Department of Mechatronics Engineering

(Accredited by NBA, New Delhi)

Value Added Course

on

Internet of Things

12.02.2024 to 16.02.2024 (5 days)

VAC Coordinator

HoD/MTRE

Department of Mechatronics Engineering

S.No.	Content checklist	Document
1	Academic Year	2023-24 Even
2	Regulation	KCET R2021
3	Department Name	Mechatronics Engineering
4	Name of the Value-added course	Internet of Things
5	No. of Credits	2
6	Category: Theory/Lab/Hands-on/Skill based etc	Hands-on &Skill based
7	Name and Details of the Joint-organization (industry/NGO etc) if any	Quantanics Techserve Pvt Ltd, Madurai.
8	Resource person details	A.Kesavan, Direstor , Quantanics Techserve Pvt Ltd, Madurai.
9	Three Member Committee details	Dr.K.Kannan HoD/MTRE, A.Arulkumar & S.Wesley Moses Samdoss AP/MTRE
10	VAC Coordinator Details	A.Arulkumar, AP/MTRE
11	Duration (30 h mandatory)	35 hours
12	Period (From-To)	12.02.2024 to 16.02.2024
13	Venue	CAD Lab/Mechatronics

VAC Coordinator

HoD/MTRE

Dean (Academic Courses)

KAMARAJ ®

COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)
S.P.G. Chidambara Nadar - C. Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)

APPROVAL BOOK

Book No. | MTR3 | Date 23/01/2024.

SL.No. 12

Requesting Permission and approval to conduct value Added Course on " Internet of Things." for our II year Mechatronics Engineering Students. from (12-02-2024) to 16-02-2024.
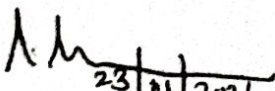
Rupees 1000 Per Participant + GST 18%.

29 Participant X 1000 Per head = Rs. 29,000/-.
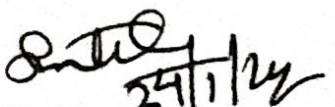
GST 18% = 5,220

Total = Rs. 34,220/-.

Refreshment, Lunch & College bus facility for one trainer from Quantariy Techserv Pvt.Ltd. Madurai.

Signature of Staff 23/01/2024.

HoD 23/01/24

PRINCIPAL 24/1/24

OFFICE USE

1) Account Head :
2) Budget allotted :
3) Amount committed / Spent sofar :
4) Balance available :

Value added Course
Quotation to be
Collected.
Last Year Rate Rs. 1,967/-
per them

Administrative Officer

Secretary

KAMARAJ
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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near **VIRUDHUNAGAR**).

Value Added Course on "Internet of Things" Mark Statement

Department : Mechatronics Engineering   Regulation : KCET R2021

Year   : II   Semester : IV

S.No.	Roll No.	Reg. No.	Student Name	Internal Marks (40)	External Marks (60)	Total (100)
1	22UMT001	920422115019	SASHWANTH.S	35	50	85
2	22UMT002	920422115004	BIBAKS NOBAL.A.P	33	46	79
3	22UMT003	920422115008	ISAC STEPHEN.V	34	48	82
4	22UMT004	920422115023	TRISHNA.K	35	50	85
5	22UMT005	920422115009	JOTHEESWARAN.A	32	42	74
6	22UMT006	920422115012	MATHIYA VEDHA NIRANJAN.R	34	48	82
7	22UMT007	920422115021	SRIRAM.A	30	28	58
8	22UMT008	920422115007	HARIRAJAN.K	35	50	85
9	22UMT009	920422115005	GUHANESHVAR.S	35	50	85
10	22UMT010	920422115013	MUTHU JEYA SUNDAR.S	35	50	85
11	22UMT011	920422115018	SAHAYA SANTHOSH RAJ.S	34	48	82
12	22UMT012	920422115016	RAGAVARSHINI.S	36	50	86
13	22UMT013	920422115010	LOGA ANJANA.P	36	48	84
14	22UMT014	920422115015	PRIYADHARSHAN.S	36	48	84
15	22UMT015	920422115011	MADHAN KUMAR.R	35	46	81
16	22UMT016	920422115020	SHIVA.R	34	44	78
17	22UMT017	920422115024	VIJAI.R	35	46	81
18	22UMT018	920422115002	ARUNATH.A	35	48	83
19	22UMT019	920422115006	HARI KRISHNAN.B	36	50	86
20	22UMT020	920422115022	SRIRAM NARAYANAN.K	33	48	81
21	22UMT021	920422115001	ABINESH.S	32	48	80
22	22UMT022	920422115017	RATHIKASHREE.B	37	50	87
23	22UMT023	920422115003	BALAJI.C	36	48	84
24	22UMT024	920422115014	PARTHIBAN.M	35	48	83
25	22UMT025	920422115304	SANJAY KUMAR.M	35	48	83
26	22UMT026	920422115305	YOGACHARAN.B	32	36	68
27	22UMT027	920422115302	MUTHUMANICKAM.K	32	30	62
28	22UMT028	920422115301	GOKUL.S	35	50	85
29	22UMT029	920422115303	SANGARESHWARAN.B	34	46	80

VAC Coordinator

HoD/MTRE

Dean (Academic Courses)

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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near **VIRUDHUNAGAR).**

DEPARTMENT OF MECHATRONICS ENGINEERING

16.02.2024

Value Added Course on "Internet of Things"

Project Demonstration marks

S. No.	Roll Number	Name	Project Demonstration				Total (40)
			Presentation (10)	Knowledge Acquired (10)	Creativity (10)	Viva & Result (10)	
1	22UMT001	SASHWANTH.S	8	9	9	9	35
2	22UMT002	BIBAKS NOBAL.A.P	9	9	8	7	33
3	22UMT003	ISAC STEPHEN.V	9	9	8	8	34
4	22UMT004	TRISHNA.K	9	9	8	9	35
5	22UMT005	JOTHEESWARAN.A	8	8	8	8	32
6	22UMT006	MATHIYA VEDHA NIRANJAN.R	8	9	8	9	34
7	22UMT007	SRIRAM.A	8	7	8	7	30
8	22UMT008	HARIRAJAN.K	9	9	9	8	35
9	22UMT009	GUHANESHVAR.S	9	9	8	9	35
10	22UMT010	MUTHU JEYA SUNDAR.S	9	9	8	9	35
11	22UMT011	SAHAYA SANTHOSH RAJ.S	8	9	8	9	34
12	22UMT012	RAGAVARSHINI.S	9	9	9	9	36
13	22UMT013	LOGA ANJANA.P	9	9	9	9	36
14	22UMT014	PRIYADHARSHAN.S	8	9	9	10	36
15	22UMT015	MADHAN KUMAR.R	9	9	9	8	35

16	22UMT016	SHIVA.R	8	9	8	9	34
17	22UMT017	VIJAI.R	9	9	9	8	35
18	22UMT018	ARUNATH.A	9	8	9	9	35
19	22UMT019	HARI KRISHNAN.B	9	9	9	9	36
20	22UMT020	SRIRAM NARAYANAN.K	9	8	8	8	33
21	22UMT021	ABINESH.S	8	8	8	8	32
22	22UMT022	RATHIKASHREE.B	9	10	9	9	37
23	22UMT023	BALAJI.C	9	9	9	9	36
24	22UMT024	PARTHIBAN.M	9	8	9	9	35
25	22UMT025	SANJAY KUMAR.M	9	8	9	9	35
26	22UMT026	YOGACHARAN.B	8	8	8	8	32
27	22UMT027	MUTHUMANICKAM.K	8	8	8	8	32
28	22UMT028	GOKUL.S	8	9	9	9	35
29	22UMT029	SANGARESHWARAN.B	8	9	8	9	34

A.Sreevasan
Trainer

16/02/2024
VAC Coordinator

HoD/MTRE

DEPARTMENT OF MECHATRONICS ENGINEERING

16.02.2024

Value Added Course on "Internet of Things"

Project Demonstration marks

S. No.	Roll Number	Name	Project Demonstration				Total (40)
			Presentation (10)	Knowledge Acquired (10)	Creativity (10)	Viva & Result (10)	
1	22UMT001	SASHWANTH.S	8	9	9	9	35
2	22UMT002	BIBAKS NOBAL.A.P	9	9	8	7	33
3	22UMT003	ISAC STEPHEN.V	9	9	8	8	34
4	22UMT004	TRISHNA.K	9	9	8	9	35
5	22UMT005	JOTHEESWARAN.A	8	8	8	8	32
6	22UMT006	MATHIYA VEDHA NIRANJAN.R	8	9	8	9	34
7	22UMT007	SRIRAM.A	8	7	8	7	30
8	22UMT008	HARIRAJAN.K	9	9	9	8	35
9	22UMT009	GUHANESHVAR.S	9	9	8	9	35
10	22UMT010	MUTHU JEYA SUNDAR.S	9	9	8	9	35
11	22UMT011	SAHAYA SANTHOSH RAJ.S	8	9	8	9	34
12	22UMT012	RAGAVARSHINI.S	9	9	9	9	36
13	22UMT013	LOGA ANJANA.P	9	9	9	9	36
14	22UMT014	PRIYADHARSHAN.S	8	9	9	10	36
15	22UMT015	MADHAN KUMAR.R	9	9	9	8	35
16	22UMT016	SHIVA.R	8	9	8	9	34
17	22UMT017	VIJAI.R	9	9	9	8	35

18	22UMT018	ARUNATH.A	9	8	9	9	35
19	22UMT019	HARI KRISHNAN.B	9	9	9	9	36
20	22UMT020	SRIRAM NARAYANAN.K	9	8	8	8	33
21	22UMT021	ABINESH.S	8	8	8	8	32
22	22UMT022	RATHIKASHREE.B	9	10	9	9	37
23	22UMT023	BALAJI.C	9	9	9	9	36
24	22UMT024	PARTHIBAN.M	9	8	9	9	35
25	22UMT025	SANJAY KUMAR.M	9	8	9	9	35
26	22UMT026	YOGACHARAN.B	8	8	8	8	32
27	22UMT027	MUTHUMANICKAM.K	8	8	8	8	32
28	22UMT028	GOKUL.S	8	9	9	9	35
29	22UMT029	SANGARESHWARAN.B	8	9	8	9	34

A. Sreravan

Trainer.
A. Kesavan,
Quantanics Techserve
Pvt. Ltd.
Madurai.

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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near **VIRUDHUNAGAR).**

Value Added Course on "Internet of Things" External Assesment

Timestamp	Email Address	Score Out of 30	Roll No	Register Number	Name	Score Out of 60
2-16-2024 14:38:28	22umt001@kamarajengg.edu.in	25 / 30	22umt001	920422115019	Sashwanth S	50
2-16-2024 14:51:10	22umt002@kamarajengg.edu.in	23 / 30	22umt002	920422115004	A.P. Bibaks Nobal	46
2-16-2024 14:37:41	22umt003@kamarajengg.edu.in	24 / 30	22umt003	920422115008	V. ISACSTEPHEN	48
2-16-2024 14:29:52	22umt004@kamarajengg.edu.in	25 / 30	22UMT004	920422115023	TRISHNA K	50
2-16-2024 14:43:42	22umt005@kamarajengg.edu.in	21 / 30	22umt005	920422115009	A.Jotheeswaran	42
2-16-2024 14:51:39	22umt006@kamarajengg.edu.in	24 / 30	22umt006	920422115012	mathiya vedha niranjan R	48
2-16-2024 14:49:59	22umt007@kamaraj.cngg.edu.in	14 / 30	22umt007	920422115021	sri ram a	28
2-16-2024 14:26:27	22umt008@kamarajengg.edu.in	25 / 30	22umt008	920422115007	Harirajan.K	50
2-16-2024 14:30:50	22umt009@kamarajengg.edu.in	25 / 30	22UMT009	920422115005	S GUHANESHVAR	50
2-16-2024 14:28:49	22umt010@kamarajengg.edu.in	25 / 30	22umt010	920422115013	S.Muthu Jeya Sundar	50
2-16-2024 14:35:54	22umt011@kamarajengg.edu.iin	24 / 30	22umt011	920422115018	Sahaya Santhosh Raj.S	48
2-16-2024 14:51:25	22umt012@kamarajengg.edu.in	25 / 30	22UMT012	920422115016	S. RAGA VARSHINI	50
2-16-2024 14:51:35	22umt013@kamarajengg.edu.in	24 / 30	22UMT013	920422115010	Loga Anjana.P	48
2-16-2024 14:38:13	22umt014@kamarajengg.edu.in	24 / 30	22umt014	920422115015	Priyadharshan.s	48
2-16-2024 14:38:01	22umt015@kamarajengg.edu.in	23 / 30	22umt015	920422115011	R.MADHAN KUMAR	46
2-16-2024 14:48:44	22umt016@kamarajengg.edu.in	22 / 30	22umt016	920422115020	Shiva R	44
2-16-2024 14:43:20	22umt017@kamarajengg.edu.in	23 / 30	22umt017	920422115024	R.vijai	46
2-16-2024 14:43:23	22umt018@kamarajengg.edu.in	24 / 30	22umt018	920422115002	ARUNATH A	48
2-16-2024 14:26:54	22umt019@kamarajengg.edu.in	25 / 30	22umt019	920422115006	Hari Krishnan.B	50
2-16-2024 14:49:41	22umt020@kamarajengg.edu.in	24 / 30	22umt020	920422115022	K.Sriram Narayanan	48
2-16-2024 14:29:21	22umt021@kamarajengg.edu.in	24 / 30	22umt021	920422115001	S.ABINESH	48
2-16-2024 14:52:32	22umt022@kamarajengg.edu.in	25 / 30	22umt022	920422115017	RATHIKA SHREE.B	50
2-16-2024 14:36:11	22umt023@kamarajengg.edu.in	24 / 30	22UMT023	920422115003	BALAJI C	48
2-16-2024 14:38:50	22umt024@kamarajengg.edu.in	24 / 30	22umt024	920422115014	PARTHIBAN.M	48
2-16-2024 14:37:32	22umt025@kamarajengg.edu.in	24 / 30	22umt025	920422115304	SANJAY KUMAR M	48
2-16-2024 14:39:56	22umt026@kamarajengg.edu.in	18 / 30	22umt026	920422115305	YOGACHARAN.B	36
2-16-2024 14:42:27	22umt027@kamarajengg.edu.in	15 / 30	22umt027	920422115302	MUTHUMANICKAM.K	30
2-16-2024 14:48:51	22umt028@kamarajengg.edu.in	25 / 30	22umt028	920422115301	Gokul S	50
2-16-2024 14:39:16	22umt029@kamarajengg.edu.in	23 / 30	22umt029	920422115303	B.Sangareshwaran	46

VAC Coordinator

HoD/MTRE

Value Added Course on "Internet of Things" External Assesment

Timestamp	Email Address	Score Out of 30	Roll No	Register Number	Name	Score Out of 60
2-16-2024 14:38:28	22umt001@kamarajengg.edu.in	25 / 30	22umt001	920422115019	Sashwanth S	50
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2-16-2024 14:35:54	22umt011@kamarajengg.edu.iin	24 / 30	22umt011	920422115018	Sahaya Santhosh Raj.S	48
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2-16-2024 14:51:35	22umt013@kamarajengg.edu.in	24 / 30	22UMT013	920422115010	Loga Anjana.P	48
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2-16-2024 14:52:32	22umt022@kamarajengg.edu.in	25 / 30	22umt022	920422115017	RATHIKA SHREE.B	50
2-16-2024 14:36:11	22umt023@kamarajengg.edu.in	24 / 30	22UMT023	920422115003	BALAJI C	48
2-16-2024 14:38:50	22umt024@kamarajengg.edu.in	24 / 30	22umt024	920422115014	PARTHIBAN.M	48
2-16-2024 14:37:32	22umt025@kamarajengg.edu.in	24 / 30	22umt025	920422115304	SANJAY KUMAR M	48
2-16-2024 14:39:56	22umt026@kamarajengg.edu.in	18 / 30	22umt026	920422115305	YOGACHARAN.B	36
2-16-2024 14:42:27	22umt027@kamarajengg.edu.in	15 / 30	22umt027	920422115302	MUTHUMANICKAM.K	30
2-16-2024 14:48:51	22umt028@kamarajengg.edu.in	25 / 30	22umt028	920422115301	Gokul S	50
2-16-2024 14:39:16	22umt029@kamarajengg.edu.in	23 / 30	22umt029	920422115303	B.Sangareshwaran	46

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DEPARTMENT OF MECHATRONICS ENGINEERING
(Accredited by NBA, New Delhi)

II Year Students Value Added Couse on IoT Attendance Sheet

S.No	Roll.No	Name	12.02.2024		13.02.2024		14.02.2024	
			FN	AN	FN	AN	FN	AN
1	22UMT001	SASHWANTH.S						
2	22UMT002	BIBAKS NOBAL.A.P						
3	22UMT003	ISAC STEPHEN.V						
4	22UMT004	TRISHNA.K						
5	22UMT005	JOTHEESWARAN.A						
6	22UMT006	MATHIYA VEDHA NIRANJAN.R						
7	22UMT007	SRIRAM.A						
8	22UMT008	HARIRAJAN.K						
9	22UMT009	GUHANESHVAR.S						
10	22UMT010	MUTHU JEYA SUNDAR.S						
11	22UMT011	SAHAYA SANTHOSH RAJ.S						
12	22UMT012	RAGAVARSHINI.S						
13	22UMT013	LOGA ANJANA.P						
14	22UMT014	PRIYADHARSHAN.S						
15	22UMT015	MADHAN KUMAR.R						
16	22UMT016	SHIVA.R						
17	22UMT017	VIJAI.R						
18	22UMT018	ARUNATH.A						
19	22UMT019	HARI KRISHNAN.B						
20	22UMT020	SRIRAM NARAYANAN.K						

S.No	Roll.No	Name	12.02.2024		13.02.2024		14.02.2024	
			FN	AN	FN	AN	FN	AN
21	22UMT021	ABINESH.S						
22	22UMT022	RATHIKASHREE.B	Rath.B	Rath.B	Rath.B	Rath.B	Rath.B	Rath.B
23	22UMT023	BALAJI.C	Onanz	Onanz	Onanz	Onanz	Onanz	Onanz
24	22UMT024	PARTHIBAN.M	Parthiban.M	Parthiban.M	Parthiban.M	Parthiban.M	Parthiban.M	Parthiban.M
25	22UMT025	SANJAY KUMAR.M	M.Sanjay	M.Sanjay	M.Sanjay	M.Sanjay	M.Sanjay	M.Sanjay
26	22UMT026	YOGACHARAN.B	B.Yogacharan	B.Yogacharan	Baran	Baran	B.Yogacharan	B.Yogacharan
27	22UMT027	MUTHUMANICKAM.K						
28	22UMT028	GOKUL.S	S.Gul	S.Gul	S.Gul	S.Gul	S.Gul	S.Gul
29	22UMT029	SANGARESHWARAN.B	B.Sangaresh	B.Sangaresh	B.Sangaresh	B.Sangaresh	B.Sangaresh	B.Sangaresh

VAC Coordinator.

HoD/MTRE

A. Keravan

VAC Trainer.

A. Keravan.

KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near **VIRUDHUNAGAR).**

DEPARTMENT OF MECHATRONICS ENGINEERING
(Accredited by NBA, New Delhi)

II Year Students Value Added Couse on IoT Attendance Sheet

S.No	Roll.No	Name	15.02.2024		16.02.2024	
			FN	AN	FN	AN
1	22UMT001	SASHWANTH.S				
2	22UMT002	BIBAKS NOBAL.A.P				
3	22UMT003	ISAC STEPHEN.V				
4	22UMT004	TRISHNA.K				
5	22UMT005	JOTHEESWARAN.A				
6	22UMT006	MATHIYA VEDHA NIRANJAN.R				
7	22UMT007	SRIRAM.A				
8	22UMT008	HARIRAJAN.K				
9	22UMT009	GUHANESHVAR.S				
10	22UMT010	MUTHU JEYA SUNDAR.S				
11	22UMT011	SAHAYA SANTHOSH RAJ.S				
12	22UMT012	RAGAVARSHINI.S				
13	22UMT013	LOGA ANJANA.P				
14	22UMT014	PRIYADHARSHAN.S				
15	22UMT015	MADHAN KUMAR.R				
16	22UMT016	SHIVA.R				
17	22UMT017	VIJAI.R				
18	22UMT018	ARUNATH.A				
19	22UMT019	HARI KRISHNAN.B				
20	22UMT020	SRIRAM NARAYANAN.K				

S.No	Roll.No	Name	15.02.2024		16.02.2024	
			FN	AN	FN	AN
21	22UMT021	ABINESH.S				
22	22UMT022	RATHIKASHREE.B				
23	22UMT023	BALAJI.C				
24	22UMT024	PARTHIBAN.M				
25	22UMT025	SANJAY KUMAR.M				
26	22UMT026	YOGACHARAN.B				
27	22UMT027	MUTHUMANICKAM.K				
28	22UMT028	GOKUL.S				
29	22UMT029	SANGARESHWARAN.B				

VAC Coordinator.

HOD/MTRE.

A. Sreeravan
VAC Trainer.

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DEPARTMENT OF MECHATRONICS ENGINEERING

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KAMARAJ / MTRE /VAC/2023-2024   08-02-2024

CIRCULAR

The Department of Mechatronics Engineering is organizing the Value Added Course **on "Internet of Things".** The details of the programme are as follows:

Date	: 12-02-2024 to 16-02-2024
Time	: 9.10 a.m to 4.00 p.m
Venue	: MTRE- CAD Lab
Name of the Resource Person	: Mr.A.Kesavan, Chief Executive officer, Quantanics Techserv Pvt Ltd Madurai.
Topic	: Value Added Course **on "Internet of Things"**
Relevance to PO	: PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12
Relevance to PSO	: PSO1, PSO2.
Event Outcome	: This program given the on exposure to the students to develop IoT specific

skillsets. The students will be trained on skillsets to acquire data from relevant sensors and interface to Arduino Controller, connecting the data to IoT servers.

Coordinator   **HoD/MTRE**

Cc to file
1. **IQAC/Administrative office**
2. **Department Main Notice Board.**
3. **To be Read in II MTRE Class Rooms.**
4. **To be circulated to II Year MTRE through their office mail.**
5. **Department Circular File.**

DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

Value Added Course on "Internet of Things" – External Assessment Test

Date : 14-02-2024

Academic Year : 2023-2024 (Even Semester)

Year & Department : II & Mechatronics Engineering

Venue : MTRE –CAD Lab

Hall Invigilator : A.ARULKUMAR,AP/MTRE

SCHEDULE

Date	Session	Duration		Register Number	Number of Students
		From	**To**		
16-02-2024	AN	1:30 PM	3:30 PM	920422115001-920422115024, 920422115301-920422115305	29

VAC Co-Ordinator

HOD/MTRE

DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

Report on "Value Added Course on Internet of Things"

19.02.2024

Department of Mechatronics Engineering, Kamaraj College of Engineering & Technology organized Value added course on "Internet of Things " for II year Mechatronics Engineering students from 12.02.2024 to 16.02.2024. Er.A.Kesavan from Quantanics Techserve Pvt.Ltd, Madurai, handled the sessions and trained our students during the entire program. The main purpose of this event is to equip our budding Mechatronics engineers with the knowledge of Internet of Things through hands on sessions and make them industry ready. The program began with a formal welcome address by Dr.K.Kannan HoD/MTRE. The Trainer provided hands on training on Arduino Programming in Tinker Cad software and integrate them to create custom applications.

Topics Covered

1. IoT Introduction
2. Sensors and Types of Arduino Controller
3. IoT Protocols and Applications
4. Arduino IoT Cloud

At the end of the course, students presented their project and an assessment test was conducted to evaluate the performance of the individuals. A total of 29 students attended the program and get benefitted. The valedictory function held with a feedback session, Felicitation by our Secretary, Principal followed by a formal vote of thanks.

VAC Co-Ordinator   **HoD/MTRE**

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DEPARTMENT OF MECHATRONICS ENGINEERING
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Value Added Course on "Internet of Things"
(for II year Mechatronics Engineering Students)

IoT Introduction
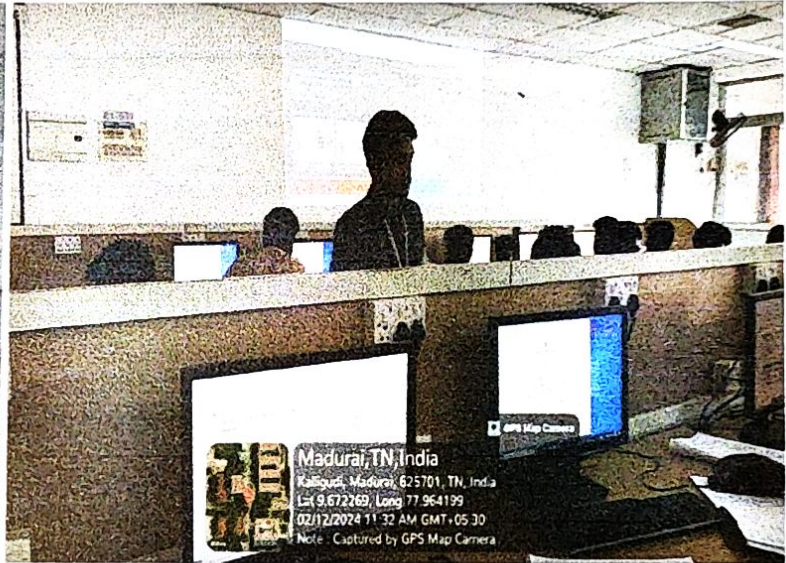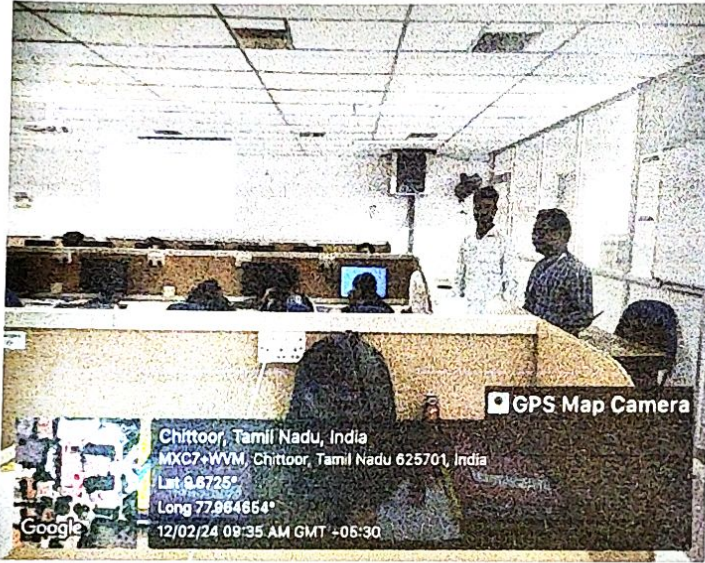
Sensors and Types of Arduino Controller
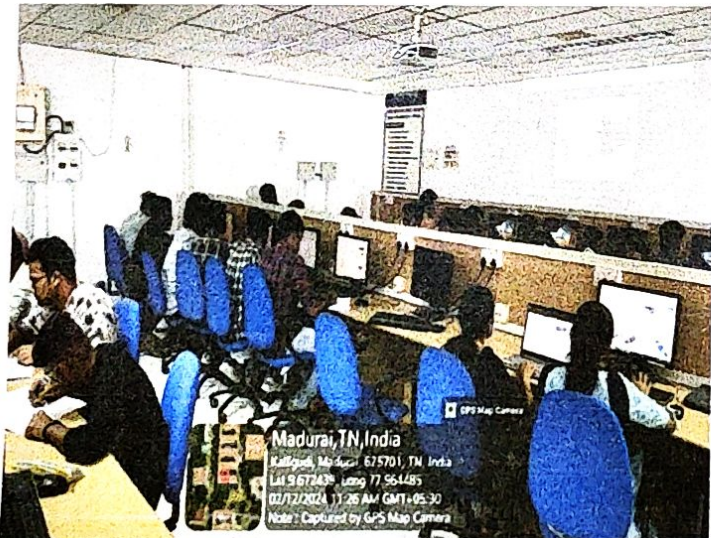
IoT Protocols and Applications

Arduino IoT Cloud & Project Demonstration

Valedictory Function

VAC Coordinator   **HoD/MTRE**

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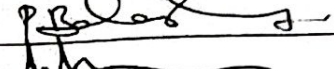
Department of Mechatronics Engineering

Seventh BoS Meeting Minutes

Date   : 30-09-2023

Time   : 2.00 P.M – 4.00P.M

Venue   : SMC Lab

Link (hybrid mode)   : https://tinyurl.com/MTRE-Bos-meeting

S.No	Name of the Expert	Designation	Capacity	Signature
1	Dr. S. Supriya	Professor & Head, Department of Mechanical Engineering, Government College of Engineering College, Tirunelveli - 627007.	Anna University Nominee	S.Supt
2	Dr. N. Sivakumaran	Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli - 620015.	Academic Council Nominee	
3	Dr. M. Suresh	Associate Professor, Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore – 641004.	Academic Council Nominee	
4	Dr. R. Kesavamoorthy	Director, Meta Heuristic Corporate India Pvt. Ltd., ISRO Layout, Bangalore – 560078.	Industrial Expert	
5	Mr. P. Rilwan Fayas	Senior Engineer & Team Lead Automotive Domain, TATA ELXSI, Tiruvanathapuram – 695581	Alumni	P. R—

The following members were present:

Internal faculty Members of BoS

S.No	Name of the Faculty	Designation	Signature
1.	Dr. K. Kannan, M.E., Ph.D.,	Professor & Head	
2.	Dr. M.Sudalaimani, M.E., Ph.D.,	Associate Professor	
3.	Dr. S.Rajesh Babu M.E., Ph.D.,	Assistant Professor	
4.	Dr. P. Bala Sundar, M.E, Ph.D.,	Assistant Professor	
5.	Mr. A. Arul Kumar, M.E, (Ph.D.,)	Assistant Professor	
6.	Mr. S. Wesley Moses Samdoss, M.E.,(Ph.D.,)	Assistant Professor	
7.	Mr. A. Ganesan, M.E.,	Assistant Professor	

007.01.00 : Welcome address by HoD

> Welcome address
> Dr. K. Kannan, Professor & HoD/MTRE gave welcome address to all the members of the Board of Studies.

007.02.00 : Approval of 6th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 6th BoS Meeting	Action Taken
006.04.01	BoS Members gave valuable suggestions in the Proposed R2021 Curriculum – V and VI Semester and Syllabi for Verticals and Minor.	The Suggestions given by BoS Members were incorporated in the R2021 – Curriculum – V and VI Semester syllabus for Verticals and minor as per their recommendations.
006.05.02	Members suggested that the students who have failed should be given another chance to repeat the same NPTEL course again.	As per the members suggestions NPTEL NPTEL-failed students were given another chance to repeat the same NPTEL course again.
006.05.03	BoS members advised the three-member committee to choose the value-added courses as per current trends and skills	As per the members suggestions Value added course on Advanced Industrial Automation was offered

	requirement for core industries.	to the students to meet the core industries requirement.
006.06.05	Members enquired about the evaluation process of student internship/ Inplant training.	Dr. K. Kannan briefed the evaluation process of the Internship and credit transfer to the members.

> All the members appreciated our efforts taken towards implementing the suggestions given by the members.
> All the members jointly approved the Minutes of the Sixth Board of Studies meeting.

007.03.00 : Discussion and approval of

007.03.01 : Proposed Curriculum and Syllabi for VII and VIII Semester

VII Semester

Name of the Course	Suggestions from BoS members
DESIGN OF MECHATRONICS SYSTEM	> Mr. P. Rilwan Fayas, ALUMNI Nominee suggested including concepts such as industrial standard protocols like Modbus/Ethernet in Unit-IV Real-time interfacing. > Dr. M. Suresh, Academic Council Nominee suggested including the topic bond graph technique in Unit-I. > The subject expert accepted it and assured will included in the syllabus.
COMPUTER-AIDED DESIGN AND MANUFACTURING LABORATORY	> All the members of the board accepted the syllabus without any modification.

VIII Semester

Name of the Course	Suggestions from BoS members
PROJECT WORK/INTERNSHIP	> All the members of the board accepted the syllabus without any modification and appreciated publishing their main project in national/international level conferences.

007.03.02 : Management Courses – TQM & PoM (MECH & MTRE)

Name of the Course	Common to	Suggestions from BoS members
PRINCIPLES OF MANAGEMENT	All Branches	➢ All the members of the board accepted the syllabus without any modification but suggested including recent edition of textbooks and reference books.
TOTAL QUALITY MANAGEMENT	All branches	➢ All the members of the board accepted the syllabus without any modification. Dr. R. Kesavamoorthy, an Industrial Expert suggested teaching unit V ISO standards by industrial experts by arranging special guest lectures for better effectiveness.

007.03.03 : List of Open Elective 1,2,3 & 4 courses offered

Name of the Course	Offered to	Suggestions from BoS members
FOUNDATION OF ROBOTICS	CSE,ECE,IT & ADS	➢ Dr. M. Suresh, Academic Council Nominee appreciated the activities planned and suggested including 2 -DOF in Unit-I.
INTRODUCTION TO PLC PROGRAMMING	EEE,BT, MECH, CIVIL &CSE	➢ Mr. P. Rilwan Fayas, ALUMNI Nominee suggested choosing the industry standard PLC like Siemens PLC for Case studies.
LOW COST AUTOMATION	CSE,ECE, IT,EEE, BT,MECH, CIVIL &ADS	➢ Mr. P. Rilwan Fayas, ALUMNI Nominee suggested removing programming of PLC and asked to include the ARM Processor or Arduino controller for further competencies to the students. ➢ Dr. M. Suresh, Academic Council Nominee suggested removing the topics mapping methods – step counter method - compound circuit design -combination circuit design from Unit II. Asked to reframe Unit I and Unit V by considering the contact hours. The subject expert accepted it.
SENSORS AND ACTUATORS	CSE, ECE, IT,EEE, BT,MECH, CIVIL,ADS	➢ Members suggested removing thyristors from in Unit-IV due to redundancy.

007.03.04 : List of NPTEL Courses (equivalence) offered for the students those who are opting for Honours / Minor degree/alternative to professional elective courses

> Dr.K.Kannan, Listed the NPTEL Course Name corresponding to its equivalent Professional elective course.

NPTEL COURSE	Equivalent Professional elective course
Wheeled Mobile Robots	Autonomous Mobile Robots
Embedded Systems Design	Embedded System Design

> The members appreciated the efforts taken by the NPTEL local chapter Coordinator and department NPTEL Coordinator.

007.03.05 : Human Values and Ethics Courses

> Dr. M. Suresh, Academic Council Nominee suggested this course's entire syllabus is as per the student induction programme. Since we are offering this in the SIP program,he suggested to offer Engineering Ethics Semester VII.

007.04.00 : ITEMS FOR RATIFICATION

007.04.01 : Changes or Corrections in the existing Curriculum of R2020 and R2021

Existing	Corrections required and specify the reasons
Computer Aided Design and Manufacturing Laboratory and R2021	This course is moved from the VI semester to the VII Semester since the course mini project is moved from the VII to VI semester.
Mini project and R2021	This course needs to be offered in advance i.e. in the VI Semester for giving project exposure to the students before the placement drives.
Credit Adjustment	Nil

007.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

> Dr. K. Kannan presented the NPTEL Courses enrolled by the students. Out of 16 students NPTEL course on E-Business 15 were passed and one student get failed this course. Members suggested that the students who have failed should be given another chance to repeat the same NPTEL course again.

007.04.03 : Curriculum feedback and action taken if any

> Dr. K. Kannan presented the curriculum feedback summary collected from various stakeholders which was accepted by all the BoS members.

007.04.04 : Value Added Courses offered – ratification if any

> In BoS 06.05.03 the BoS members advised the three members committee to choose the value-added courses as per current trends and skills requirements for core industries. As per that the three-member committee chose and offered VAC on Advanced Industrial Automation for third-year students. The BoS members accepted it without any concern.

> The members discussed about Value Added Course to be offered in the future. The members suggested the three-member committee to offer value-added courses in the recent trends of mechatronics domains such as drones or the automotive domain, as this could fetch them job opportunities.

007.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members
007.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses	> The HOD Presented the number of students doing Honours/ Honours with specialization/ Minors and their respective courses. > Members appreciated and suggested utilizing the NPTEL video lectures for honours and minors since it encourages the students to do self-paced courses and enhances self-learning.
007.05.02	Student Internship Completion details	> The HOD shared the statistical data of the student internship/ Inplant training details for R2020 & R2021.Members appreciated it.
007.05.03	Pass Percentage of students	The HOD Presented the Pass percentage year-wise and course-wise. The members appreciated the IV Year and III Year Results. The members suggested concentrating on II Year Results, especially III and IV Semester Results by providing coaching classes to the slow learners. The members appreciated the Graduation Percentage of 2019-2023 Passed out batch.
007.05.04	Value Added Courses offered/	The HOD Presented the Value-added

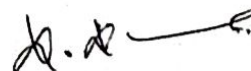|	Planned for the academic year : 2023 – 2024	course offered/ planned for the academic year and the members suggestions were noted in 007.04.04.
007.05.05	NBA eSAR / status /compliance preparation and its information	- The HOD Happily shared the NBA Accreditation status of the department for three years from AY 2021-2022 to AY 2023-2024. Also, he stated that we are in the process of the compliance report preparation. The members appreciated the efforts taken by the faculty members for the successful preparation of the compliance report.
007.05.06	Student Internship details (between 6th and 7th meeting)	➢ The HOD shared the statistical data of the student internship/ Inplant training details for R2020 & R2021 and all the BoS Members appreciated the III cell activities of the department.

007.06.00 : Any other Item

> ➢ The HoD presented the Department's achievements in placement, extracurricular, and co-curricular activities of students. The BoS members appreciated the department's achievements and encouraged offers with higher salary packages and more participation in the future.

> ➢ Members discussed the student admissions in I year and the Lateral Entry scheme.

007.07.00 : Vote of Thanks

> ➢ The meeting ended with the Vote of Thanks by A.Arulkumar, Assistant Professor, Department of Mechatronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

BoS Coordinators
A.Arulkumar,AP/MTRE

BoS Chairman
Dr.K.Kannan
HoD / MTRE
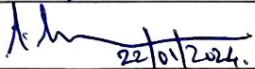
S.Wesley Moses Samdoss, AP/MTRE

22.01.2024

Minutes of Meeting

As per the current needs in industry, we need to provide the Value-added course for 2022 – 2026 Batch, II year UG candidates in 2023 – 2024 Even semester. In connection with this, the three member committee has been constituted to scrutinize the Value-added course evaluation, meeting has been convened on 22.01.2024 (1.30 PM to 02.30 PM) at SMC Centre for Excellence Lab, Mechatronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

The Three-member committee has recommended the Value-added course "Internet of Things" for 2022-2026 Batch.

Members List

S.No.	Members	Category	Signature
1	Dr.K.Kannan, Prof. & Head/MTRE	Head	
2	Mr.S.Wesley Moses Samdoss, AP/MTRE	UG Coordinator	
3	Mr.A.Arulkumar, AP/MTRE	VAC Incharge	22/01/2024.

Internet of Things (IoT)

IoT Introduction   6 Hours

IoT Introduction - Basics of C Programming - Basic Electronics Setting up Arduino IDE - LED Blinking Traffic Light System Diving deep into C programming (functions) LED control using push button - Motor switching on using relay C pointers - arrays and memory allocation.

Sensors and Types of Arduino Controller   12 Hours

Temperature sensor to display temperature - ESP 32/ ESP8266 architecture - LED and Switch Control basics using ESP Display Interfacing - 7 segment - LCD display - Keypad.

IoT Protocols and Applications   8 Hours

ADC Conversion - keypad relay control - USART - USART Communication Timer - Counter Clock - PWM - PWM Example - Project - Microcontroller EEPROM - Storing Wifi Credentials in EEPROM -I2C - RTC time from RTC - NTP - NODEMCU IOT - Temperature & Humidity - PIR CLOUD - Home automation - Robot control.

Arduino IoT Cloud   4
Hours

Arduino Cloud Integration –Account Creation – Things Create – Device Configuration – Dashboard Configuration – live data streaming.

Internal Assessment Test and Presentation   5
Hours

IoT Assessment

* Indicates required question

1. Email *

    _____

2. Roll No *

    _____

3. Register Number *

    _____

4. Name *

    _____

5. Year and Department *

    _____

6. Mention title of project you have done *

    _____
    _____
    _____
    _____
    _____

7. True or False.We use a pull down resistor for digital inputs to ensure the * 1 point
   input is held LOW when the switch is off.

Mark only one oval.

◯ True

◯ False

8. What is sketch in Arduino? * 1 point

Mark only one oval.

◯ Drawing

◯ Paint

◯ Code

◯ None of the above

9. **What is ESP8266?** * 1 point

Mark only one oval.

◯ A Wifi based Microntroller

◯ Relay module

◯ Pressure sensor

◯ Bluetooth module

10. What are the software structure functions? * 1 point

Mark only one oval.

◯ Setup( ) and Loop( )

◯ Void main ( )

◯ Class ( ) and Void main( )

◯ None of the above

11. Full form of MQTT? * 1 point

Mark only one oval.

◯ Message Queuing Telemetry Transport Protocol

◯ Metadata Que Transport Telementary

◯ Markup Quality Transverse Transport

◯ None of the above

12. Which is not a protocol * 1 point

Mark only one oval.

◯ SPI

◯ I2C

◯ PWM

◯ UART

13. IoT use which medium? *   1 point

Mark only one oval.

⬭ Internet

⬭ BLE

⬭ LORA

⬭ None of the above

14. Which is not a component of IoT? *   1 point

Mark only one oval.

⬭ Sensors

⬭ Connectivity

⬭ Data Processing

⬭ None of the above

15. Which is not a IoT board? *   1 point

Mark only one oval.

⬭ ESP32

⬭ ESP8266

⬭ arduino UNO

⬭ None of the above

16.   What language is a typical Arduino code based on? *   1 point

Mark only one oval.

◯ Assembly Code

◯ Java

◯ CPP

◯ Python

17.   What language is the Arduino IDE built on? *   1 point

Mark only one oval.

◯ CPP

◯ Java

◯ Python

◯ HTML

18.   What is the correct execution process of an Arduino code? *   1 point

Mark only one oval.

◯ Editor->Preprocessor->Compiler

◯ Preprocessor->Editor->Compiler

◯ Compiler->Preprocessor->Editor

◯ All the above

19. What is the operating voltage of ESP8266? *   ` 1 point

Mark only one oval.

◯ 3.3V

◯ 5V

◯ 9V

◯ All the above

20. How many times does the setup() function run on every startup of the   * 1 point
    Arduino System?

Mark only one oval.

◯ 1

◯ 2

◯ 3

◯ 4

21. What is the use of the ESP8266 WiFi Module? *   1 point

Mark only one oval.

◯ Network Provider

◯ Switches circuits

◯ Evaluates air pressure

◯ None of the above

22. GPIO Stands for? *   1 point

Mark only one oval.

◯ General purpose input output

◯ General purpose integrated output

◯ General purpose intra output

◯ None of the above

23. Which is not a datatype? *   1 point

Mark only one oval.

◯ Int

◯ Float

◯ Pinmode

◯ Long

24. Sensors convert signals from analog to _____ domain. *   1 point

Mark only one oval.

◯ electrical

◯ Digital

◯ Mechanical

◯ Both a and b

25. To keep the LED on, output at pin 13 is written in code as? *   1 point

Mark only one oval.

◯ digitalread(13,HIGH);

◯ digitalRead(13,1);

◯ digitalwrite(13,HIGH);

◯ digitalWrite(13,HIGH);

26. What is the full form of PWM? *   1 point

Mark only one oval.

◯ Pin Wide Modulation

◯ Pulse Waveform Modulation

◯ Pulse Width Modulation

◯ Pulse Wave Modulation

27. Arduino Codes are referred to as _____ in the Arduino IDE. *   1 point

Mark only one oval.

◯ a) sketches

◯ b) drawings

◯ c) links

◯ d) notes

28. What is the use of the Vin pin present on some Arduino Boards? *   1 point

Mark only one oval.

- ( ) a) To ground the Arduino Board
- ( ) b) To power the Arduino Board
- ( ) c) To provide a 5V output
- ( ) d) Is used for plugging in 3V supply

29. What is the microcontroller used in Arduino UNO? *   1 point

Mark only one oval.

- ( ) a) ATmega32114
- ( ) b) AT91SAM3x8E
- ( ) c) ATmega2560
- ( ) d) ATmega328p

30. If digital input pin 4 was LOW and we wanted the variable 'switchstate' to   * 1 point
store that value, which is the correct command.

Mark only one oval.

- ( ) switchstate =digitalRead(4);
- ( ) switchstate=digitalRead(7);
- ( ) switchstate =digitalRead(4)
- ( ) switchstate =digitalread(4);

31.   Select one Digital inputs_____ *   1 point

Check all that apply.

☐ can be one of three states,HIGH,LOW and MIDDLE
☐ can turn on LED's
☐ can be only one of two states,HIGH or LOW
☐ Can be a wide range of values.

32.   How much bit ADC is used in Arduino? *   1 point

Mark only one oval.

◯ 12 bit
◯ 10 bit
◯ 32 bit
◯ 64 bit

33.   **Which serial communication protocol can be used while using**   * 1 point
      ESP8266?

Mark only one oval.

◯ i2c
◯ SPI
◯ UART
◯ All of the above
◯ Other: _____

34. **How many GND (ground) pins are present in the NodeMCU ESP8266? *** 1 point

Mark only one oval.

- ◯ 1
- ◯ 2
- ◯ 3
- ◯ 4

35. Which devices measures gases or liquid? * 1 point

Mark only one oval.

- ◯ Water Flow Sensor
- ◯ Proximity sensor
- ◯ Pressure sensor
- ◯ Temperature sensor

36. Resolution is expressed in _____ * 1 point

Mark only one oval.

- ◯ Bytes
- ◯ Bits
- ◯ Word
- ◯ Nibble

VAC Cordinator.

HoD/MTRE

Google Forms

IoT Assessment

Email *

22umt008@kamarajengg.edu.in

Roll No *

22umt008

Register Number *

920422115007

Name *

Harirajan.K

Year and Department *

2nd Year Mechatronics Engineering

Mention title of project you have done *

Smart Agriculture Monitoring System

True or False.We use a pull down resistor for digital inputs to ensure the input is held LOW when the switch is off.   * 1 point

◉ True

◯ False

What is sketch in Arduino? *   1 point

◯ Drawing

◯ Paint

◉ Code

◯ None of the above

What is ESP8266? *   1 point

◉ A Wifi based Microntroller

◯ Relay module

◯ Pressure sensor

◯ Bluetooth module

What are the software structure functions? *   1 point

◉ Setup( ) and Loop( )

◯ Void main ( )

◯ Class ( ) and Void main( )

◯ None of the above

Full form of MQTT? *   1 point

◉ Message Queuing Telemetry Transport Protocol

◯ Metadata Que Transport Telementary

◯ Markup Quality Transverse Transport

◯ None of the above

Which is not a protocol *   1 point

◯ SPI

◯ I2C

◉ PWM

◯ UART

IoT use which medium? *   1 point

◉ Internet

○ BLE

○ LORA

○ None of the above

Which is not a component of IoT? *   1 point

○ Sensors

○ Connectivity

○ Data Processing

◉ None of the above

Which is not a IoT board? *   1 point

○ ESP32

○ ESP8266

○ arduino UNO

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What language is a typical Arduino code based on? *   1 point

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- ◉ 3.3V
- ◯ 5V
- ◯ 9V
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- ◯ 3
- ◯ 4

What is the use of the ESP8266 WiFi Module? *   1 point

- ◉ Network Provider
- ◯ Switches circuits
- ◯ Evaluates air pressure
- ◯ None of the above

GPIO Stands for? *   1 point

(●) General purpose input output

(○) General purpose integrated output

(○) General purpose intra output

(○) None of the above

Which is not a datatype? *   1 point

(○) Int

(○) Float

(●) Pinmode

(○) Long

Sensors convert signals from analog to _____ domain. *   1 point

(○) electrical

(●) Digital

(○) Mechanical

(○) Both a and b

To keep the LED on, output at pin 13 is written in code as? *   1 point

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What is the use of the Vin pin present on some Arduino Boards? *   1 point

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Select one Digital inputs____ *   1 point

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How much bit ADC is used in Arduino? *   1 point

○ 12 bit

◉ 10 bit

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How many GND (ground) pins are present in the NodeMCU ESP8266? *   1 point

○ 1

○ 2

○ 3

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Which devices measures gases or liquid? *   1 point

○ Water Flow Sensor

○ Proximity sensor

◉ Pressure sensor

○ Temperature sensor

Resolution is expressed in _____ *   1 point

○ Bytes

◉ Bits

○ Word

○ Nibble

19/02/2024.
VAC Co ordinator.

HOD/NMRE

IoT Assessment

Email *

22umt019@kamarajengg.edu.in

Roll No *

22umt019

Register Number *

920422115006

Name *

Hari Krishnan.B

Year and Department *

2nd Mechatronics Engineering dept

Mention title of project you have done *

LIGHT DEPENDENT RESISTANCE SENSOR(LDR)

True or False.We use a pull down resistor for digital inputs to ensure the input is held LOW when the switch is off.   * 1 point

◉ True

◯ False

What is sketch in Arduino? *   1 point

◯ Drawing

◯ Paint

◉ Code

◯ None of the above

What is ESP8266? *   1 point

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What are the software structure functions? *   1 point

⦿ Setup( ) and Loop( )

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Full form of MQTT? *   1 point

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IoT use which medium? *

1 point

◉ Internet

○ BLE

○ LORA

○ None of the above

Which is not a component of IoT? *

1 point

○ Sensors

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◉ None of the above

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○ 2

○ 3

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○ Network Provider

○ Switches circuits

○ Evaluates air pressure

◉ None of the above

GPIO Stands for? *   1 point

⦿ General purpose input output

○ General purpose integrated output

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Which is not a datatype? *   1 point

○ Int

○ Float

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Sensors convert signals from analog to _____ domain. *   1 point

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How many GND (ground) pins are present in the NodeMCU ESP8266? *

1 point

○ 1

◉ 2

○ 3

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Which devices measures gases or liquid? *

1 point

○ Water Flow Sensor

○ Proximity sensor

◉ Pressure sensor

○ Temperature sensor

Resolution is expressed in _____ *

1 point

○ Bytes

◉ Bits

○ Word

○ Nibble

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VAC Coordinator.

HOD/MTRE

IoT Assessment

Email *

22umt010@kamarajengg.edu.in

Roll No *

22umt010

Register Number *

920422115013

Name *

S.Muthu Jeya Sundar

Year and Department *

Mechatronics engineering

Mention title of project you have done *

Light Dependent Resistor Sensor

True or False.We use a pull down resistor for digital inputs to ensure the input is held   * 1 point
LOW when the switch is off.

◉ True

◯ False

What is sketch in Arduino? *   1 point

◯ Drawing

◯ Paint

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⭕ Switches circuits

⭕ Evaluates air pressure

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○ Nibble

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VAC   Coordinator.

HOD/MTRE

IoT Assessment

Email *

22umt004@kamarajengg.edu.in

Roll No *

22UMT004

Register Number *

920422115023

Name *

TRISHNA K

Year and Department *

II-MTRE

Mention title of project you have done *

Smart Agriculture Monitoring

True or False.We use a pull down resistor for digital inputs to ensure the input is held LOW when the switch is off.   * 1 point

⦿ True

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What is sketch in Arduino? *   1 point

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Which is not a component of IoT? *

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- ⦿ None of the above

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- ◯ ESP32
- ◯ ESP8266
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- ( ) 32 bit
- ( ) 64 bit

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○ 1

○ 2

○ 3

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Which devices measures gases or liquid? *　　　　1 point

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○ Proximity sensor

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Resolution is expressed in _____ *　　　　1 point

○ Bytes

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○ Word

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Google Forms

VAC Coordinator·　　　　　　　　HOD/MTRE

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MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ **S.SASHWANTH** __ _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK..**85**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __A.P. BIBAKS NOBAL__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd**, Madurai from **12.02.2024 to 16.02.2024** in·association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK...**79**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
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This is to certify that Mr./Ms. __V. ISAC STEPHEN__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**82**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ _____ **K. TRISHNA** _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

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DIRECTOR
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COORDINATOR
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HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

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This is to certify that Mr./Ms. **A.JOTHEESWARAN** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**74**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

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CERTIFICATE

This is to certify that Mr./~~Ms.~~ **R.MATHIYA VEDHA NIRANJAN** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**82**.%

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COORDINATOR
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HOD/MECHATRONICS ENGINEERING.
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QUANTANICS TECHSERV PVT LTD
MADURAI-16

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This is to certify that Mr./M̶s̶. ___A.SRIRAM___ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd**, Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**58**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

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DIRECTOR
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This is to certify that Mr./~~Ms.~~ __S. GUHANESHVAR__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

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VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. **S.MUTHU JEYA SUNDAR** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**85**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms~~. **S. SAHAYA SANTHOSH RAJ** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK...**82**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __S.RAGA VARSHINI__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK...**86**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __P. LOGA ANJANA__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**84**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ **S. PRIYADHARSHAN** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK...**84**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ __R.MADHAN KUMAR__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK..**81**....%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. _____ **R. SHIVA** _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**78**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ _____ **R. VIJAI** _____ _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**81**....%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. _____ A. ARUNATH _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**83**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __B.HARI KRISHNAN_____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**86**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. **K.SRIRAM NARAYANAN** has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**81**....%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./M̶s̶. ____S. ABINESH_____ _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**80**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __B.RATHIKASHREE__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**87**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. _____ **C. BALAJI** _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**84**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. ___M.PARTHIBAN_____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701, Near Virudhunagar.

ASSESSMENT MARK...**83**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ ___M. SANJAY KUMAR_____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK..**83**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./Ms. __**B. YOGACHARAN**__ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering, **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**68**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ __K.MUTHUMANICKAM_____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**62**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ _____ **S. GOKUL** ___ _____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**85**...%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

QUANTANICS TECHSERV PVT LTD
MADURAI-16

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to certify that Mr./~~Ms.~~ __B.SANGARESHWARAN_____ has attended Five days Value Added Course on **Internet of Things (IoT)** offered by **Quantanics TechServ Pvt. Ltd,** Madurai from **12.02.2024 to 16.02.2024** in association with the Department of Mechatronics Engineering,**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, K.Vellakulam 625701,Near Virudhunagar.

ASSESSMENT MARK...**80**..%

DIRECTOR
A.KESAVAN

COORDINATOR
A.ARULKUMAR

HOD/MECHATRONICS ENGINEERING.
Dr.K.KANNAN

Feedback - Value added course on "Internet of Things"

29	02:45	Active
Responses	Average time to complete	Status

---

1. Name of the Student

29
Responses

Latest Responses
"ARUNATH A"
"R.vijai"
"K.Sriram Narayanan"

3 respondents (**10%**) answered **S** for this question.

RATHIKA SHREEB   SMuthu   KSriram Na

Hari KrishnanB   RMADHAN KUMAR   TRI

Sashwanth S   **S** KUMAR

BALAJI C   S GUHANESHVAR   V ISAC STE

Loga AnjanaP   Gokul S

SRAGA VARSHINI   Jeya Sundar   MSANJAY KUMAR

Mathiya

2. Enter Your Roll Number

29

Responses

1 respondents (3%) answered 22umt010 for this question.

22umt001 **22UMT015**
22UMT012 22umt007 **22UMT027** **22UMT008** 22
22umt005 **22umt002** 22umt024 22umt0:
22umt010 22umt011 **22UMT0**
22UMT023 22umt003 22umt029 **22UMT01:**
22UMT004 **22UMT022**

3. Enter Your Register Number

29

Responses

1 respondents (3%) answered 920422115013 for this question.

920422115003   920422115001   920422115301   92042211530
920422115020   920422115004   920422115021   9204
920422115302   920422115013   920422115303
920422115010   920422115018   920422115014   9204221
920422115007   920422115005   920422115008 ç
920422115006

4. Year & Department

29

Responses

9 respondents (**31%**) answered **year mechatronics** for this question.

MECHATRONICS ENGGINEERING   MECHATRONICS ENGINEERINC

2nd & Mechatronics   II and mechatronics

year mechatronics

Mechatronics Engineering   2nd year

BEMECHATRONICS ENGINEERING

5. Did this session increase your team spirit?

● Strongly Agree	19	
● Agree	10	
● Disagree	0	
● Strongly disagree	0	
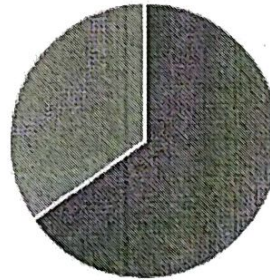
6. Did this session helped in increasing your technical knowledge on Internet of Things?

● Strongly Agree	17	
● Agree	11	
● Disagree	1	
● Strongly disagree	0	
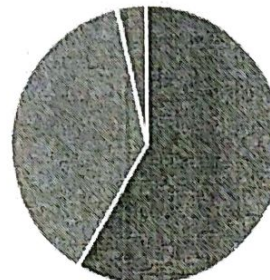
7. Did you enjoy learning this hands on way?

●	Strongly Agree	22
●	Agree	7
●	Disagree	0
●	Strongly disagree	0
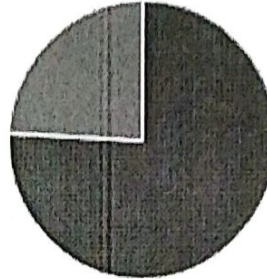
8. Did the Technical Presentations is organized in a sequential manner ?

●	Strongly Agree	16
●	Agree	12
●	Disagree	1
●	Strongly disagree	0
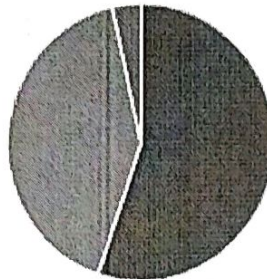
9. Did the Value Added Course is Effective?

●	Strongly Agree	19
●	Agree	9
●	Disagree	1
●	Strongly disagree	0
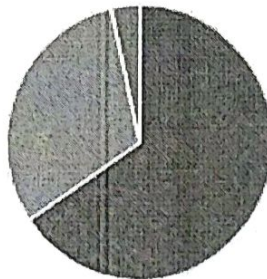
10. Were the Course Materials are useful?

●	Strongly Agree	16
●	Agree	12
●	Disagree	1
●	Strongly disagree	0
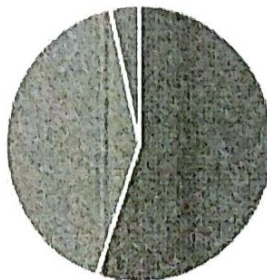
11. Whether the lab facilities are adequate ?

⬤	Strongly agree	18
⬤	Agree	9
⬤	Disagree	2
⬤	Strongly disagree	0
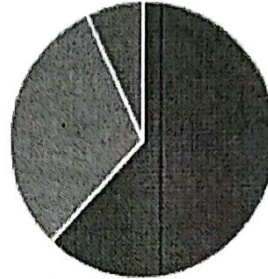
12. Any other points to improve the conduct of program like Value added Course in future.
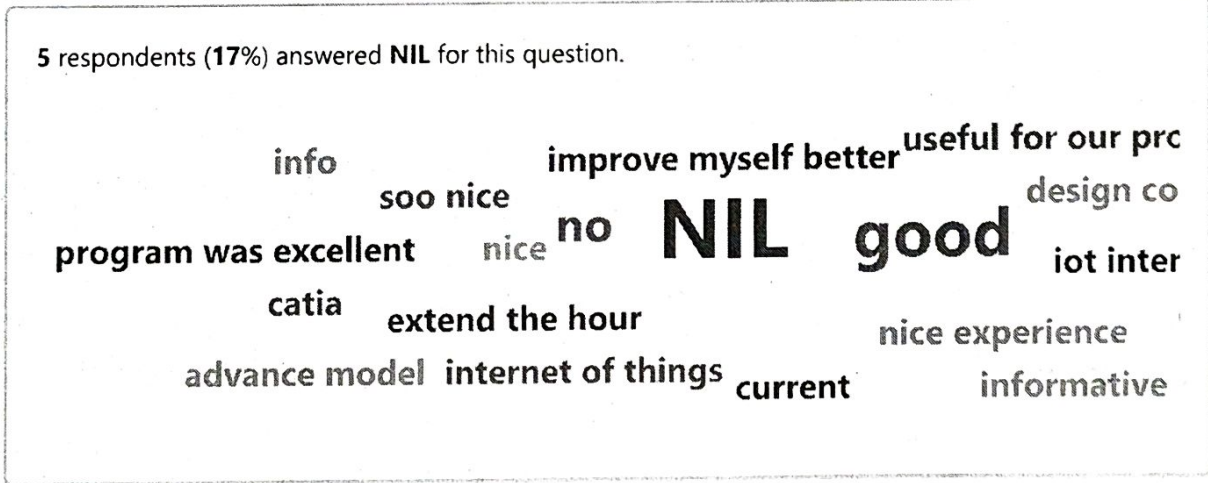
24
Responses

Latest Responses

"*nice experience to improve my knowledge, i need some other d...*"

"*I learnt about the iot internet of things* "

"*Nil*"

↻ Update

5 respondents (**17%**) answered **NIL** for this question.

info   improve myself better useful for our prc

soo nice   design co

program was excellent nice no **NIL** good iot inter

catia extend the hour   nice experience

advance model internet of things current   informative

VAC Coordinator

HOD/MTRE

View results

Respondent

4   BIBAKS NOBAL.A.P

01:28

Time to complete

1. Name of the Student *

A. P. Bibaks Nobal

2. Enter Your Roll Number *

22jmt002

3. Enter Your Register Number *

920422115004

4. Year & Department *

Mechatronics Engineering

5. Did this session increase your team spirit? *

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

6. Did this session helped in increasing your technical knowledge on Internet of Things? *

○ Strongly Agree

○ Agree

◉ Disagree

○ Strongly disagree

7. Did you enjoy learning this hands on way?
*

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

8. Did the Technical Presentations is organized in a sequential manner ? *

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

9. Did the Value Added Course is Effective? *

◯ Strongly Agree

◯ Agree

⦿ Disagree

◯ Strongly disagree

10. Were the Course Materials are useful? *

◯ Strongly Agree

◯ Agree

⦿ Disagree

◯ Strongly disagree

11. Whether the lab facilities are adequate ? *

⦿ Strongly agree

◯ Agree

◯ Disagree

◯ Strongly disagree

12. Any other points to improve the conduct of program like Value added Course in future. *

It's useful for our project...

A. h

VAC Coordinator.

HoD/MTRE

View results

Respondent

17   LOGA ANJANA.P

01:28

Time to complete

1. Name of the Student *

Loga Anjana.P

2. Enter Your Roll Number *

22UMT013

3. Enter Your Register Number *

920422115010

4. Year & Department *

second year and mechatronics engineering

5. Did this session increase your team spirit? *

◉ Strongly Agree

○ Agree

○ Disagree

○ Strongly disagree

6. Did this session helped in increasing your technical knowledge on Internet of Things? *

◉ Strongly Agree

○ Agree

○ Disagree

○ Strongly disagree

7. Did you enjoy learning this hands on way?
*

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

8. Did the Technical Presentations is organized in a sequential manner ? *

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

9. Did the Value Added Course is Effective? *

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

10. Were the Course Materials are useful? *

⦿ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

11. Whether the lab facilities are adequate ? *

⦿ Strongly agree

◯ Agree

◯ Disagree

◯ Strongly disagree

12. Any other points to improve the conduct of program like Value added Course in future. *

useful

VAC   Coordinator.

HOD / MTRE

View results

Respondent

18   SASHWANTH.S

01:25
Time to complete

1. Name of the Student *

Sashwanth S

2. Enter Your Roll Number *

22umt001

3. Enter Your Register Number *

920422115019

4. Year & Department *

2nd year and mechatronics

5. Did this session increase your team spirit? *

◉ Strongly Agree

○ Agree

○ Disagree

○ Strongly disagree

6. Did this session helped in increasing your technical knowledge on Internet of Things? *

◉ Strongly Agree

○ Agree

○ Disagree

○ Strongly disagree

7. Did you enjoy learning this hands on way?
*

◉ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

8. Did the Technical Presentations is organized in a sequential manner ? *

◉ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

9. Did the Value Added Course is Effective? *

◉ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

10. Were the Course Materials are useful? *

◉ Strongly Agree

◯ Agree

◯ Disagree

◯ Strongly disagree

11. Whether the lab facilities are adequate ? *

◉ Strongly agree

◯ Agree

◯ Disagree

◯ Strongly disagree

12. Any other points to improve the conduct of program like Value added Course in future. *

the program was excellent

VAC   Coordinator.

HOD/MTRE

View results

Respondent

8   ISAC STEPHEN.V

02:18

Time to complete

1. Name of the Student *

V. ISAC STEPHENN

2. Enter Your Roll Number *

22umt003

3. Enter Your Register Number *

920422115008

4. Year & Department *

2nd & MECHATRONICS ENGINEERING

5. Did this session increase your team spirit? *

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

6. Did this session helped in increasing your technical knowledge on Internet of Things? *

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

7. Did you enjoy learning this hands on way?
*

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

8. Did the Technical Presentations is organized in a sequential manner ? *

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

9. Did the Value Added Course is Effective? *

◉ Strongly Agree

○ Agree

○ Disagree

○ Strongly disagree

10. Were the Course Materials are useful? *

○ Strongly Agree

◉ Agree

○ Disagree

○ Strongly disagree

11. Whether the lab facilities are adequate ? *

○ Strongly agree

◉ Agree

○ Disagree

○ Strongly disagree

12. Any other points to improve the conduct of program like Value added Course in future. *

Good please provide more

VAC   Coordinator.

HoD/MTRE

INVOICE

QUANTANICS TECHSERV PVT LTD 206, VELLAIKANNU NAGAR, THENI MAIN ROAD, MADURAI: 625016 GSTIN: 33AAACQ5974E1ZG Email Id: support@quantanics.in	PI No: QTS/23-24/28	Dated 26- FEB-2024
	Delivery Note	Mode/Terms of Payment
	Buyers Order No. -	
	Dispatch Document No. Nil	Delivery Note Nil

Bill To The Principal, Kamaraj College of Engineering and Technology, Vellakulam- 625701	Dispatched through Direct Delivery	Destination: Virudhunagar.
	Terms of Delivery	

S. No	Description of Goods	HSN/SAC	GST Rate	Qty	Unit Rate	Amount
1.	Value Added course on Internet of Things	-	18	29	1000	29000

BANK DETAILS		
Taxable Value		29000
Name of the Bank: INDUSIND BANK	CGST	2610
	SGST	2610
Account Name: QUANTANICS TECHSERV PVT LTD	IGST	-
	Round Off	
Account No: 201003764986 IFSC CODE: INDB0001345	**Grand Total (Rs.)**	34420

Amount Chargeable (in word): Rs. Thirty Four Thousand Four Hundred and Twenty Rupees Only.

Declaration	For Quantanics Techserv Pvt Ltd
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct	A. Kesavan A. KESAVAN. CEO