SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (AUTONOMOUS)
(NBA Accredited- CSE, ECE, EEE)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROJECT EXPO

Date: 18-10-2024 & Time: 2PM to 4 PM

Venue- MB 409

Instructions to Participants

- **Maximum 3 members per batch**
- **Registration is free**
- **Last date for registration : 20/09/2024**

Link for registration:

https://forms.gle/c6Up1qVmeH5ChXe59

Faculty Co-ordinators:

Dr.C.Kavitha
Associate Professor & HOD
Department of ECE

Ms.M.Padma
Assistant professor
Department of ECE

SCAN ME

ORGANIZERS

Dr.C.Kavitha	Dr.M.Saravanan	Dr.N.Venkatachalapathi
HOD-ECE	DEAN ACADEMICS	PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)
(Approved by AICTE, New Delhi & Affiliated to JNTUA, Aananthapuramu)
Dr. D.K. Audikesavulu Marg, Murukambattu, Chittoor - 517127

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 03.09.2024

CIRCULAR

This is to inform all the ECE students of II, III and IV, that the Department of Electronics and Communication is conducting an event "PROJECT EXPO" on 18th October 2024 from 2.00PM to 4.00PM in the Main Block Room No. 409. Hence all the students are instructed to participate and showcase their practical skills.

New Innovative ideas/products are highly welcomed.

- Registration is free
- Maximum 3 members per batch
- Last date for registration: 15/10/2024

Faculty Coordinators Dr. C. Kavitha and Ms. M. Padma

Link for registration: https://forms.gle/c6UplqVmeHSChXe59

HOD-ECE

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
Sreenivasa Institute of Technology
and Management Studies (SITAMS)
CHITTOOR - 517 127 A.P

Copy to
1. The Principal
2. The IQAC Cell

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Aananthapuramu)

Dr. D.K. Audikesavulu Marg, Murukambattu, Chittoor– 517127

Department of Electronics and Communication Engineering

PROJECT EXPO 2K24 on 18th Oct 2024

Batch No	Reg no	Name of the Student	Year	Sec	Topic	Name of the Faculty Guided/Mentor
1	22751A0489	N.HEMANTH	III	B	RAIN DETECTOR WITH CLOTHES SHELTER	Mr.S.Ashmad Assistant Professor
	23751A0460	N.NANDHINI REDDY	II	B		
	23751A0466	P.ABINAYA	II	B		
2	23751A0493	T.SNEHA	II	C	INFINITE MIRROR	Dr.SSugumaram Associate Professor
	23751A04A7	Y.DINESH	II	C		
	23751A04A0	V.BHANU PRASAD	II	C		
3	23751A04A3	V.HIMABINDU	II	C	TRAFFIC LIGHT AND AUTOMATIC STREET LIGHT	Dr. K. Yogaprasad Professor
	23751A04A5	V.SRAVYA	II	C		
	23751A04A6	V.JOSHNA	II	C		
4	22751A04A4	PATHANGI SHIVAJI RAO	III	C	MINI INVERTER USING TRANSISTORS	Dr. S Vijayakumar Professor
	22751A04D2	T.NANDISHWAR	III	C		
	22751A04B9	S.RUPEESH	III	C		
	22751A04A8	PEDDINTI YASWANTH	III	C		
5	22751A0402	S.KARTHICK	III	C	SMART HOME CONTROL WITH ESP32	Dr K Varun Kumar Assistant Professor
	22751A04B6	S.BALAJI	III	C		
	22751A04B1	P.SAHIL NARENDRA	III	C		
	23755A0412	K.KIRAN KUMAR	III	C		
6	22751A04C4	SATHRAM KARUN	III	C	ARDUINO BASED AUTOMATIC WATERTAP USING ULTRASONIC SENSOR	Dr.CKavitha Associate Professor
	22751A04C7	S.VISHNUVARDHAN REDDY	III	C		
	22751A0451	K.BALAJI	III	C		
	23755A0412	K.KIRAN KUMAR	III	C		
7	22751A04B2	P.NANDINI	III	C	WOMENS SAFETY DEVICE	Mr. K.M.Hemambaran Assistant Professor
	22751A04D6	V.POOJA	III	C		
	22751A04B3	R.DONIKA	III	C		
	22751A04B8	S.LAVANYA	III	C		
8	22751A0484	N.DURGA PRASAD	III	B	FIRE FIGHTING ROBOT	Mrs.V.G.Hamsaveni Associate Professor
	23755A0411	K.THEJESH	III	B		
9	22751A0439	J.SINDHUJA	III	A	HOME AUTOMATION	MsM.Padma Assistant Professor
	22751A0408	B.NAVYA	III	A		
	22751A0421	C.SIVA PRAVEENA	III	A		

10	22751A0445	K.LAYA	III	A	WATER LEVEL INDICATOR	Mrs K Yasmin Assistant Professor
	22751A0434	G.MEGHANA	III	A		
	23755A0402	A.JAYA SREE	III	A		
11	21751A0469	M KISHORE KUMAR	IV	B	AUTOMATIC WINDOW CURTAIN OPEN AND CLOSE	MrsShaikReshma Assistant Professor
	21751A0488	P B VENU	IV	B		
	21751A0497	P YOGANTH	IV	B		

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Department of Electronics and Communication Engineering

PROJECT EXPO 2K24 on 18th Oct 2024

Registration

Batch No	Reg no	Name of the Student	Year	Sec	Name of the Faculty Guided/Mentor	Signature
1	22751A0489	N.HEMANTH	III	B	Mr.S.Ashmad Assistant Professor	N. Hemanth
	23751A0460	N.NANDHINI REDDY	II	B		N. Nandhini Reddy
	23751A0466	P.ABINAYA	II	B		P. Abinaya
2	23751A0493	T.SNEHA	II	C	Dr.SSugumaram Associate Professor	T. Sneha
	23751A04A7	Y.DINESH	II	C		Y. Dinesh
	23751A04A0	V.BHANU PRASAD	II	C		V. Bhanu prasad
3	23751A04A3	V.HIMABINDU	II	C	Dr. K. Yogaprasad Professor	V. Himabindu
	23751A04A5	V.SRAVYA	II	C		V. Sravya
	23751A04A6	V.JOSHNA	II	C		V. Joshna
4	22751A04A4	PATHANGI SHIVAJI RAO	III	C	Dr. S Vijayakumar Professor	P. Rao
	22751A04D2	T.NANDISHWAR	III	C		T. Nandishwar
	22751A04B9	S.RUPEESH	III	C		S. Rupeesh
	22751A04A8	PEDDINTI YASWANTH	III	C		P. Yaswanth
5	22751A0402	S.KARTHICK	III	C	Dr K Varun Kumar Assistant Professor	S. Karthick
	22751A04B6	S.BALAJI	III	C		S. Balaji
	22751A04B1	P.SAHIL NARENDRA	III	C		P. Narendra
	23755A0412	K.KIRAN KUMAR	III	C		K. Kiran kumar
6	22751A04C4	SATHRAM KARUN	III	C	Dr.CKavitha Associate Professor	S. Karun
	22751A04C7	S.VISHNUVARDHAN REDDY	III	C		S. Vishnuvardhan Reddy
	22751A0451	K.BALAJI	III	C		K. Balaji
	23755A0412	K.KIRAN KUMAR	III	C		K. Kiran kumar
7	22751A04B2	P.NANDINI	III	C	Mr. K.M.Hemambaran Assistant Professor	P. Nandini
	22751A04D6	V.POOJA	III	C		V. Pooja
	22751A04B3	R.DONIKA	III	C		R. Donika
	22751A04B8	S.LAVANYA	III	C		S. Lavanya
8	22751A0484	N.DURGA PRASAD	III	B	Mrs.V.G.Hamsaveni Associate Professor	N. Durga prasad
	23755A0411	K.THEJESH	III	B		K. Thejesh
9	22751A0439	J.SINDHUJA	III	A	MsM.Padma Assistant Professor	J. Sindhuja
	22751A0408	B.NAVYA	III	A		B. Navya
	22751A0421	C.SIVA PRAVEENA	III	A		C. Siva praveena

10	22751A0445	K.LAYA	III	A	Mrs K Yasmin Assistant Professor	K.laya
	22751A0434	G.MEGHANA	III	A		G. meghana
	23755A0402	A.JAYA SREE	III	A		A. Jaya sree
11	21751A0469	M KISHORE KUMAR	IV	B	MrsShaikReshma Assistant Professor	M. Kishore kumar
	21751A0488	P B VENU	IV	B		P.B Venu
	21751A0497	P YOGANTH	IV	B		P. yoganth

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Eng
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CHITTOOR - 517 127 A.P

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Department of ECE

On

"PROJECT EXPO 2K24"



Introduction: Project Exhibition was conducted on 18th October, 2024 at Department of ECE, SITAMS. Our Chairman, Advisor, Principal and Dean academics, inaugurated the program and also addressed students on the importance of conducting such events. They also motivated and appreciated the students to participate in external events and file patents.

This Project Exhibition & Competition is the effort aimed project-based learning among students and aims at providing hands-on experience to various technical aspects of engineering problems which will enable students to develop creative thinking and innovation in bringing up better engineering solutions and improves the depth of understanding of engineering concepts. This Project Exhibition creates platform for students to communicate and exchange their ideas/ concepts with the others.

Coordinator	: Dr. C. Kavitha, Associate Professor & HOD, ECE
Co-Coordinator	: Ms. M.Padma, Assistant Professor, ECE Dept., SITAMS.
Date	: 18.10.2024
Venue	: Main Block-409, SITAMS
Target Audience	: ECE Students
Organised by	: ECE, SITAMS

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
Sreenivasa Institute of Technology
and Management Studies (SITAMS)

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(AUTONOMOUS)
NBA ACCEREDITED-(CSE,ECE & EEE)
AFFILIATED TO JNTUA, ANANTAPURAMU
MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

INSTITUTION'S INNOVATION COUNCIL

> CERTIFICATE OF MERIT <

This is to certify that Mr./Ms. K. KIRANKUMAR, studying III B.Tech in ECE, has secured 1st place in the Project Expo titled Arduino based automatic water tap using ultrasonic sensor held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C. KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR. N.V.T.N.KATACHALAPATHI
PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

INSTITUTION'S INNOVATION COUNCIL

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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. K. BALAJI, studying III B.Tech in ECE, has secured 1st place in the Project Expo titled Arduino based Automatic water tap using ultrasonic sensor held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR C KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

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INSTITUTION'S INNOVATION COUNCIL

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. S. VISHNUVARDHAN REDDY, studying III B.Tech in ECE, has secured 1st place in the Project Expo titled Arduino based Automatic water tap using ultrasonic sensor held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C. KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

INSTITUTION'S INNOVATION COUNCIL

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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. SATHRAM KARUN, studying III B.Tech in ECE, has secured 1st place in the Project Expo titled Arduino Based Automatic water tap using ultrasonic sensor held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C. KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

(AUTONOMOUS)
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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. S. Lavanya, studying III B.Tech in ECE, has secured 3rd place in the Project Expo titled Womens Safety Device, held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C. KAVITHA	DR. M. SARVANAN	DR.N.VENKATACHALAPATHI
HOD - ECE	DEAN ACADEMICS	PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

INSTITUTION'S INNOVATION COUNCIL

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. V. Pooja, III B.Tech in ECE, has secured 3rd place in the Project Expo titled Women Safety Device, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor, held on 18 Oct 2024.

DR. C. KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR N.VENKATACHALAPATHI
PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

INSTITUTION'S INNOVATION COUNCIL

> CERTIFICATE OF MERIT <

This is to certify that Mr./Ms. ____R. DONIKA_____, studying ___III____ B.Tech in ECE, has secured ____3rd_____ place in the Project Expo titled _Women Safety Device_____, held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C. KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

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INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

> CERTIFICATE OF MERIT <

This is to certify that Mr./Ms. ____P. NANDHINI_____, studying ____III____ B.Tech in ECE, has secured ___3rd_____ place in the Project Expo titled __Womens Safety Device_____, held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

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MURAKAMBATTU, CHITTOOR-517127, ANDHARA PRADESH

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. N.HEMANTH, studying III B.Tech in ECE, has secured 2nd place in the Project Expo titled Rain detector with Clothes shelter, held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C KAVITHA
HOD - ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL

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INSTITUTION'S INNOVATION COUNCIL

> CERTIFICATE OF MERIT <

This is to certify that Mr./Ms. P. ABINAYA, studying II B.Tech in ECE, has secured 2nd place in the Project Expo titled Rain Detector with Clothes Shelter, held on 18 Oct 2024, jointly organized by the Department of ECE and Institution's Innovation Council (IIC), at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor.

DR. C KAVITHA
HOD ECE

DR. M. SARVANAN
DEAN ACADEMICS

DR.N.VENKATACHALAPATHI
PRINCIPAL