



SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY- TUMAKURU
(A constituent College of Siddhartha Academy of Higher Education, Tumakuru)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Vision

Mould quality technocrats in the field of Electronics and Communication with human values to cater the societal needs

Mission

- To impart high-quality academic environment.
- To provide training in new tools and technologies.
- To facilitate continuous learning and research environment.
- To inculcate professionalism with ethical values, with little impact on environment.

Program Educational Objectives:

- PEO-1: Proficient to apply the knowledge gained in mathematics, science and engineering to the field of electronics and communication engineering for the synthesis and analysis of systems
- PEO-2: Competent to pursue higher studies and research, with effective communication
- PEO-3: Aware of new technologies in the domain field, apply the same for the societal requirement minimizing the impact on environment and ethical practices in their domain

Program Outcomes:

Engineering Graduates will be able to

- PO 1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO 2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO 3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO 4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- PO 7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO 10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO 11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO 12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

- The ability to identify, analyze and design systems related to modern engineering hardware and software tools, in Electronics and Communication Engineering in the areas of electronics, communication, image processing, VLSI, signal processing and embedded systems for solving day to day problems.
- Impact the awareness about the impact of professional engineering solutions in societal and environmental context, professional ethics and be able to communicate effectively.

[view next relevant section](#)

Department: ECE

Semester: **VIII**

Subject Name: **INTELLECTUAL PROPERTY RIGHTS**

Subject Code: 18EC8PE24

L-T-P-C:3-0-0-3

(39 Hours)

Course Objectives:

Sl.No	Course Objectives
1	The course has been introduced to make the student be aware about the concepts of Intellectual property rights so as to introduce fundamental aspects of Intellectual property
2	Rights to students who are going to play a major role in development and management of innovative projects in industries.
3	To disseminate knowledge on patents, patent regime in India and abroad and registration aspects.

Course Outcomes:

After studying this course, students will be able to:	
CO1	Identify and Obtain Knowledge on patent and copyright(L1)
CO2	Recognize Career information in patent documents. (L2)
CO3	Career option in R&D IP Counsel, Government Jobs, Patent Examiner and Entrepreneur(L4)
CO4	Anticipate and subject to critical analysis arguments relating to the development and reform of intellectual property right.(L3)

UNIT	Description	Hours
I	Basics Of Intellectual Property Rights: Introduction – to the need for intellectual property right (IPR) Kinds of Intellectual Property Rights: Patent, Copyright, Trade Mark, Design, Geographical Indication, Plant Varieties and Layout Design -Genetic Resources and Traditional Knowledge - Trade Secret IPR in India : Genesis and development –IPR in abroad – Major International Instruments concerning Intellectual Property Rights: Paris Convention, 1883, the Berne Convention, 1886, the Universal Copyright Convention, 1952, the WIPO Convention, 1967,the Patent Cooperation Treaty, 1970, the TRIPS Agreement, 1994 Text1: Sec 1.1,1.2,1.3,1.4,1.5,1.6	8
II	Patents -Elements of Patentability: Novelty , Non Obviousness (Inventive Steps), Industrial Application - Non-Patentable Subject Matter - Registration Procedure, Rights and Duties of Patentee, Assignment and license , Restoration of lapsed Patents, Surrender and Revocation of Patents, Infringement, Remedies & Penalties -Patent office and Appellate Board. Text1: Sec 2.1,2.2,2.3,2.4,2.5,2.6,2.7	7

[view next relevant section](#)

III	Copyrights: Nature of Copyright - Subject matter of copyright: original literary, dramatic, musical, artistic works; cinematograph films and sound recordings - Registration Procedure, Term of protection, Ownership of copyright, Assignment and license of copyright - Infringement, Remedies & Penalties – Related Rights - Distinction between related rights and copyrights. Text1: Sec 3.1,3.2,3.3,3.4,3.5,3.6,3.7,3.8	8
IV	Trademarks: Concept of Trademarks Different kinds of marks (brand names, logos, signatures, symbols, well known marks, certification marks and service marks) -Non Registrable Trademarks -Registration of Trademarks - Rights of holder and assignment and Licensing of marks-Infringement, Remedies & Penalties -Trademarks registry and appellate board. Text1: Sec 4.1,4.2,4.3,4.4,4.5,4.6	8
V	Other Forms Of IP: Design: meaning and concept of novel and original - Procedure for registration, effect of registration and term of protection, Geographical Indication (GI) Geographical indication: meaning, and difference between GI and trademarks -Procedure for registration, effect of registration and term of protection, Plant Variety Protection : Plant variety protection: meaning and benefit sharing and farmers' rights –Procedure for registration, effect of registration and term of protection Layout Design Protection. Layout Design protection: meaning –Procedure for registration, effect of registration and term of protection. Text1: Sec 5.1,5.2,5.3,6.1,6.2,6.3	8

Text Books:

Sl No	Author	Text Book title	Publisher	Volume / Issue	Year of Edition
1	Nithyananda, K V Cengage ISBN	Cengage Intellectual Property Rights: Protection and Management. India	Learning India Pvt. Ltd.	Vol.1	1st Edition 2019
2	Dr. M. K. Bhandari Central Law	Publication's Law Relating to Intellectual Property	RightsCentral Law	Vol 5.	Publications 5th Edition 2017

Reference Book:

Sl No	Author	Text Book title	Publisher	Volume / Issue	Year of Edition
1	Neeraj P. & Khusdeep	D Intellectual Property Rights India	IN: PHI learning Private Limited	Vol.3	2014, 3 rd Edition
2	H S Chawla	Introduction to Intellectual Property Rights	EBook	EBook	2018
3	Srinivasulu	Law relating to Intellectual Property Rights	EBook	EBook	2011
4	Rodney D Ryder	Intellectual Property and business	SAGE	Vol. 3	3rd Edition 2017

**SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY
TUMKUR**

**DEPARTMENT OF INDUSTRIAL ENGINEERING AND
MANAGEMENT**

VIII SEM

SL NO	CODE	NAME OF THE SUBJECT	L	T	P	S	C
1.	IM8T01	FINANCIAL MANAGEMENT & COSTING	3	2	0	0	4
2.	IM8T02	SUPPLY CHAIN & LOGISTICS MANAGEMENT	3	2	0	0	4
3.	IM8PE31X	PROFESSIONAL ELECTIVE - IV	3	0	0	0	3
4.	IM8PE41X	PROFESSIONAL ELECTIVE - V	3	0	0	0	3
5.	IM8TS01	TECHNICAL SEMINAR	0	2	0	1	1
6.	IM8PW01	PROJECT WORK (PHASE - II)	2	4	12	2	10
TOTAL contact hour			14	10	12	3	25

PROFESSIONAL ELECTIVE - IV

1. IM8PE311 ADVANCED OPERATION RESEARCH
2. IM8PE312 PROJECT MANAGEMENT
3. IM8PE313 DESIGN OF EXPERIEMENTS
4. IM8PE314 TOTAL QUALITY MANAGEMENT
5. IM8PE315 FINITE ELEMENT METHODS

PROFESSIONAL ELECTIVE - V

1. **IM8PE411** **INTELLECTUAL PROPERTY RIGHTS**
2. IM8PE412 TECHNOLOGY MANAGEMENT
3. IM8PE413 DESIGN AND DEVELOPMENT OF ENTERPRISE
4. IM8PE414 WORLD CLASS MANUFACTURING
5. IM8PE415 ORGANIZATIONAL BEHAVIOUR

[view next relevant section](#)

3. Concepts & applications of FEA - Robert Cook et,al Jonh willey& sons -2002.
4. Finite element analysis Chandrupatla - University press - 2002.
5. Theory and Practice of Finite elements - Alexandre ERN - I K International Publishing house Pvt. Ltd 2004.

INTELLECTUAL PROPERTY RIGHTS

[Home](#)

LT PSC
3-0-0-0 -3

Course Code: IM8PE411

Course objectives

1. To understand the basic concepts of IP and its associated rights, forms of IP.
2. To get insight into the importance of innovation and its applicability in serving society.
3. To get awareness about the protections given to the mental labor put forth by individuals in various forms of IP.
4. To know about the basic legal aspects of IP

UNIT I

08 Hrs

Basic principles of IP laws: Introduction, History, Concept of property, Constitutional aspects of IP, Evolution of the patent system in UK, US and India, Basis for protection, Invention, Criteria for patentability, Non patentable inventions.

Patents: Introduction, Origin and meaning of the term patent, Objective of a patent law, The legislative provisions regulating patents, principles underlying the patent law in India, patentable invention.

UNIT II

08 Hrs

Procedure for obtaining patent: Submission of application, Filing provisional and complete specification, Examination of the application, advertisement of the acceptance, opposition, Grant and sealing of patent, Term of the patent, Compulsory license.

Rights conferred on a patentee: Patent rights, Exception and limitations, Duties of a Patentee.

UNIT III

08 Hrs

Transfer of patent: Forms of transfer of Patent rights, Assignment, kinds of assignment, License, kinds of license, Rights conferred on a licensee, Transmission of patent by operation of law.

Infringement of patents: Construction of claims and infringement, patents held to be infringed, patents held to be not infringed, patent agents, patent drafting, database searching, case studies.

UNIT IV

08 Hrs

Copy Right: Meaning and characteristics of copy right, Indian copy right law, requirement of copy right, Illustrations copy right in literary work, Musical work, Artistic work, work of architecture, Cinematograph film, sound recording.

Author and Ownership of copy right: Ownership of copy right, Contract of service, Contract for service, rights conferred by copy right, terms of copy right, license of copy right.

UNIT V

07 Hrs

Trade Marks: Introduction, Statutory authorities, procedure of registration of trade marks, rights conferred by registration of trade marks, licensing in trade mark, infringement of trade mark and action against infringement.

Industrial Design: Introduction, procedure of registration of a design, Piracy of a registered design, Case studies.

Course Outcomes

- CO1. Identify the importance of IPR in the Society.
- CO2. Innovate & apply for patents in his/her area of interest.
- CO3. Apply for copyrights for the novel work executed.
- CO4. Understands the concepts of trademarks and industrial design

Text Books

1. Dr. T Ramakrishna -Basic principles and acquisition of Intellectual Property Rights, CIPRA, NSLIU -2005.
2. Dr.B.L.Wadhera -Intellectual Property Law Handbook, Universal Law Publishing Co. Ltd.. 2002.

Reference Books

1. Dr. T Ramakrishna -Ownership and Enforcement of Intellectual Property Rights, CIPRA, NSLIU -2005.
2. Intellectual Property Law (Bare Act with short comments) - Universal Law Publishing Co. Ltd.. 2007.
3. The Trade marks Act 1999 (Bare Act with short comments) - Universal Law Publishing Co. Ltd.. 2005.
4. The Patents Act, 1970 (Bare Act with short comments) - as amended by Patents (Amendment) Rules 2006 w.e.f. 5-5-2006. Commercial law publishers (India) Pvt. Ltd., 2006.
5. Thomas T Gordon and Arthur S Cookfair -Patent Fundamentals for Scientist and Engineers, CRC Press 1995.
6. Prabuddha Ganguli -Intellectual Property Rights, TMH Publishing Co. Ltd..2001

IPR Awareness Programme

(Under National Intellectual Property Awareness Mission (NIPAM), Govt. of India)

[Home](#)

Organized by



Sri Siddhartha Academy of Higher Education Deemed-to-be-University

Established under Section 3 of the UGC Act, 1956
MHRD, GOI No. F.9-31/2006-U.3 (A) Dtd. 30th May 2008

Agalakote, B.H. Road, Tumkur – 572107, Karnataka, India

In collaboration with

Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Government of India
PATENT OFFICE
Intellectual Property Building
G.S.T Road, Guindy, Chennai – 600 032

On

Saturday the 30th July, 2022



Sri Siddhartha Academy of Higher Education
Deemed to be University, Tumkur



IPR AWARENESS PROGRAMME

(Under National Intellectual Property Awareness Mission, Govt. of India)

**All Faculty, Research Scholars and Students are
requested to register for the programme**

Offline Mode

Date: Saturday 30th, July 2022 **Time:** 10.00 a.m to 11.00 a.m

Venue: A.V. Hall SSDC, Tumkur

Online Mode

Date and Link will be informed later

Registration **Link is common** for both modes
Please **register before 9.00 am 30th July 2022**

**Participation Certificate will be provided to all registered
participants under NIPAM, Government of India**

Registration Link:

<https://forms.gle/qawGDcdkpBffHM1X8>



REPORT

Sri Siddhartha Academy of Higher Education organized IPR Awareness Programme (Under National Intellectual Property Awareness Mission (NIPAM), Govt. of India) on 30th July, 2020 at A.V Hall , Sri Siddhartha Dental College, Agalakote, B.H. Road, Tumkur, Karnataka.

Mr. Manju Gangwar, Examiner of Patents and Designs, Patent Office, Chennai, Ministry of Commerce and Industry, Government of India was the resource person of the programme. Participants were introduced to the vision and mission of NIPAM.

Information regarding, different intellectual property like,, Patents , Designs , Trade Marks and Geographical indications were provided.

Participants were also oriented towards the process for applying to Patents, Designs & Trade Marks.

Total of 350 participants (200 faculty members and 150 research scholars and students) from the constituent colleges of SSAHE viz., Sri Siddhartha Medical College, Sri Siddhartha Dental College & Sri Siddhartha Institute of Technology, had registered for the programme

Registered participants were issued e-certificates by National Intellectual Property Awareness Mission, Government of India.

In recognition of active participation in the NIPAM, Govt. of India, a Certificate of Appreciation has been presented to Sri Siddhartha Academy of Higher Education (SSAHE).





Agalakote, B.H. Road, 83V4+V3W, Tumakuru, Karnataka
572107, India

Latitude
13.344776666666666°

Longitude
77.055338333333334°

Local 10:33:01 AM
GMT 05:03:01 AM

Altitude 815.1 meters
Saturday, 30-07-2022



83V4+HHH, Hanumanthapura, Karnataka 572107, India

Latitude
13.3438001°

Longitude
77.0562664°

Local 11:28:07 AM
GMT 05:58:07 AM

Altitude 0 meters
Saturday, 30-07-2022



83V4+HHH, Hanumanthapura, Karnataka 572107, India

Latitude
13.3438001°

Longitude
77.0562664°

Local 11:29:53 AM
GMT 05:59:53 AM

Altitude 0 meters
Saturday, 30-07-2022





Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION

In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **July 30, 2022** in association with **Intellectual Property Office, Chennai** by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.

Date: August 01, 2022



(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

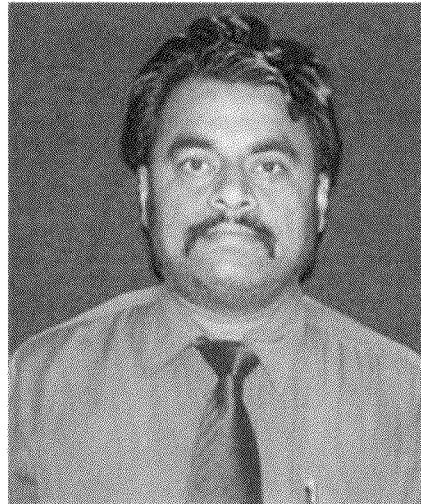
AICTE Sponsored Faculty Development Programme on “Entrepreneurship and Innovation”

AICTE-SSIT-FDP-EAI2021

DAY-10



Topics Personal Management: IPR



Dr. Ravikiran

Associate Professor, Dept. of IEM



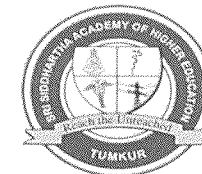
AICTE Sponsored Two-Weeks Faculty Development Programme on “Entrepreneurship and Innovation”

31st March- 12th April 2021

Organized By

Department of Electrical & Electronics Engineering
SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY

31st MARCH-21 to 14th APRIL 2021



FDP Schedule

Day	Date	Session – 1 10:00am - 11:15am	Session - 2 11:30am - 12:45pm	Session - 3 2:00pm-3:15pm	Session – 4 3:30pm to 4:45pm
1	31/03/2021 Wednesday	Inauguration & Programme Objectives: Expectations from trainees, Final Goal, Programme Brief	Success story of an Entrepreneur	Creativity and Innovation	Technology based Entrepreneurship
		Chief guest Guest of honor	Dr. M S Rajendra kumar Prof. and Head Dept. of Mechanical Engineering Atria, Bengaluru	Dr. L Sanjeev Kumar Prof. and Head, Dept. of E&EE SSIT, Tumakuru	Dr. L Sanjeev Kumar Prof. and Head, Dept. of E&EE SSIT, Tumakuru
2	01/04/2021 Thursday	Soft Skill Development: Communication, Information Seeking	Soft Skill Development: Communication, Information Seeking	Business Opportunities identification: Criteria of selection & Sources of Information	Conduction of Market Survey: Tools, Techniques and Guidelines
		Mrs. Srividya Nagaraju, Learning Facilitator, Corporate Leadership Trainer and Mentor, Guest Faculty, IIM-B		Mr. Ismail Chalil Learning Consultant, Soft skill Trainer, Bengaluru	
3	2/04/2021 Friday	Briefing for the Market Survey: Questionnaire Preparation	Feedback, Discussion on Market Survey & evaluating PPRs	Business goal Setting	Negotiation
		Mr. Ismail Chalil Learning Consultant, Soft skill Trainer, Bengaluru		Mrs. Srividya Nagaraju, Learning Facilitator, Corporate Leadership Trainer and Mentor, Guest Faculty, IIM-B	

4	3/04/2021 Saturday	Developing Entrepreneurial Competencies	Developing Entrepreneurial Competencies	Innovative Approach towards Entrepreneurship	Kinds of Entrepreneurship and ground breaking Digital Marketing
		Mr. Subramanya Desai Founder / Director Nsynthesis India P Limited Bengaluru	Mr. Subramanya Desai Founder / Director Longmiler India Pvt. Limited Bengaluru	Mr. Tejasvi Pavate Corporate Trainer, Mentor, Writer Project Manager Dell-Technologies	
5	4/04/2021 Sunday	Preparation of Detailed Business Plan	Business plan: Cost of Project and means of finance	Need and importance of financial management	Stress Management for an Entrepreneur
		Mr. Sharath Chandra Consultant, Tumakuru	Mr. Sharath Chandra Consultant , Tumakuru	Mr. Shivanada Managing Director DB Sons, Tumakuru	Dr. Padmakshi Lokesh, Clinical Psychologist Tumakuru
6	5/04/2021 Monday	Schemes of Assistance for MSMEs: Financial Agencies / Institutions	Schemes of Assistance for MSMEs: NSIC, SIDBI, DIC and Other Support Agencies	Schemes of Assistance by NSIC	Working capital Management & Purchase Techniques
		Mr. Ganagadara Swamy AGM, KSFC	Mrs. Mamatha, AGM, KSFC	M Sreevatsan General Manager NSIC, Bengaluru	Rudra Swamy Manager (BD), NSIC, Bengaluru
7	6/04/2021 Tuesday	Entrepreneurship in Grain Technology		Entrepreneurship in Food Grain Processing	
		Mr. Srinivas, Central Food Technological Research Institute (CFTRI), Mysore		Mr. Srinivas, Central Food Technological Research Institute (CFTRI), Mysore	
8	7/04/2021 Wednesday	Industry visit to Earthens and Bioneds			
9	8/04/2021 Thursday	Schemes of Assistance for MSMEs	Schemes of Assistance for MSMEs	Legal formalities for Loan Disbursements	Financial supports from bank
		Mr. R Gopinath Rao IEDS, Deputy Director MSME-Development Institute, Bengaluru	Mr. R Gopinath Rao IEDS, Deputy Director MSME-Development Institute, Bengaluru	Mr. Vinay Sr. Manager KGB, Reginal Office, Tumakuru	Jyothi Ganesh V S Chief Manager State Bank of India, Tumakuru

10	9/04/2021 Friday	Personal Management: IPR and its managements	Pattern, Copy rights, Trade mark and Industrial management	Business plan Presentation	Case study of enterprise under Govt. Schemes
		Mr. Dinesh J CA, Dinesh J & Associates Bengaluru	Mr. Dinesh J CA, Dinesh J & Associates Bengaluru	Praveen kumar C Coordinator ED-Cell, SSIT Tumakuru	Praveen kumar C Coordinator ED- Cell, SSIT Tumakuru
11	10/04/2021 Saturday	Bio- Fuel is an area for Entrepreneurs	Small inventory products for Entrepreneurs	Human Resource Management	Leadership Modes
		Dr. Chidanada Gavimath Special Officer, ED-Cell, VTU, Belagum	Dr. Chidanada Gavimath Special Officer, ED-Cell, VTU, Belagum	Dr. Prasanna kumar T M Prof. and Head Department of MBA PESITM, Shivamoga	Dr. Prasanna kumar T M Prof. and Head Department of MBA PESITM, Shivamoga
12	11/04/2021 Sunday	Importance of Technology and knowledge-based entrepreneurship	Project report preparation by participants	Project report preparation by participants	Interfacing with Leading Institutions for Business Plan Appraisal
		Dr. L Sanjeev Kumar Prof. and Head, Dept. of E&EE, SSIT, Tumakuru	Coordinators	Coordinators	Mrs. Tejaswini Development officer DIC, Tumakuru
13th	12/04/2021 Monday	Individual project proposal evaluation of candidates	Project proposal correction	Feedback and action plan presentation	Valedictory
		Coordinators	Coordinators	Coordinators	Guests

Mr. Praveen kumar C
CO-Coordinator
9480326480

Dr. L Sanjeev Kumar
Coordinator
9845040167

Report on Innovation cell and Entrepreneurship at SSIT, Tumakuru

Sri Siddhartha institute of Technology Tumakuru encourages the Innovative activity by the students in the form of Project preparation and presentation to the external world. In this connection a student club “VARSITY CIRCLE” is formed under the leadership of Dr.L.Sanjeev Kumar, Professor and Head Department of Electrical and Electronics Engineering also the Director STEP-SSIT. A separate place is identified for the work need to carryout for the development of innovative activity by the students. The necessary help for the students is provided for the activity. Students are encouraged to participate in the different competition financial support is also provided for the students to attend the innovative Project competition in the country. College also conducts State Level Project Exhibition “TECHNODEA” every year in association with STEP-SSIT.



Adichunchanagiri Trust

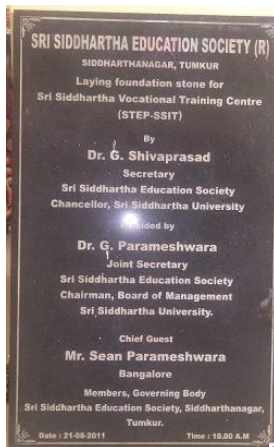
Sri Siddhartha Institute of Technology





SSIT has established Skill development center “Sri Siddhartha Vocational Training Centre” in collaboration of Department of Industries and Commerce and STEP-SSIT which help the student and public to upgrade their skills in different skills. The skills up gradation provided are as follows:

1. Repair and Maintenance of Air Conditioner.
2. Repair and Maintenance of Refrigeration system.
3. Repair and Maintenance of Electrical Equipment.
4. Repair and Maintenance of Electronics Equipment.
5. Basic Computer Skills.
6. CNC Machines Operation and Programming.
7. Computer Aided Drawing.



Technodea 2019 - State level project Exhibition and Competition

List of Innovative projects

- Department of EEE has established a Tech Exhibit Hall to exhibit the innovative projects done by the students of EEE.
- Solar powered forest fire detection and mitigation
(Secured 2nd position in National Level “Design Your Destiny” competition organized By CADD centre and received US \$ 400 cash prize and citation)
- Solar based water pumping using BLDC motor
- Hybrid power generation system
- Solar powered auto irrigation with smart fencing system
- IOT based smart agricultural automation system
- Design, Implementation and Comparative Analysis of Area Efficient Adder Architectures using m-GDI technique
- Classification and detection of oil spills using artificial neural network
- Eye movement and voice based system to control
- SOLAR POWERED AUTOMATIC GRASS CUTTER
- Wi-Fi control disaster management in mining and natural calamities
- Tool life monitoring using programmable logic controllers
- PERFORMANCE ASSESMENT OF FLY ASH AGGREGATE IN CONCRETE
- Mini Cultivating Bike
- Sky Line Drone
- PROGRESSIVE COLLAPSE RESISTANCE OF RCC FLAT SLAB BUILDING

2:30 PM

4G 19%

← Posts



Dr G Parameshwara



3 mins • 🌐

ನಮ್ಮ ಶ್ರೀ ಸಿದ್ದಾರ್ಥ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನೋಲೊಜಿ
ವಿದ್ಯಾರ್ಥಿ ನರಸಿಂಗ ರಾವ್ ಕೆ ವಿನೂತನ ಸೋಲಾರ್
ಬ್ಯಾಗ್ ಕಂಡುಹಿಡಿದಿದ್ದರೆ ,ಈ ವಿದ್ಯಾರ್ಥಿಗೆ ನಮ್ಮ ಸಂಸ್ಥೆಯ
ಪರವಾಗಿ ಶುಭಾಶಯಗಳು...

ಇದರ ವಿಶೇಷತೆ ಮೊಬೈಲ್ ಲ್ಯಾಪ್ಟಾಪ್ ಹೀಗೆ ಅನೇಕ
ವಸ್ತುಗಳನ್ನು ಚಾರ್ಜ್ ಮಾಡಿಕೊಳ್ಳಬಹುದು.. Pic with Dr
Sanjeev Kumar

For solar bag more details 9538289492

#Darshan_H_D



Write a comment...







TECHNODEA-19
5th STATE LEVEL PROJECT
EXHIBITION
26&27th APRIL 2019

Second position in “Design your Destiny” 2019 Academic Project Competition organized by CADD Center



EEE students receiving US \$400 cash prize