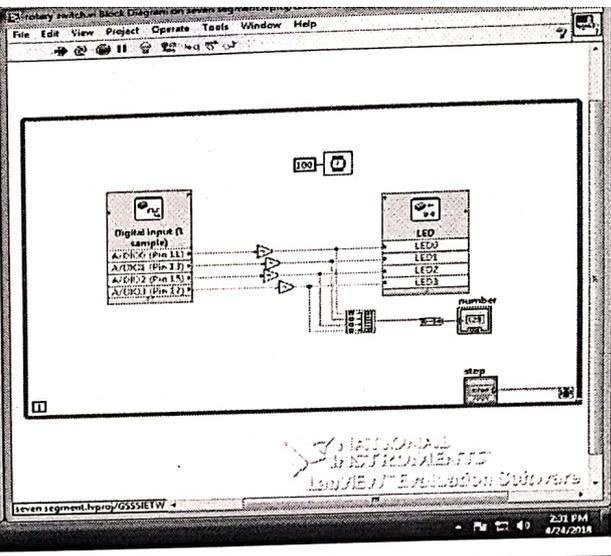
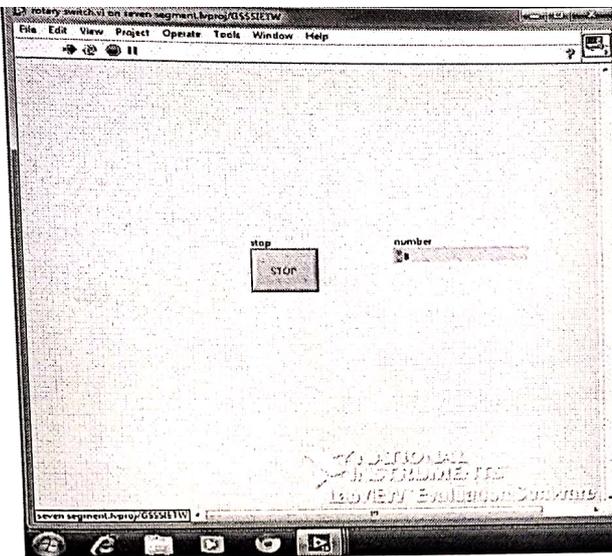
Day2: 24th April 2019 (Hands-on NI myRIO – Creating Stand-alone application, AI, AO & DIO Programming

– Sensor Data Acquisition & Calibration in FPGA, Configuring & Connecting myRIO through Wi-Fi

– Application Development (Wireless Network), Interfacing Mobile Devices)

During day 2, demonstrated interfacing various sensors and devices such as Seven segment display, Potentiometer, Push button, Rotary switch, etc., Creating Shared Variables was explained in detail. The steps for execution of the same were demonstrated. Finally, concluded the workshop by briefing about the importance of Mobile communication using data dashboard. Data Dashboard allows you to create custom, portable views of National Instruments LabVIEW applications. Using this application, you can create dashboards to display the values of network-published shared variables and deployed LabVIEW Web services on indicators, such as charts, gauges, textboxes, and LEDs.





Prepared By, *Pavithra S*
27/12/19
Mrs. Pavithra S

Dr. Venkatratnam C
2/1/4
HOD

(Dr. Venkatratnam C)
Head of the Department
DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING
GSSSIETW

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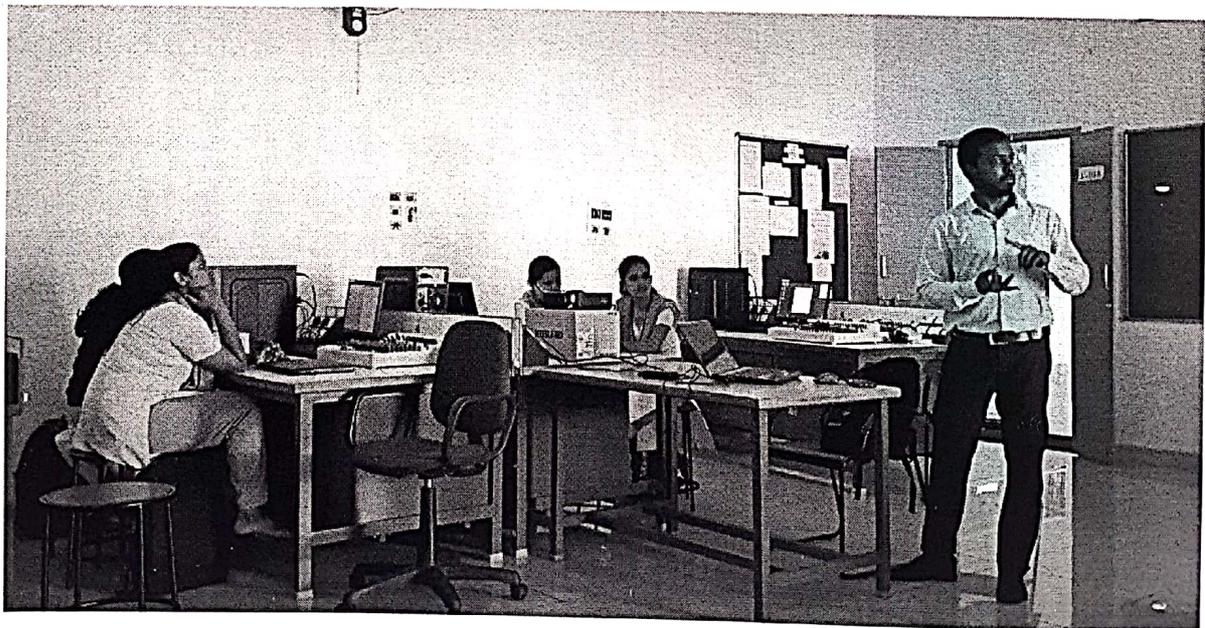
Department of Instrumentation Technology

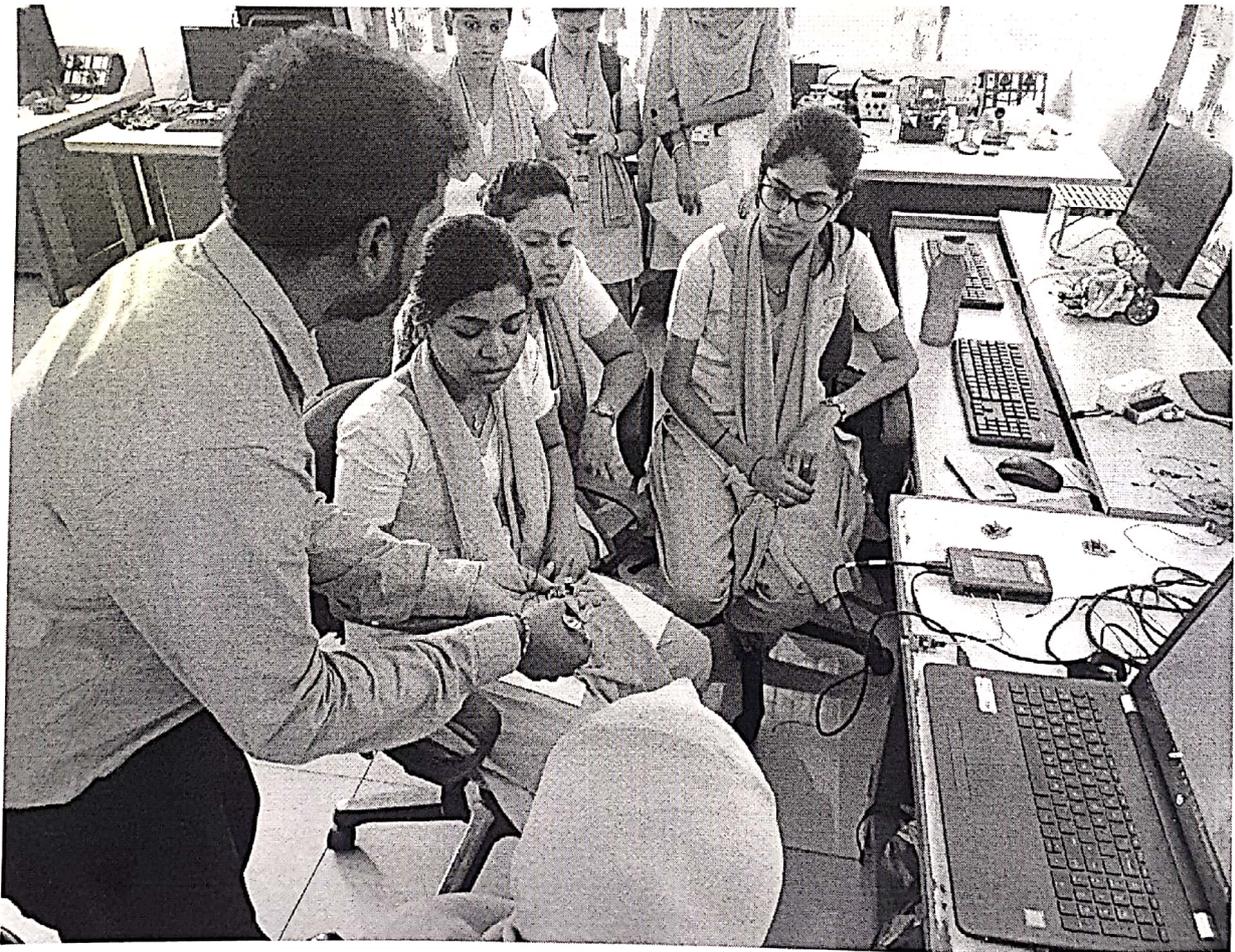
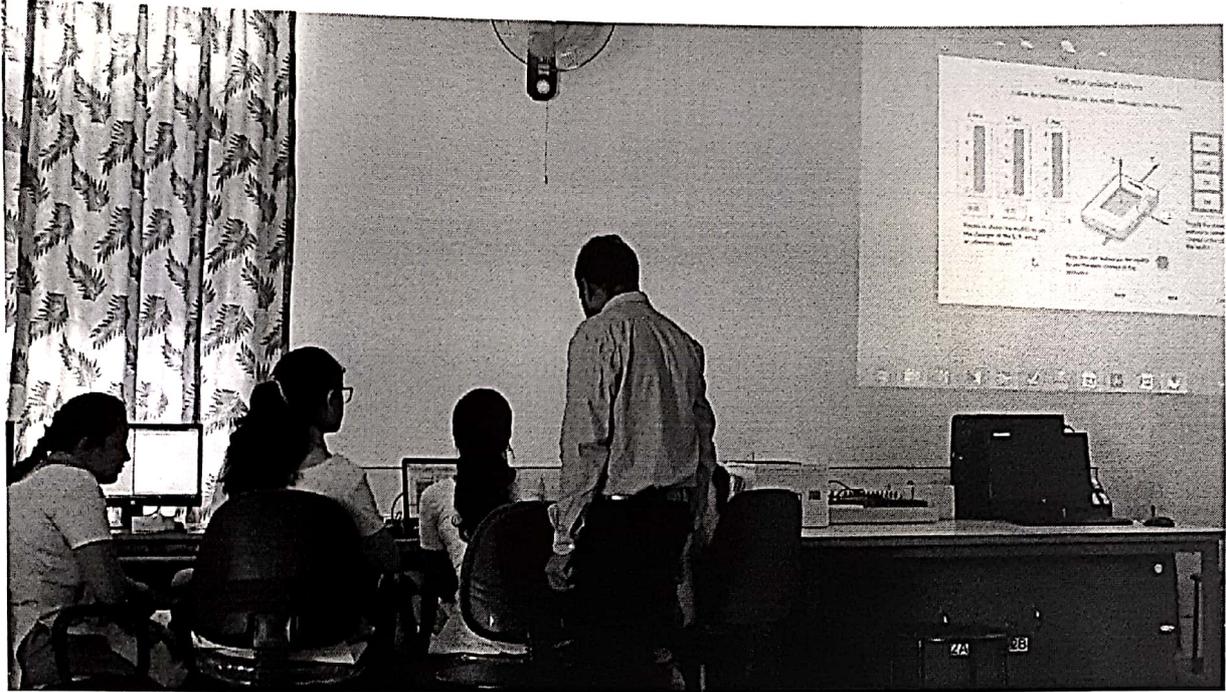


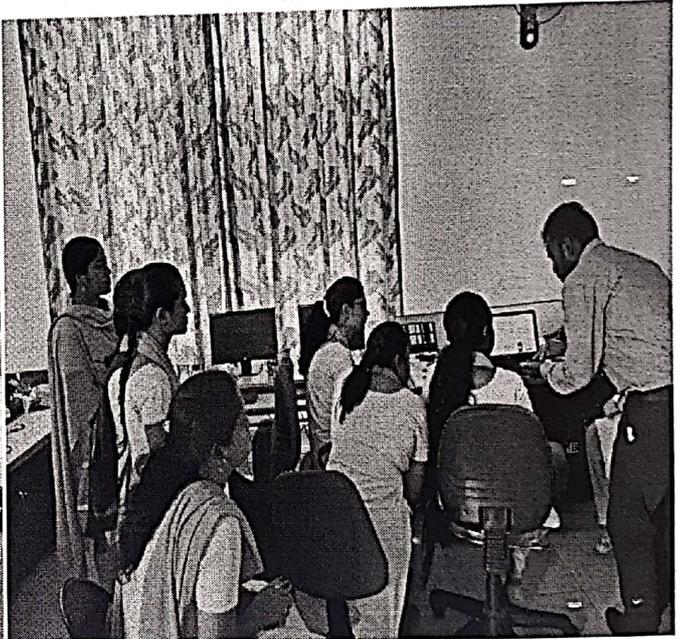
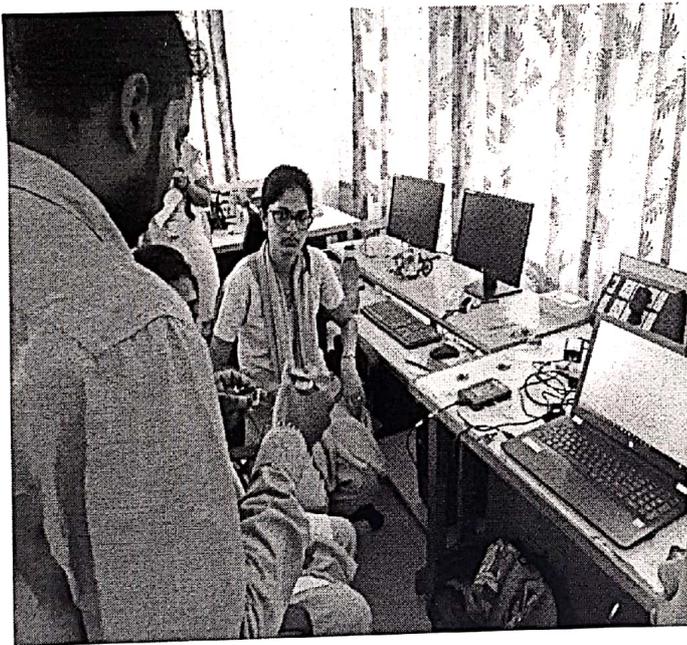
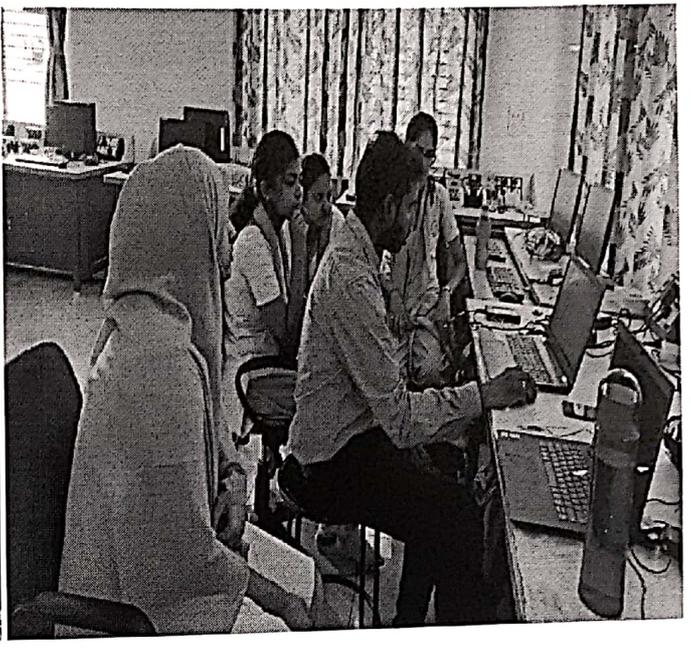
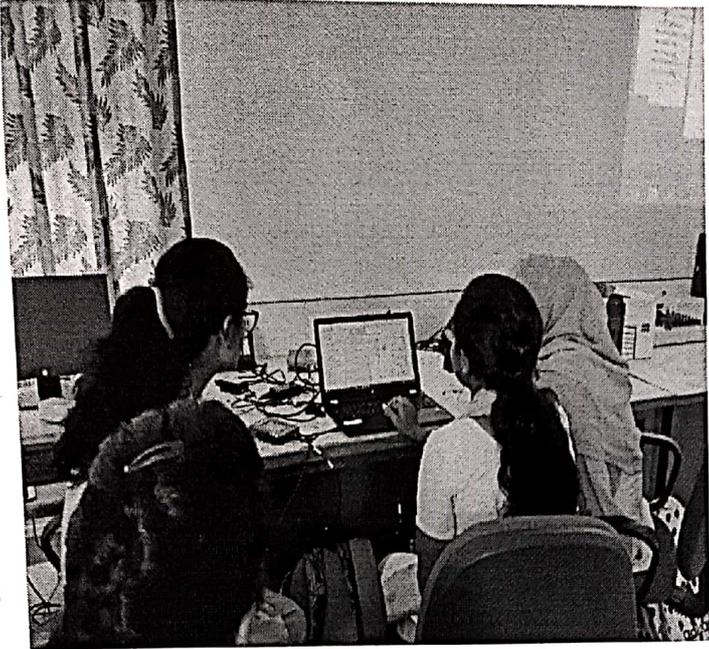
S A I T



Students Association of Instrumentation Technology







2 days workshop on "IOT using NI Technologies" by Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bengaluru for VIII sem students on 23rd and 24th April 2019.



Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
KRS Road, Metagalli, Mysuru 570 016, Karnataka, India

Department of Electronics and Instrumentation Engineering

Instrumentation Technology
Accredited by NBA, New Delhi
(Validity: 01.07.2017 - 30.06.2020)

FEEDBACK FORM

Event: Two days workshop on "IoT using NI Technologies"

Date: 24/04/2019

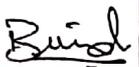
Resource Person: Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bengaluru

Semester- 8th

Does this event provide?

Q1	:	Opportunity for analysis and solving of complex engineering problem.
Q2	:	Knowledge of modern engineering and IT tools.
Q3	:	Motivation for independent and life-long learning.
Q4	:	Helps to apply the concepts of measurement and sensor selection in automation industry.

Ratings: Excellent-3; Good-2; Satisfactory-1; Poor-0

Sl. No.	Student USN	Q1	Q2	Q3	Q4	Please provide remarks for rating less than 2 to improve the event quality	Signature with Date
1	4GW15EI002						
2	4GW15EI003						
3	4GW15EI005						
4	4GW15EI006	3	3	3	3	The workshop conducted was very useful. ☺	
5	4GW15EI007	3	3	3	3	It was useful	
6	4GW15EI008						
7	4GW15EI009						
8	4GW15EI011						

9	4GW15EI014						
10	4GW15EI015						
11	4GW15EI017	3	3	3	3	It was good	<u>Alivido</u>
12	4GW15EI018	3	3	3	3	It was Informative	<u>Paul</u>
13	4GW15EI019						
14	4GW15EI022	3	3	3	3	It was good & informative	<u>Prigade</u>
15	4GW15EI023						
16	4GW15EI024						
17	4GW15EI025						
18	4GW15EI026						
19	4GW15EI029	3	3	3	3	It was informative & useful	<u>Samy</u>
20	4GW15EI030	3	3	3	3	It was useful	<u>Spaul</u>
21	4GW15EI032						
22	4GW15EI033	3	3	3	3	It was informative	<u>Paul</u>
23	4GW15EI035	3	3	3	3	It was useful	<u>Paul</u>
24	4GW15EI036						
25	4GW15EI037						
26	4GW15EI038						
27	4GW15EI039	3	3	3	3	It was helpful	<u>Vanina</u>
28	4GW15EI040						
29	4GW15EI041						
30	4GW15EI042						

31	4GW15EI043	3	3	3	3	Good & informative	<i>Noted</i>
32	4GW16EI400						
33	4GW16EI403						
34	4GW14EI017						
35	4GW14EI041						
For Department Use:							
Average		3	3	3	3	Observation	Coordinator Signature with Date
Attainment Level >80% -3 >70% -2 >60% -1 <60% -0						PO3, PO5, PO12 & PSO attainment level is 3, > 80%.	<i>Paul S</i> 24/11/19

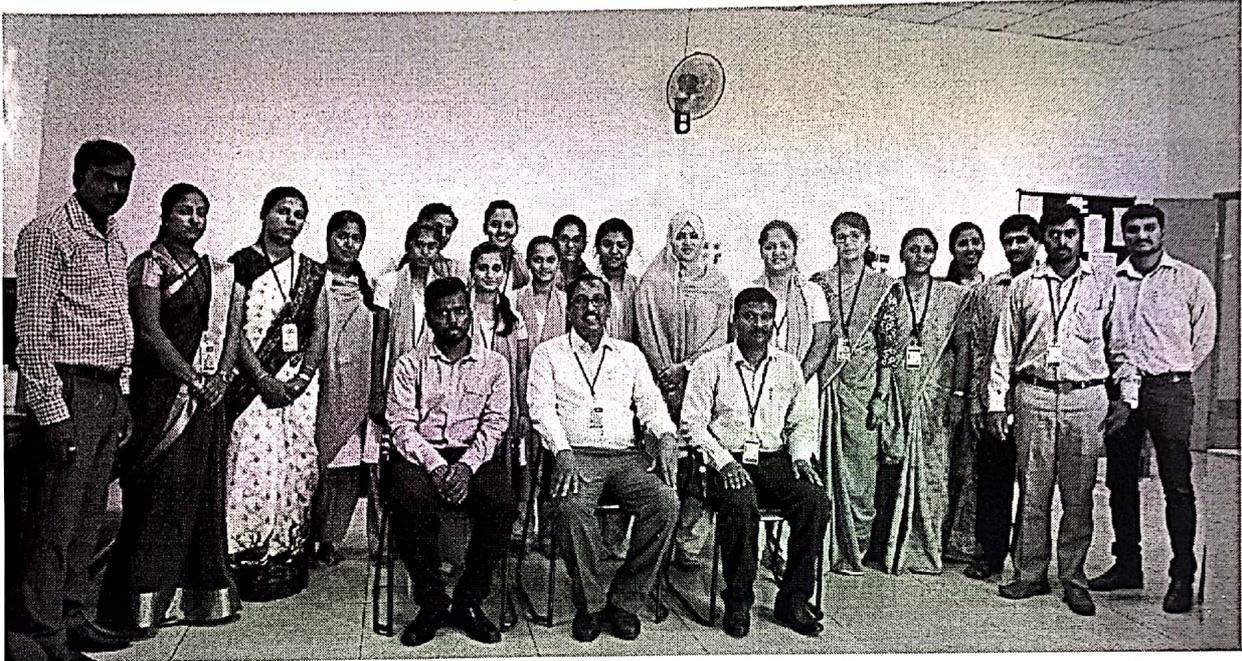
Paul S
EVENT COORDINATOR

[Signature]
NBA COORDINATOR

[Signature]
24/11
HOD
Head of the Department
DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING
GSSSIETW
K.R.S. Road, Mysuru-570 015

PRESS NOTE

Two days Workshop on “IoT using NI Technologies” by VI solutions in association with National Instruments held during 23rd & 24th April 2019



Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bengaluru, Dr. M. Shivakumar Prof. & Principal, GSSSIETW, Dr. Venkatratnam C, Assoc. Prof. & HoD, faculties and students of EIE.

The Department of Electronics & Instrumentation Engineering, GSSSIETW, Mysuru had organized two days on “IoT using NI Technologies” by VI solutions in association with **National Instruments, Bengaluru** for the students of 8th semester EIE from 23rd to 24th April 2019 under Instrument Society of India (ISOI) Student Chapter. The resource person for this program was **Mr. Nagarajan G, Senior Applications Engineer, VI Solutions, Bengaluru**. He is handling the major responsibility of supporting various industries in implementing several Turn-key Systems and System Integration projects using NI products, also handling the major responsibility of “Improving the quality of Engineering & Science Education” and eradicating the impoverish methods of education and inculcating the interest for LabVIEW. He has travelled far and wide throughout India and has delivered thought provoking lectures which inspire the students and kindle their interests towards LabVIEW and also visited more than 60 Indian



Geetha Shishu Shiksha Sangha (R)

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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

(Previously known as Instrumentation Technology, Accredited by NBA, New Delhi,

Validity: 01/07/2017 – 30/06/202)

Engineering Institutions. He had conducted more number of hands on trainings to engineering students of various branches on “LabVIEW basics and Data Acquisition”.

Mr. Nagarajan G started the session by highlighting about the current topic of interest which is Internet of Things (IoT). He explained in detail about NI myRIO board which features the programmable system on a chip (SoC) to unleash the power of NI LabVIEW system design software both in a real-time (RT) application and on the FPGA level. The RT and FPGA capabilities along with onboard memory and built-in WiFi allow students to deploy applications remotely and run them “headlessly” (without a remote computer connection). During the workshop, Mr. Nagarajan G provided hands-on training by building practical examples of IoT applications such as interfacing NI myRIO board to IR sensors, actuators, and DC motors. All these devices must be connected to the Internet to allow online/remote control and monitoring. He also demonstrated how to create different things, incorporate sensors and actuators in them, and connect them to the cloud. Dr. Venkatratnam C, Assoc. Prof. & Head, Staffs and Students of EIE department were present during this occasion.

Dr. M. Shivakumar, Prof. & Principal, GSSSIETW felicitated the workshop trainer.


24/4
HOD

(Dr. Venkatratnam C)

Head of the Department
DEPARTMENT OF ELECTRONICS &
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GSSSIETW
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Geetha Shiksha Sangha(R)

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Department of Electronics and Instrumentation Engineering

(Accredited by NBA, New Delhi, Validity: 01/07/2017 to 30/06/2020)

Date: 23/4/19

Sem: VIII EIE

Two Day Workshop on "IoT using NI Technologies"

Sl. No.	USN NO	Student Name	23/04/2019		24/04/2019	
			Forenoon	Afternoon	Forenoon	Afternoon
1	4GW15EI002	Amrutha M S	Amrutha			
2	4GW15EI003	Asha G P				
3	4GW15EI005	Asma Shaikh	Asma	Asma		
4	4GW15EI006	Bhagyajyothi M Patil	Bhagyajyothi	Bhagyajyothi	Bhagyajyothi	Bhagyajyothi
5	4GW15EI007	Bindushree C D	Bindushree	Bindushree		
6	4GW15EI008	Feedha Rafeeqe	Feedha	Feedha	Feedha	Feedha
7	4GW15EI009	Ghousia Neha	Ghousia			
8	4GW15EI011	Hiba Fathima	Hiba	Hiba		
9	4GW15EI014	Mamatha Rani M S	Mamatha			
10	4GW15EI015	M Manimekala	Manimekala	Manimekala	Manimekala	Manimekala
11	4GW15EI017	Niveditha B R	Niveditha			
12	4GW15EI018	Pooja H N	Pooja	Pooja	Pooja	
13	4GW15EI019	Pooja M				
14	4GW15EI022	Priyanka N	Priyanka	Priyanka		
15	4GW15EI023	Rachana N	Rachana	Rachana	Rachana	
16	4GW15EI024	Raziqua M				
17	4GW15EI025	Shreya Goel D				
18	4GW15EI026	Shreyanka T	Shreyanka	Shreyanka		
19	4GW15EI029	Soumya C	Soumya	Soumya		
20	4GW15EI030	Spoorthy S	Spoorthy	Spoorthy		
21	4GW15EI032	Sufia				
22	4GW15EI033	Sukruthi N S	Sukruthi	Sukruthi	Sukruthi	Sukruthi
23	4GW15EI035	Swathi Muralidhar	Swathi	Swathi		
24	4GW15EI036	Syeda Afreen Saher	Afreen	Afreen		
25	4GW15EI037	Tejaswini A	Tejaswini	Tejaswini		
26	4GW15EI038	Tejaswini M S				
27	4GW15EI039	Vaishnavi Diggavi	Vaishnavi	Vaishnavi		
28	4GW15EI040	Varsha S				
29	4GW15EI041	Varshini S				
30	4GW15EI042	Vinutha K	Vinutha	Vinutha		
31	4GW15EI043	Vinuthala:shmi K	Vinuthala	Vinuthala		
32	4GW16EI401	Deepthi K N	Deepthi	Deepthi		
33	4GW16EI403	Yogitha S P				
34	4GW14EI017	Kadambini K R	Kadambini			
35	4GW14EI041	Rakshitha N				



Geetha Shishu Shikshana Sangha (R)

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To,
The Principal,
GSSSIETW,
Mysuru.

Date: 28-03-2019

Respected Sir,

Sub: Permission to organize 2 days workshop for VIII Sem Students - reg.,

Department of Electronics & Instrumentation Engineering would like to organize two days workshop on "IoT at NI technology" by VI Solutions, Bengaluru in association with National Instruments, Bengaluru on 23rd and 24th April 2019 for students of 8th semester. The total expenditures for the workshop conduction would be approximately Rs. 24,880/- and the amount will be utilized from Student Specific Budget. The budget estimation for the same is enclosed herewith for your perusal.

VI Solutions is an automation Company and a pioneer in providing Systems, Solutions and Products for a wide range of industries and applications. VI Solutions is specialized in the design and realization of turnkey machines and tools. VI Solutions is one of the leading companies in building Advanced Communication Systems, Real Time Embedded Systems and other Industrial Automation services for applications in Department of Defence, Aerospace and Educational Institutions. VI Solutions is focused on becoming a leader in the development of test and measurement and industrial automation software and systems. Students will have hands-on learning, which enhances the employability of our students in various industries. Please find enclosed letter, which briefs about the training program and number of students with approximate amount for training. Kindly consider and oblige.

Thanking You,

TO

Accounts Section
Dr. Shivakumar


Prepared By

Mrs. Pavithra S


28/3
Yours faithfully

(Dr. Venkatratnam C)

Head of the Department
DEPARTMENT OF ELECTRONICS &
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GSSSIETW
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Date: 28-03-2019

Details of the number of students and the approximate amount for training:

Sl. No.	Semester	Workshop details	Date of Conduction	Duration of the Workshop	No. of Students	Renumeration ₹ Day	Total
1	VIII	IoT at NI technology	23/04/2019 & 24/04/2019	2 days	35	Rs. 8,000.00 x 2 = Rs. 16,000/- + 18% GST	Rs. 18,880/-
TOTAL							Rs. 18,880/-

Budget Estimation for Conduction of the workshop

Sl. No.	Particulars	Amount in Rs.
1	Boarding Charges for the resource person	4,000/-
2	Guest Hospitality (Memento, tea, Biscuits, lunch)	2,000/-
3	Training Fees	18,880/-
Total		24,880/-


28/3
HOD
Head of the Department
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KRS Road, Mysuru-570 016


Principal 28/3/2019



Internet of Things (IoT)- The Future Using Graphical Programming

Design, Test & Deploy IoT Devices using NI LabVIEW & Hardware Platform
Venue: GSSS Institute of Engineering & Technology for Women-Mysore

Date	9:30 to 11:30	15 min	11:45 to 13:00	45 min	13:45 to 15:15	15 min	15:30 to 17:30
Day-1	Engineering solutions using Graphical System Design WHAT? WHY? HOW?	Tea	Introduction of Internet of Things(IoT)-The future using Graphical programming	Lunch	Understanding IoT through Local Network	Tea	Hands on HTTP and Cloud computing using NI Technology
Day-2	Hands on sensor interface The Internet of Things (IoT) & the RTOS		Hands on Data Upload & Retrieval from Cloud using NI Technology		Hands on Data Upload & Retrieval from Cloud using NI Technology		Project Implementation using NI Technology and Valedictory function

Price: Rs 8000/- + 18 % GST per day per resource.

Note: Max participants 40.

Requirements:

- Good ventilated hall preferably, low SUN light intensity to improve visibility of the PPT slides; White Board with colour marker pens; Collar Mike; LCD projector.
- One System per participant
- LabVIEW should be Installed in all systems along with drivers for hardware interface
- Internet connections to be disabled in all systems during Training

4/4/2019

Geetha Shishu Shikshana Sangha (R), Mysuru Mail - Request to send the quotation for 2 days workshop on "IoT at NI technology"



Pavithra S <pavithras@gsss.edu.in>

Request to send the quotation for 2 days workshop on "IoT at NI technology"

Prashanth Ekambe <prashanth@visolutions.org>

To: Pavithra S <pavithras@gsss.edu.in>

Mon, Mar 18, 2019 at 5:02 PM

Cc: Sunilekambe V <sunil@visolutions.org>, VI Vasanth Kumar V <vasanth@visolutions.org>

Dear Madam,

Please find the attached schedule for 2days IoT on NI Technologies.

Financial Commitments:

Rs 8000/- + 18% GST per day per resource.

Requesting you to take care resource accommodation as usual.

Revert for any clarification.

[Quoted text hidden]

 2days IoT-GSSIT-Mysore.pdf
417K

4/22/2019

Geetha Shishu Shikshana Sangha (R), Mysuru Mail - Request to send the quotation for 2 days workshop on "IoT at NI technology"



Pavithra S <pavithras@gsss.edu.in>

Request to send the quotation for 2 days workshop on "IoT at NI technology"

Prashanth Ekambe <prashanth@visolutions.org>

Mon, Apr 22, 2019 at 10:09 AM

To: Pavithra S <pavithras@gsss.edu.in>

Cc: Sunilekambe V <sunil@visolutions.org>, VI Vasanth Kumar V <vasanth@visolutions.org>

Dear Madam,

PFB, bank account details.

VI Solutions

HDFC Bank

A/C No- 12082560001144

Branch: Millers Road, Bangalore

IFSC Code: HDFC0001208

PAN: AFZPV6042H

[Quoted text hidden]



Geetha Shishu Shikshana Sangha (Regd.)

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Under IQAC



Certificate of Achievement

for successful completion of Two day Workshop on “IoT using NI technologies”
conducted by VI Solutions in association with National Instruments (NI), Bengaluru.

Awarded to

(VIII Semester, Dept. of EIE)

23rd & 24th April 2019

TRAINER

HOD

PRINCIPAL





Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
 (Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
 KRS Road, Metagalli, Mysuru 570 016, Karnataka, India

Department of Electronics and Instrumentation Engineering

Instrumentation Technology
 Accredited by NBA, New Delhi
 (Validity: 01.07.2017 - 30.06.2020)

To,
 The Principal,
 GSSSIETW,
 Mysuru.

Indent No. 145
 Date: 15/07/2019

Through,
 The HOD,
 EIE Department

Respected Sir,

Sub: Details of expenses incurred towards "FDEP on Digital Image Processing" held from 8th to 12th July 2019".

With reference to the above subject, we wish to bring to your kind notice that five days faculty development and enrichment programme held from 8th July to 12th July 2019. The consolidated expenses incurred towards the same is shown below along with bills enclosed herewith, for your kind perusal.

Sl No.	Retailer Name	Particulars	Receipt/ Voucher No.	Date	Quantity	Amount Cash Rs.	Amount NEFT Rs.
1	Digi Express	Memento for Resource Person	19-20 / 89	05.07.2019	08		2000.00
2	Ads India	Brochure printing	19-20/521	15.06.2019	100		2100.00
3	Ads India	Certificate printing	19-20/654	04.07.2019	50		531.00
4	Annapoorna Hotel	Food for Participants (5 days)		15.07.2019	120		9600.00
5	Eswar Handicrafts	Memento for Chief Guest		05.07.2019	01	1000.00	
6	S.N Jasmine flower stall	Stage decoration		07.07.2019		590.00	
7	Shree Mahalakshmi Sweets	Hospitality for Chief Guest (Kaju)	592	07.07.2019		430.00	
8	Voucher 1	Hospitality for Resource person (Biscuit & Juice)		07.07.2019		85.00	
9	S.M.P Caterers	Guest Hospitality (Tea)	453	10.07.2019	4	34.00	

Sl No.	Retailer Name	Particulars	Receipt/ Voucher No.	Date	Quantity	Amount Cash Rs.	Amount NEFT Rs.
10	More Retail Ltd	Water bottle for Guest	1153	07.07.2019	24	240.00	
11	Shree Mahalakshmi Sweets	Hospitality for Resource person (Kaju)	KVN/1/00046413	07.07.2019		118.00	
12	Shree Mahalakshmi Sweets	Hospitality for Chief Guest (Dry Fuits)	38906	12.07.2019		560.00	
13	Rama Trading Company	Stationary items	2418	05.07.2019		1616.00	
14	Voucher 2	Remuneration for Resource persons				2000.00	
15	Voucher 3					3000.00	
16	Voucher 4					3000.00	
17	Voucher 5					5000.00	
18	Voucher 6					5000.00	
Total amount in Rs.						22673.00	14231.00
Grand Total amount in Rs						36,904.00	

By CASH:

Amount collected in cash : Rs. 33,675 ✓
 Total Expenses in Cash : Rs. 22,673 ✓
 Remaining balance amount : Rs. 11,002 ✓
 Remitting

Total Amount to be NEFTed : Rs 14,231 ✓
 Amount collected from Registration : Rs. 1500/ x 25 participants Rs. 37,500 ✓
 Total Expenditure : Rs. 36,904 ✓
 Income generated to forum : Rs. 596 ✓

Sent
15/7/19

M.V. Sreenivaas Rao
 Coordinator
 M.V.Sreenivaas Rao

Dr. Venkatratnam C
 HOB
 Dr. Venkatratnam C
 Head of the Department
 DEPARTMENT OF ELECTRONICS &
 INSTRUMENTATION ENGINEERING
 G S S I E T W
 v R.S. Road, Mysuru-570 016

Dr. M Shivakumar
 Principal 15/7/2019
 Dr. M Shivakumar
 Principal
 G S S I E T W, Mysore-16



Geetha Shishu Shikshana Sangha (R)

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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

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13-7-2019

PRESS NOTE

FDEP on 'DIGITAL IMAGE PROCESSING' at GSSSIETW, Mysore



Sitting from Left: Dr. Venkatratnam Chitturi, Associate Professor & Head, Dept of EIE; Sri. R. K. Bharath, CEO, GSSSIETW; Dr. D. S. Guru, Professor, Dept of Studies in Computer Science, Manasa Gangotri, University of Mysore, Mysuru; Dr. M. Shivakumar, Principal, GSSSIETW; Dr. Shreedhara K S, Professor, Dept. of CS&E, UBDTCE, Davangere and participants of the FDEP.

Department of Electronics and Instrumentation Engineering, GSSSIETW, Mysuru had organized 5 days Faculty Development and Enrichment Program on "DIGITAL IMAGE PROCESSING" from 8th – 12th July 2019 for faculty members of engineering colleges.

The Chief Guest for the event was Dr. D. S. Guru, Professor, Dept of Studies in Computer Science, Manasa Gangotri, University of Mysore, Mysuru. In his keynote speech, Dr. D. S. Guru expressed the importance of Digital Media (text, image, audio and video) Processing for the BIG DATA that is available today for better tomorrow. The FDEP was graced by Dr. M. Shivakumar, Principal, GSSSIETW, Sri. R. K. Bharath, CEO, GSSSIETW and Dr. Venkatratnam Chitturi, Associate Professor & Head, Dept of EIE along with the faculties of GSSSIETW and external participants from various parts of the state.

Experts in the field of Image Processing, delivered on the recent trends and key topics including Fundamentals of Digital Image Processing, Image enhancement in spatial domain (Point processing), Spatial filters, Frequency domain filters, Extension from 2D to 3D for Visual Understanding, Implication of Visual clues in Digital Image Analysis, Efficient Feature Learning for Better Healthcare Design, Representation and Description for Medical Image Analysis, Image compression, Image restoration applications of Fog removal. Each session was followed by hands-on practice sessions on industry standard tools

Dr. Venkatratnam C
HOD, EIE, GSSSIETW.

E/E

Ref: Som 7/7/19 pg 10

UoM to host symposium on FDEP on Digital Image Processing from July 8 to 12

Mysuru, July 7- The Department of Electronics and Instrumentation Engineering, GSSS Institute of Engineering & Technology for Women (GSSSIETW), Mysuru, is organising a five-day **Faculty Development and Enrichment Programme (FDEP)** on 'Digital Image Processing' from July 8 to 12 for faculty members of various Engineering Colleges.

Dr. D.S. Guru, Professor, Department of Studies in Computer Science, Manasagangothri, will be the keynote speaker.

Vanaja B. Pandit, Hon. Secretary, GSSS, will preside. Anupama B. Pandit, AO, GSSSIETW,

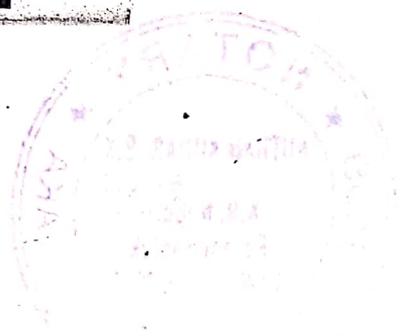
Dr. M. Shivakumar, Principal, GSSSIETW, R.K. Bharath, CEO, GSSSIETW and Dr. Venkatratnam Chitturi, Associate Professor and Head, Department of EIE, will be present.

Experts in the field of Image Processing such as Dr. K.S. Shreedhar, Professor, UBDTCE Davanagere, Manishankar, Application Engineer, Mathworks, Dr. T. Kasar, KaayaTech, Mysuru, Dr. U. Raghavendra and Dr. Anjan Gudiya from MIT, Manipal, Dr. Narasimha Kaulgud, Professor, NIE, will be delivering talks on the recent trends and key topics in the field of Image Processing.

UoM to host symposium

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Geetha Shishu Shikshana Sangha (R)

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Invitation

*It is our pleasure to invite you for the Inauguration of
Faculty Development and Enrichment Programme on*

“Digital Image Processing”

on

8th July 2019

Chief Guest

Dr. D S Guru

Professor, Dept. of Studies in Computer Science,
University of Mysore, Manasagangotri, Mysuru

Presided by

Smt. Vanaja B Pandit

Hon. Secretary, GSSS(R), Mysuru

In the presence of

Smt. Anupama B Pandit
AO, GSSSIETW, Mysuru

Dr. Shivakumar M
Principal, GSSSIETW, Mysuru

Sri. Bharath R K
CEO & MCM, GSSS(R)

Kindly do attend and grace the occasion

Venue: Seminar Hall, GSSSIETW, Mysuru

Time: 10.00 A.M

**GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN,
MYSURU – 570016**



Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka
Department of Electronics and Instrumentation Engineering
(Accredited by NBA, New Delhi, Validity: 01-07-2017 to 30-06-2020)

INAUGURATION OF 5 DAYS FDEP ON "DIGITAL IMAGE PROCESSING"

AGENDA

Date: 08.07.2019

Time: 10:00 AM

Venue: Seminar Hall

Master of Ceremony	:	Sowjanya M N	
Invocation	:	Nagalakshmi T S	2 Min
Welcome Speech	:	Lalitha K	2 Min
Offering of Flowers	:	By Dignitaries	5 Min
About "FDEP"	:	Dr. Venkatratnam Chitturi	3 Min
Introduction of Chief Guest	:	Deepika T V	2 Min
Address by Chief Guest	:	Dr. D S Guru	5 Min
Address by Principal	:	Dr M Shivakumar	5 Min
Address by CEO	:	Sri. R K Bharath	2 Min
Presidential Address	:	Smt. Vanaja B Pandit	2 Min
Vote of Thanks	:	M V Sreenivas Rao	2 Min
Group Photo	:	Dignitaries and Participants	5 Min



Geetha Shiksha Sangha (R)

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Faculty Development and Enrichment Program on “Digital Image Processing” 8th – 12th July 2019

SESSION PLAN

DATE / DAY	SESSION 1 9.30 am - 11.15 am	SESSION 2 11.30 am - 1.15pm	SESSION 3 2.00 pm - 3.00 pm	SESSION 4 3.15 pm - 4.30 pm	
08/07/2019 Monday	Inauguration Function Chief Guest – Dr.D.S.Guru Professor, DOS in Computer science, University of Mysore, Musuru	Fundamentals of Digital Image Processing By Dr.Shreedhar.K.S Professor, Dept of Computer Science Engineering, UBDTCE,Davanagere	Image Enhancement in Spatial Domain (point Processing) By Mr.Manisankar Application Engineer, CoreEI Technologies, Mathworks	Hands-on session By Mr.Manisankar Application Engineer, CoreEI Technologies, Mathworks	
	Key Note Address By Dr.D.S.Guru Professor, DOS in Computer science, University of Mysore, Musuru	Frequency Domain Filters by Dr.T.Kasar, Vice president of Research, KaayaTech ,Mysuru	Hands-on Session by Dr.T.Kasar, Vice president of Research, KaayaTech ,Mysuru	Hands-on Session by Dr.T.Kasar, Vice president of Research, KaayaTech Mysuru	
09/07/2019 Tuesday	Spatial Filters by Dr.T.Kasar, Vice president of Research, KaayaTech ,Mysuru	L U N C H B R E A K		T E A B R E A K	



Geetha Shishu Shikshana Sangha (R)

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DATE / DAY	SESSION 1 9.30 am - 11.15 am	T E A C H E R S	SESSION 2 11.30 am - 1.15pm	L U N C H B R E A K	SESSION 3 2.00 pm - 3.00 pm	T E A C H E R S	SESSION 4 3.15 pm - 4.30 pm
10/07/2019 Wednesday	Extension from 2D to 3D for visual understanding By Dr.Raghavendra.U, Associate Prof Dept of I&C, MIT Manipal		Implication of Visual Clues in Digital Image Analysis By Dr.Raghavendra.U, Associate Prof Dept of I&C, MIT Manipal		Hands-on Session By Dr.Raghavendra.U, Associate Prof Dept of I&C, MIT, Manipal		Hands-on session by Dr.Raghavendra.U, Associate Prof Dept of I&C, MIT, Manipal
11/07/2019 Thursday	Efficient Feature learning for better Health care Design by Dr.Anjan Gudigar, Assistant Prof Dept of I&C, MIT Manipal		Representation and Description for Medical Image Analysis By Dr.Anjan Gudigar, Assistant Prof Dept of I&C, MIT Manipal		Hands-on Session by Dr.Anjan Gudigar, Assistant Prof Dept of I&C, MIT, Manipal		Hands-on session by Dr.Anjan Gudigar, Assistant Prof Dept of I&C, MIT Manipal
12/07/2019 Friday	Image Compression by Mrs.Nanda, Assistant Professor, Dept of E&IE, SJCE,Mysuru	Hands-on Session By Mrs.Nanda, Assistant Professor, Dept of E&IE, SJCE,Mysuru	Image Restoration by Dr.Narasimha Kaulgud, Professor,Dept of ECE, NIE Mysuru	Image Restoration application: Fog Removal By Smt.B.M.Nandini, Assistant Professor, Department of ISE, NIE, Mysuru			

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Geetha Shishu Shikshana Sangha (R)
GSSS Institute of Engineering & Technology for Women
KRS Road, Metagalli, Mysore – 570 016

(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi & Government of Karnataka)

GSSSIETW/Approval/2019-20/027

Date: 07/06/2019

Proposal to the Management

Subject	Approval to organize 5 days faculty development and enrichment programme on "Digital Image Processing" <u>from 8th to 12th July 2019.</u>
Proposed by	HOD-EIE
Matter	Received letter to organize 5 days faculty development and enrichment programme on "Digital Image Processing" <u>from 8th to 12th July 2019.</u> This FDEP is useful to faculty to enrich their knowledge and for research work in the field of Image processing. Financial implication for the programme is as follows. Expected expenditure: Rs. 52,500/- Expected income: Rs. 52,500/- (through registration) Request letter and budget proposal is enclosed for kind reference and for kind approval.
Recommendation of Principal	I recommend the proposal submitted by EIE HOD to organize 5 days faculty development & enrichment programme on "Digital Image processing" from 8 th to 12 th July 2019.

[Signature]
7/6/19
Registrar

[Signature]
Principal 7/6/2019

Decision of the Management

Date: 10/6/19

Decision	ok Approved
----------	-------------

[Signature]
10/6/19
Chief Executive Officer
GSSS (R), Mysore

[Signature]
14.6.19
Hon. Secretary
HON. SECRETARY
Geetha Shishu Shikshana Sangha (R)

Geetha Shishu Shikshana Sangha (R)

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(Validity: 01.07.2017 - 30.06.2020)

Date: 06-06-2019

To,

The Principal.

GSSSIETW.

Mysuru.

Respected Sir.

Sub: Permission to organize Five days Faculty Development and Enrichment Program on "Digital Image Processing"- reg..

Department of Electronics and Instrumentation Engineering would like to organize 5 days Faculty Development and Enrichment Program on "Digital Image Processing" from 08th to 12th July 2019.

Digital image processing is the subject studied by UG/PG students of Electronics & Communication Engineering, Electronics & Instrumentation Engineering, Telecommunication Engineering, Computer Science Engineering, Medical Electronics and Biomedical Instrumentation branches of Engineering. This FDEP is useful to the faculties who shall handle this subject in the upcoming semester. It would be also useful for researchers in the field of Image Processing.

The Registration amount for this FDEP will be Rs.1500/- per participant. The approximate Cost for the conduction of this event will be Rs.52,500/- for 35 participants. Hence we request you to grant permission to organize this event.

Thanking You.

Yours Sincerely



(Dr. Venkatratnam C)

Head of the Department
DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING
GSSSIETW
K.R.S. Road, Mysuru-570 016

TO
Registrar

Dr. Srinivas Kumar
Principal

6/6/2019

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Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
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 KRS Road, Metagalli, Mysuru 570 016, Karnataka, India

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 (Validity: 01.07.2017 - 30.06.202

Date: 06-06-2019

Details of the number of participants and the approximate amount for program:

The registration amount for the FDEP event per participant is Rs. 1500/-. About 35 participants are expected and the total amount for registration will be Rs. 52,500/-.

Expenditure for the conduction of the event is as follows.

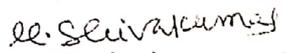
Sl. No	Particulars	Quantity	Amount in Rs.
1	Inauguration (Garland. Bouquets. Rose cones.flower.Dry fruits. water bottle)		1500/-
2	Certificates	35x Rs.15Rs.	525/- NEFT
3	Stationary (Folder, Notepad, Pen. ID Card)	35 x Rs. 50	1875/-
4	Guest Hospitality(Juice. Tea. Biscuits)	For 5 days	500/-
5	Resource Person remuneration	2 Persons x Rs. 7000 ✓ 1 Person x Rs.5000 .. 2 Persons xRs.2000 1 Person xRs.3000 ✓	26.000/-
6	Mementos for guest & Resource person	8 x Rs.250. → NEFT 1x Rs.1200	3200/-
7	Food and Tea for Participants(5 days Lunch .2 time tea and biscuits)	40 x Rs. 80 +5% GST	16.800/- NEFT
8	Brochure Printing	100 x Rs.15.	1500/- NEFT
9	Publicity and Postal Charges		600/-
Total			52,500/-

Total amount in words: Fifty Two Thousand Five hundred Rupees Only

Total Amount from Registration (Rs. 1500 per head)	: Rs 52,500/-
Approximate expenditure for the conduction of the event	: Rs 52,500 /-
Balance amount Remaining	: Nil


HOD

Head of the Department
 DEPARTMENT OF ELECTRONICS &
 INSTRUMENTATION ENGINEERING
GSSSIETW
 K.R.S. Road, Mysuru-570 016


Principal
Principal
GSSSIETW Mysore-16



GSSS Institute of Engineering and Technology for Women
(Affiliated to VTU and approved by AICTE, New Delhi & Govt. Of Karnataka)

K.R.S. Road, Metagalli, Mysore -570 016
Tel: 0821-2581304, 4257304/5/6, Fax: 0821-2581305

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Five Days Faculty Development and Enrichment Program on "Digital Image Processing" from 08-07-2019 to 12-07-2019

SI.NO.	NAME	MOBILE NUMBER	MAIL ID	DEPT	COLLEGE	CASH/DD with number	STATIONARY MATERIALS ISSUED	SIGNATURE
1	Divya YA	9945459764	divyaya@gsss.edu.in	ISE	GSSSIETW	Cash	Yes	
2	Vijayalakshmi M.M	9164588468	Vijayalakshmi mm@gsss.edu.in	ISE	GSSSIETW	Cash	Yes	
3	Shilpa Shri. V.N	8722031159	shilpa shri@gsss.edu.in	EEE	GSSSIETW	Cash	Yes	
4	Sowjanya M.N	9886703336	Sowjanya m@gsss.edu.in	EIE	GSSSIETW	Cash	'	
5	Nayana C.G	8861174670	nayanac@gsss.edu.in	TCE	GSSSIETW	Cash	Yes	
6	M.B. Rajashelkar	9620268281	mrajashelkar@gsss.edu.in	CSE	GSSSIETW	Cash	Yes	
7	Shreelakshmi C.M.	9880719896	shreelakshmi cm@gsss.edu.in	CSE	GSSSIETW	Cash	Yes	
8	Spoorthi Y	9620271377	Spoorthi@gsss.edu.in	ECE	GSSSIETW	Cash (1000/-)	Yes	
9	Smitla L.	7760432635	smitla l@gsss.edu.in	ECE	" "	Cash (1000/-)	Yes	
10	Sushma SJ	9886706288	sushmasj@gsss.edu.in	ECE	" "	Cash	Yes	
11	FARIDA H-T	9844365422	faridah@tolo@gmail.com	EIE	UBDT College of Engg	Cash	Yes	
12	MANJU J R	9448642127	manjuraghuji@gmail.com	ECE	JSSATE Noida	CASH	Yes	
13	Dr. Kishore.M	9901166697	kishore.energy@gmail.com	ECE	KSSEM Bangalore	Cash	Yes	
14	Basavanna.M	9620136454	basavannam@gsss.edu.in	EIE	BSSSIETW	Cash	Yes	
15	Arpitha Shankar S-Z	9743660263	arpithast@gsss.edu.in	TCE	GSSSIETW			

SI.NO.	NAME	MOBILE NUMBER	MAIL ID	DEPT	COLLEGE	CASH/DD	STATIONARY MATERIALS ISSUED	SIGNATURE
X ¹⁶	Sowmya M	8971892266	Sowmyam@gss.edu	CSE	GSSSIETW	Cash	Yes	
X ¹⁷	Gi. Anandhi	7502290510	anandhi.g@gss.edu	CSE	GSSSIETW	Cash	Yes	
18	P. RAJEEVA	9916091120	rajeeva.p@gss.edu	ECE	GJEE KRPE	Cash	Yes	
19	Mahantesh. u	7411658466	mahantesh.u@gss.edu	ECE	GSSSIETW	Cash	Yes	
20	Jyothi. M. P	9916927391	Jyothi.m.p.2007@gmail.com	ECE	MRIT, Mysuru	Cash	Yes	
21	pratibha. M. K			ECE	ATME, Mysuru	Cash	Yes	
22	prajnalasimha. cn			ECE	ATME, Mysuru	Cash	Yes	
23	Andrea Arlene. A			ECE	WCE, Mysuru	Cash	Yes.	
24	Chiranth. L. N.			EEE	SJBIT, Bbre	Cash	Yes.	
25	Jagadisha. N.		jagadisha@gss.edu.in	EEE	GSSSIETW	Cash	Yes.	
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Geetha Shishu Shikshana Sangha (R)

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Attendance Sheet Five Day FDEP on "Digital Image Processing" 8th to 12th July 2019

	Names	Day 1		Day 2		Day 3		Day 4		Day 5	
		Morning	Afternoon								
1	ARPITHA SHANKAR S.I	<i>[Signature]</i>									
2	FARIDA H-T	<i>[Signature]</i>									
3	Nayana C.G	<i>[Signature]</i>									
4	Spoorthi Y	<i>[Signature]</i>									
5	Santhia L	<i>[Signature]</i>									

Names	Day 1		Day 2		Day 3		Day 4		Day 5	
	Morning	Afternoon								
6 Skilpashoi. v. N	skilps	skilps	skilps	skilps					skilps	skilps
7 SOWJANYA	S	S	S	S	AB	AB	S	S	S	S
8 Shreelalshmi C.M.	SL	SL								
9 Vijayalakshmi M.M	V	V	V	V	V	V	V	V	V	V
10 Divya Y.A.	D	D	D	D	D	D	D	D	D	D
11 G. Anandhi	A	A	A	A	A	A	A	A	A	A
12 Sonenya. M	B	B	B	B	B	B	B	B	B	B
13 M. B Rajashelkar	M	M	M	M	M	M	M	M	M	M
14 Dr. Kishore. M.	K	K	K	K	K	K	K	K	K	K

Names	Day 1		Day 2		Day 3		Day 4		Day 5	
	Morning	Afternoon								
15 BasavannaM	R	E	E	E	E					
16 Vijayalakshmi M.M.	S									
17. Sushma.S.J	S	S	S		S					
18. Manju. I.R										
19 Arjwalasimla SN					S					
20 PRATHIBA.MK.										
21 MahanthesheW	S		S	S	S	S	S	S		
22 Jagadishan	S	S							S	S
23 P. RAJEEVA	S	S	AB	S	S	S	S	S	S	S

Names	Day 1		Day 2		Day 3		Day 4		Day 5	
	Morning	Afternoon								
24. Jyothi-M.P. MRIT	Jyothi	Jyothi								
25. Andrea Arlene VVCE, Mysuru.										



Geetha Shishu Shikshana Sangha (R)

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To,
The Principal,
GSSSIETW,
Mysuru.

Date: 08/06/2019

Respected Sir,

Sub: Permission to utilize CAED Lab (A-108) for the conduction of 5 days FDEP on Digital Image processing from 8th to 12th July 2019.

With reference to the above subject, we are conducting Faculty Development & Enrichment Program (FDEP) on "**Digital Image Processing**" from 8th to 12th July 2019 from 9:00 AM to 4:30 PM for the faculties. Requirement for the same is 35 computers (with Matlab Installation) and Presentation Projector. In this regard, we request you to permit for utilizing the Mechanical department CAED Lab (A-108) on these five days for the conduction of event. Kindly consider and do the needful.

Thanking You.

Basanna
Prepared By

Mr. Basavanna M

Dr. Venkatratnam
HOD

(Dr. Venkatratnam)

TO
neer HOD for needful

Dr. Seivakumar
Principal 8/6/2019



Geetha Shishu Shikshana Sangha (R)
GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

KRS Road, Metagalli, Mysuru 570 016, Karnataka, India

Department of Electronics and Instrumentation Engineering

Instrumentation Technology
Accredited by NBA, New Delhi
(Validity: 01.07.2017 - 30.06.2020)

To,
The Principal,
GSSSIETW,
Mysuru.

Date: 07/06/2019

Respected Sir,

Sub: Permission to utilize CSE Computer lab (A-318C) for the conduction of 5 days FDEP on Digital Image processing from 8th to 12th July 2019.

With reference to the above subject, we are conducting Faculty Development & Enrichment Program (FDEP) on "*Digital Image Processing*" from 8th to 12th July 2019 from 9:00 AM to 4:30 PM for the faculties. Requirement for the same is 35 computers (with Matlab Installation) and Presentation Projector. In this regard, we request you to permit for utilizing the CSE department Computer Lab (A-318C) on these five days for the conduction of event. Kindly consider and do the needful.

Thanking You,

Basavanna M
Prepared By

Mr. Basavanna M

Dr. Venkatratnam
7/6
HOD

(Dr. Venkatratnam)

Head of the Department
DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING
GSSSIETW
KRS Road, Mysuru-570 016

TO
CSE HOD for needful

Dr. Srivacumar
Principal 7/6/2019



Department of Electronics & Instrumentation Engineering

Instrumentation Technology
 Accredited by NBA, New Delhi
 (Validity: 01.07.2017 - 30.06.2020)

Faculty Development and Enrichment Programme on “Digital Image Processing”
 08th – 12th July, 2019

FEEDBACK FORM

We would like to thank you for your participation in this FDEP. The organizing committee would like to invite you to take a moment to complete our FDEP evaluation feedback form. Your feedback enables us to improve our FDEP and better meet your needs. If you could take a few minutes to complete the following questions, we would be very thankful. Please note “your feedback and suggestions are valuable to us”.

Please indicate your overall satisfaction with this FDEP	Excellent			
What was MOST VALUABLE about the FDEP?	Information regarding DIP			
What was LEAST VALUABLE about the FDEP?	—			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents	✓			
2. Providing a forum for exchange of information		✓		
3. Quality of Information	✓			
4. Information available online		✓		
5. Registration	✓			
6. FDEP Venue/Facilities	✓			
7. Organizational arrangements for and during the FDEP	✓			
8. Catering	✓			
What topic(s) or theme(s) you would like to be addressed at next FDEP	“Sparse Signal processing”			

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/2019


 Signature
 12/7/2019



Department of Electronics & Instrumentation Engineering

Instrumentation Technology
Accredited by NBA, New Delhi
(Validity: 01.07.2017 - 30.06.2020)

Faculty Development and Enrichment Programme on "Digital Image Processing"
08th – 12th July, 2019

FEEDBACK FORM

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Please indicate your overall satisfaction with this FDEP	Good			
What was MOST VALUABLE about the FDEP?	Resource persons & information delivery			
What was LEAST VALUABLE about the FDEP?	—			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents	✓			
2. Providing a forum for exchange of information		✓		
3. Quality of Information		✓		
4. Information available online			✓	
5. Registration	✓			
6. FDEP Venue/Facilities	✓			
7. Organizational arrangements for and during the FDEP	✓			
8. Catering			✓	
What topic(s) or theme(s) you would like to be addressed at next FDEP				

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/19


12/7/19
Signature



Faculty Development and Enrichment Programme on "Digital Image Processing"
08th – 12th July, 2019

FEEDBACK FORM

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Please indicate your overall satisfaction with this FDEP	Good			
What was MOST VALUABLE about the FDEP?	Resource Persons and Information Delivery			
What was LEAST VALUABLE about the FDEP?	-			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents	✓			
2. Providing a forum for exchange of information		✓		
3. Quality of Information		✓		
4. Information available online			✓	
5. Registration	✓			
6. FDEP Venue/Facilities	✓			
7. Organizational arrangements for and during the FDEP	✓			
8. Catering			✓	
What topic(s) or theme(s) you would like to be addressed at next FDEP				

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/19

C. A. ...
Signature 12/7/19



Faculty Development and Enrichment Programme on "Digital Image Processing"
08th – 12th July, 2019

FEEDBACK FORM

We would like to thank you for your participation in this FDEP. The organizing committee would like to invite you to take a moment to complete our FDEP evaluation feedback form. Your feedback enables us to improve our FDEP and better meet your needs. If you could take a few minutes to complete the following questions, we would be very thankful. Please note "your feedback and suggestions are valuable to us".

Please indicate your overall satisfaction with this FDEP	informative and useful			
What was MOST VALUABLE about the FDEP?	Image processing hands on session			
What was LEAST VALUABLE about the FDEP?	—			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents		✓		
2. Providing a forum for exchange of information	✓			
3. Quality of Information		✓		
4. Information available online			✓	
5. Registration	✓			
6. FDEP Venue/Facilities	✓			
7. Organizational arrangements for and during the FDEP	✓			
8. Catering	✓			
What topic(s) or theme(s) you would like to be addressed at next FDEP	Advanced image processing concepts			

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/19


Signature



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Faculty Development and Enrichment Programme on “Digital Image Processing”
 08th – 12th July, 2019

FEEDBACK FORM

We would like to thank you for your participation in this FDEP. The organizing committee would like to invite you to take a moment to complete our FDEP evaluation feedback form. Your feedback enables us to improve our FDEP and better meet your needs. If you could take a few minutes to complete the following questions, we would be very thankful. Please note “your feedback and suggestions are valuable to us”.

Please indicate your overall satisfaction with this FDEP	Excellent			
What was MOST VALUABLE about the FDEP?	Resource Person & delivered topics very well.			
What was LEAST VALUABLE about the FDEP?	-			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents	✓			
2. Providing a forum for exchange of information	✓			
3. Quality of Information	✓			
4. Information available online	✓			
5. Registration	✓			
6. FDEP Venue/Facilities	✓			
7. Organizational arrangements for and during the FDEP	✓			
8. Catering	✓			
What topic(s) or theme(s) you would like to be addressed at next FDEP	Practical Sessions on Image Processing.			

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/19


Signature



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Faculty Development and Enrichment Programme on "Digital Image Processing"
08th – 12th July, 2019

FEEDBACK FORM

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Please indicate your overall satisfaction with this FDEP	It was good			
What was MOST VALUABLE about the FDEP?	Resource persons was very knowledgeable			
What was LEAST VALUABLE about the FDEP?				
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents		✓		
2. Providing a forum for exchange of information		✓		
3. Quality of Information		✓		
4. Information available online		✓		
5. Registration		✓		
6. FDEP Venue/Facilities		✓		
7. Organizational arrangements for and during the FDEP		✓		
8. Catering		✓		
What topic(s) or theme(s) you would like to be addressed at next FDEP				

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/7/19


Signature



Faculty Development and Enrichment Programme on “Digital Image Processing”
 08th – 12th July, 2019

FEEDBACK FORM

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Please indicate your overall satisfaction with this FDEP	Good.			
What was MOST VALUABLE about the FDEP?	Handson session was very good.			
What was LEAST VALUABLE about the FDEP?	-			
How would you rate the following items	Excellent	Very Good	Good	Acceptable
1. Relevance of FDEP Contents		✓		
2. Providing a forum for exchange of information		✓		
3. Quality of Information		✓		
4. Information available online			✓	
5. Registration			✓	
6. FDEP Venue/Facilities				✓
7. Organizational arrangements for and during the FDEP			✓	
8. Catering			✓	
What topic(s) or theme(s) you would like to be addressed at next FDEP	image processing including military applications.			

If you have any other suggestions please indicate the same overleaf. Kindly fill this form and handover to the coordinators.

Thank You

Date: 12/07/2019.

manoj
Signature