

SRI SIDDHARTHA DENTAL COLLEGE AND HOSPITAL

AGALAKOTE, B.H.ROAD, TUMKUR-572107, KARNATAKA.

Recognized by Dental Council of India, NEW DELHI

A Constituent College of Sri Siddhartha Academy of Higher Education (Deemed-to-be-university) Accredited 'A' Grade by NAAC

Phone No: / Fax No: 0816-2275536 Web: www.ssdcetumkur.org Email: ssdcetumkur@gmail.com

DEPARTMENT OF PROSTHODONTICS INCLUDING CROWN AND BRIDGE

REPORT ON CDE PROGRAM

DATE: 23/08/2017

The Department of Prosthodontics and Department of Orthodontics, Sri Siddhartha Dental College, Tumkur under the guidance of Academy of Continuing Education Programme had organized a CDE titled “ **Ora Facial comprehensive treatment plan for the present & future**”- **Clinical excellence – XVIII**, on 23rd August 2017.

Around 97 delegates had registered for the programme. The programme commenced with the invocation song, followed by lighting of lamp by the dignitaries. The gathering was addressed by our principal Dr. K.R. Kashinath. The scientific session started with Dr.Madhusudan introducing the first speaker **Dr.Anirban chatterji**, Professor & head of Department of Periodontics, Oxford Dental College who delivered a lecture on **PRP FOR DIABETIC GUM ULCERS**. Dr.Ravikumar gave the momento to the guest speaker. There was a tea break for 15 mins.

The second speaker for the day **Dr. Chaitanayababu**, Professor & HOD, department of Oral pathology, Oxford Dental college was introduced to the audience by Dr. Naveen BH. He gave a lecture on **HERBAL MOUTH WASH**, DrVenugopal gave the momento.

The third speaker for the day **Dr. Spoorthi**, Professor, Department of Periodontics, KLE Dental college, was introduced to the audience by Dr. Shylesh Kumar. She gave a lecture on **SUPERCELL & GLUE IN FLAP SURGERIES.**, Dr. Naveen BH gave the momento.

Lunch was followed by the fourth speaker, **Dr.Praveen**, Reader, Department of Periodontics, Oxford Dental College, was introduced to the audience by Dr. Kalavathi. He gave a lecture on **DENTAL PULP STEM CELLS**. Dr.Sridharan gave the momento.

After guest lecture, **PRFM live Demonstration &HANDSON – by Dr. AnibaranChatterji**.

The programme concluded with the vote of thanks by Dr.Sridharan K.

Kalavathi S.D.

HOD & Professor
Department of Prosthodontics
PROF., & H.O.D
Department of Prosthodontics
Crown and Bridge
SRI SIDDHARTHA DENTAL COLLEGE
AGALAKOTE, B. H. ROAD, TUMKUR-572107

K.R. Kashinath

Principal
SSDC
Principal
Sri Siddhartha Dental College
Agalakote, B.H.Road, Tumkur-572107

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DEPARTMENT OF PERIODONTICS

Report of CDE Program,

Sri Siddhartha Dental College, under the aegis of SSHAE in association with academy of Continuing Education Program and Curaden had organized a CDE titled **Clinical ExcellenceXIX "REACH THE UNREACHED"**, on 30th July 2018.

73 delegates had registered for the lecture of which 30 delegates had registered for lecture and hands on. The program commenced with invocation song by intern Dr.Hamsa, followed by lighting of the lamp by the dignitaries.

The scientific session started with introduction the delegates followed by introduction of the Curaden company by Mr.Tino Brantschen. The speaker Catherine Schubert Chung then delivered a lecture on biofilm complexity, criteria for choosing right tools for optimal oral hygiene. After the completion of the lecture, speaker was felicitated with a token of appreciation by Dr.Sanjay Venugopal.

The vote of thanks was rendered by Dr.Sanjay Venugopal. The morning session concluded with National anthem. Hands on session was held in two batches.

Hands on session for the first batch (Touch to teach) on brushing, flossing and use of interdental aid was held in the morning. Then it was followed by lunch. In the afternoon session there was demonstration and hands on course for the second batch. The programme concluded with distribution of certificates for the participants by the Curaden company.



PROF., & H.O.D.
Dept., Of Periodontics
Sri Siddhartha Dental College
Agalakote, B.H. Road, Tumkur - 572107



Chairperson, IQAC,
Sri Siddhartha Dental College,
TUMKUR.



SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY

(A Constituent College of Sri Siddhartha Academy of Higher Education, Tumakuru)
KUNIGAL ROAD, MARALURU, TUMAKURU-572105



Department of Telecommunication Engineering

Report of the Faculty Development Programme

“Covert Communication

10th -12th September 2018

A faculty development programme was organized from 10th to 12th September, 2018 at Institute of SSIT on the above mentioned topic. This was a three day Faculty Development Programme where various related subtopics were discussed in detail by eminent educationists and a very beneficial academic environment was experienced by the participants.

The FDP was started on 10th September, 2018 with the Lamp Lightening ceremony followed by Saraswati Vandana. The dignitaries were welcomed by the HOD dept. of TCE.

Outcome: The participants have acquired knowledge of the different aspects of designing, planning and delivering quality e-content for teaching-learning and also about the appropriate developmental tools needed to develop e-model using text, images, audio and video.

These sessions included various topics in the domain of covert communication, steganography, with the usage of technology, which gave insight to participants of various methodologies used and evolved and the lecture, was very beneficial and provided an insight on the various challenges associated with the topic.

A concluding session followed after the tea break in which participants shared their experiences. Most of them talked about their enriching experience at the FDP and gave the vote of thanks and concluded the three days faculty development programme.

**Professor & Head
Department of Electronics and
Telecommunication Engineering
S.S.I.T., TUMAKURU.**



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Department of Electronics and Telecommunication Engineering

**Five days' Faculty Development program on
Artificial Intelligence and Machine Learning for Industry 4.0
(1st - 5th June 2021)**

The faculty development programme started on 1st June 2021 at 10.00am with Saraswathi Vandana. This was a five day faculty development programme from 1st – 5th June 2021. The dignitaries on the stage were Dr. M.Z Kurian, Registrar; Dr. M.S Raviprakash, Principal; Dr.M.Siddappa, Dean; Dr. LakshmiKanth.S, Chief Guest and Dr. K. B Shivakumar, HOD, E&TE Dept.

Welcome speech for the FDP was given by Dr. K.B Shivakumar, which was followed by lighting the lamp by dignitaries on the Dias. Thereafter Registrar, Chief Guest and Dean address the gathering respectively. Finally, Principal gave presidential speech followed by vote of thanks.

Two eminent experts were invited to share their wisdom and experience on the topic. There were 18 participants from different departments of the institution. For the first two days, the speaker was Dr. LakshmiKanth S. He shared his valuable insights on the topic and motivated the audience for their active participation. For the next three days, the speaker was Dr. M.N Eshwarappa. He highlighted the importance and relevance of the topic in the current scenario. All the sessions were very informative and went on very well.

The FDP programme was concluded by valedictory, where some of the participants talked about their experience at the FDP. In the end Dr. K.B Shivakumar gave vote of thanks and concluded the five days FDP.

**Professor & Head
Department of Electronics and
Telecommunication Engineering
S.S.I.T., TUMAKURU.**



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Department of Electronics and Telecommunication Engineering

Five days' Faculty Development program on

MSP430 & its Applications

4-8th April 2022

Department of Electronics & Telecommunication Engineering, SSIT organized a Five days Faculty Development Programme (FDP) on "MSP430 & its Applications" from 4th to 8th April 2022

The FDP was started on 4th April 2022 with the Lamp Lightening ceremony followed by Saraswati Vandana. The dignitaries were welcomed by the HOD dept. of ETE.

DAY 1

Embedded Systems and role of TI platforms, Introduction to MSP430 series platforms: scope, application and tools in embedded ecosystem. Programming MSP430 using CCS, MSP430's Internal Architecture and Programmer's model, Enabling Low power modes and understanding Interrupt based programming techniques.

Various Configuration registers of in-built modules and their programming (GPIO,PWM, ADC)

- > Clock tree structure and its role.
- > Watchdog Timer Concept and Application.
- > GPIO Configuration.

DAY 3

Interfacing LCD display to MSP430, Timing based measurements using MSP430 timers, Pulse Width Modulation Concepts using Timers:

- > Led brightness control using PWM technique.
- > Servo motor interfacing.

ADC Programming:

- > Interfacing analog sensors.
- > Loop Back Testing of UART.
- > Bluetooth interfacing with MSP430.


Dr. G. SUMA
B.E.,M.Tech.,Ph.D.,MISTE,IEEE Member.
Professor & Head
Department of Electronics and
Telecommunication Engineering
S.S.I.T., TUMAKURU.

DAY 4

Serial Communication Interface: SPI ,UART

Master Slave communication with MSP430 launch pads.

SD Card Interfacing with MSP430.

DAY 5

Introduction to TI's Sensor Hub Booster Pack

Serial Communication Interface: I2C

> MPU9150 interfacing with MSP430 using BOOSTXL-SENSHUB.

Embedded Wi-Fi and Internet of things. Implementing Embedded Wi-Fi using CC3100 booster pack. Email Application

Case Study: Sending email from MSP430F5529 using CC3100 Booster Pack.



Dr. G. SUMA
B.E.,M.Tech.,Ph.D.,MISTE,IEEE Member.
Professor & Head
Department of Electronics and
Telecommunication Engineering
S.S.I.T., TUMAKURU.

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DEPARTMENT OF ORTHODONTICS

Report of CDE program

The Department of Prosthodontics and Orthodontics, Sri Siddhartha Dental College, Tumkur under the guidance of Academy of continuing education, had organized a CDE titled "**Current trends in Ortho-Prosthodontics**" Clinical excellence-XVIII, on 20th December 2019.

Around 97 delegates had registered for the program. The program commenced with invocation song followed by lightening of lamp by the dignitaries. The gathering was addressed. The scientific session was started with Dr. Ayushi introducing the first speaker Dr. Sanjay Gowda Patil, Professor and HOD, department of Prosthodontic, Hasanamba Dental College who delivered a lecture on "Nano technology in dental practice, Dr. Naveen B H gave the memento to the guest speaker. There was a tea break for 15 min.

The second speaker for the day Dr. Vijay Raghava, Professor, Department of Periodontics, Rajiv Gandhi Dental College was introduced to the audience by Dr. Mayank. He gave a lecture on "**Ortho-Perio Nexus: an integrated approach**", Dr. Prasanna gave the memento.

Lunch was followed by panel discussion –Ortho-Prosthodontics-Perio relation by Dr. Vijay Raghava, Dr. Aravinda Srinivas, and Dr Naveen.

The program was concluded with the vote of thanks by Dr. Sangeetha.



Signature of In charge staff

Prof. & H.O.D
Department of Orthodontics
Sri Siddhartha Dental College
Tumkur - 572107.



Signature of Principal

Principal
Sri Siddhartha Dental College
Agalakote, B.H.Road, Tumkur-572107



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Department of Computer Science & Engineering

Report On

On **“Android Application”**

workshop

Four days Workshop on **“Android Application”** was organized by department of Computer Science and Engg., SSIT Tumkur on 10/6/2019 to 13/6/2019.

The workshop was inaugurated by Pranav Viswanathan CEO Tetcos [P] Ltd., as chief guest and Presided by Dr M K Veeraiah Principal SSIT Tumkur

The Workshop was started by with a introduction of basic of android, The above topic was address by Dr M Siddappa Professor and Head Department of Computer Science and Engg.,

Day 1 10-06-2019

Java programming language and use of Java core libraries is discussed. Android introduction and its Overview and how to install android tool on the system.

Day 2 11-06-2019

Converting the program to android software development kit(SDK).

Day 3 12-06-2019

Publishing developed SDK through google(google playstore).

Day 4 13-06-2019

Developing android applications with hands on session(games, puzzles etc).

The workshop is concluded with Valedictory function with principal Dr M K Veeraiah as president and Narayan K A Protech Microsystem CEO as chief guest.

HOD
HEAD

Dept. of Computer Science & Engg.
S.S.I.T., TUMAKURU-572 105



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Department of Medical Electronics Engineering

5 days Faculty Development Programme on

“Application of LASER Technology in Medicine”

From 3/2/2020– 7/2/2020

Report on FDP

Day	Session 1	Session 2
Day 1 3/2/2020	Inauguration and Key note During Session I inauguration and key note address were completed where Dr.Abishake Appaji gave the key note address.	After the keynote address where Dr.Abishake Appaji spoke Fundamentals of LASER
Day 2 4/2/2020	During Session 1 Dr Shanthi K J spoke about Recent Trends in bio optics	Dr. Basavaraju A S explained about LASER in Ophthalmology
Day 3 5/2/2020	Dr. Manojith Pramanik discussed about LASER in Cardiology	Dr.C K Narayanappa gave a talk on LASER in Dermatology
Day 4 6/2/2020	Dr A P Manjunath presented a talk on Biological LASER	Dr. Bhanu prasahanth S discussed LASER in Gynecology
Day 5 7/2/2020	Dr. Sairam presented a talk on Application of LASER in Medicine	Valedictory

Prof. A. J.

Prof. and Head

Dept. Of Medical Electronics
Sri Siddhartha Institute of Technology,
Maralur, TUMKUR - 572 105



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Department of Medical Electronics Engineering Faculty Development Programme On Artificial Intelligence in Wireless Communication (9th – 13th March 2020)

Department of Telecommunication Engineering, SSIT organised a five days Faculty Development Programme (FDP) on “Artificial Intelligence in Wireless Communications” from 09-03-2020 to 13-03-2020.


The FDP was started on 9th March 2020 with the Lamp Lightening ceremony followed by Saraswati Vandana. The dignitaries were welcomed by the HOD dept. of TCE.

Outcome: The participants have acquired knowledge of the different aspects of Artificial Intelligence in wireless communication.

The resource persons dealt with the following areas: Artificial Intelligence Algorithms for Wireless Communications, Overview of AI & ML Mobile Networks, Error Analysis of Wireless Systems Practice Session, Mathematical Foundations of ML for Signal Processing and Communication, Regression, Classification and its Applications.

The resource persons conducted extensive theoretical and practical sessions on Artificial Intelligence Algorithms for wireless Communications and they also introduced AI Solutions in Wireless Communications. They also introduced AI for Antenna Design and Analysis.

A concluding session followed after the tea break in which participants shared their experiences. Most of them talked about their enriching experience at the FDP and gave the vote of thanks and concluded the five days faculty development programme.


Prof. and Head
Dept. Of Medical Electronics
Sri Siddhartha Institute of Technology
Maraluru, TUMAKURU - 572 105



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Department of Medical Electronics Engineering

5 days Faculty Development Programme on

“Techniques of Bio-Signals Analysis and its Application”

From 7/10/2019 – 11/10/2019

Report on FDP

Day	Session 1	Session 2
Day 1 7/10/2019	Inauguration and Key note During Session I inauguration and key note address were completed where Dr. Sathish Jadhav gave the key note address.	After the keynote address where Dr. Sathish Jadhav spoke Recent Trends in bio medical signal processing are discussed.
Day 2 8/10/2019	During Session 1 Dr. Bhanu prasahanth S spoke about Biomedical signal processing in medicine and give a brief note on innovative ideas on Biomedical Signal Processes	Dr.C K Narayanappa explained about Recent Trends in Bio signals and its application.
Day 3 9/10/2019	Dr A P Manjunath discussed about uses of Use biosignals and how bio signals are used in MRI	Dr. Phaneendra K Yalavarthy gave a talk on Analysis of Bio signals
Day 4 10/10/2019	Dr. Manojith Pramanik presented a talk on Analysis of bio signals in various application.	Dr. Babu K S discussed detection, processing and analysis of biosignals
Day 5 11/10/2019	Dr. Sairam presented a talk on Latest Advances in bio signals.	Valedictory

Raj. A. S

Prof. and Head

Dept. Of Medical Electronics
Sri Siddhartha Institute of Technology
Maralur, TUMKUR - 572 105

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CDE REPORT

DEPARTMENT OF PEDODONTICS

A CDE Programme entitled "CLINICAL EXCELLENCE-XIX RESEARCH IN DENTAL SCIENCES" was conducted on 11th March 2020 between 9:30 am to 4:00pm at SSDC, Tumkur by the department of Pedodontics and Preventive dentistry. The programme was conducted by two external speakers and one internal speaker who gave an insight regarding the topic. The program was eventful with active participation of 80 members who were awarded credit points from KSDC along with the certificate of attendance . The event also included a brief session on "THE KEY TO SUCCESS AFTER BDS" for interns with a total participation of 38 students who also received the certificate of participation. Kindly find the attached documents for CDE programme.

HOD

Department of pedodontics

Principal

SSDC, Tumkur

Chairperson, IQAC,
Sri Siddhartha Dental College
TUMKUR.



SRI SIDDHARTHA MEDICAL COLLEGE

A Constituent college of Sri Siddhartha Academy of Higher Education, Tumkur)
AGALKOTE, TUMKUR – 572107 (KARNATAKA)



Date:30-05-2019

CME PROGRAMME

on

Bowel Diseases-IBD & IBS

Organized by

Department of General Surgery

Sri Siddhartha Medical College & Hospital,
Tumkur, Karnataka

(A Constituent College of Sri Siddhartha Academy of Higher Education, Declared as
Deemed to be University U/s 3 of the UGC, Act, 1956. Tumkur, Karnataka)


On Tuesday, 30th May 2019 from 9 AM-1 PM

A REPORT

Department of General Surgery had organized CME on Bowel disease-IBD & IBS on Thursday, 30th May 2019 from 9 am-1 p.m. Programme was inaugurated by Dr.M.Z.Kurian, Registrar, SSAHE who spoke on importance of CME workshops and assured of supporting many more CME'S in the campus. Dr.A.G.Srinivasamurthy, Principal, Dr. Kodandaswamy, Medical Superintendent of Siddhartha Medical College Hospital, Dr.GN.Prabhakara, Vice Principal, Dr. GM. Shivkumarappa, controller of Examinations of SSAHF were present on the occasion and graced the programme by lighting the lamp.

Eminent speakers were Dr. Umesh Jalihal, Medical Gastroenterologist from Karnataka Gastro Centre, Bangalore spoke on Medical Management of IBD. Dr.Abhijit BR, Consultant Gastroenterologist from Karnataka Gastro Centre, Bangalore spoke on diagnosis of IBD. Dr. Lokesh LV. Assistant Profesor from M.S Ramaiah Medical College spoke on approach to chronic diarrhea.Dr.P.BalakrishnaShetty, Vice Chancellor, SSAHE spoke on role of radiologist in IBD. Dr. Ramesh S.T., Professor, SSMC spoke on role of pathologist in IBD. Dr.Lokesh M.R., Assistant Professor, SSMC, Tumkur spoke on medical management of IBS. Dr.Nagabushan, Surgical Gastroenterologist from BGS Hospital, Bangalore spoke on surgical management of IBD.

Delegates from all over the state around 100 had participated and as many as 20 graduates benefited from this programme.


Dr. GN Prabhakara
Principal
Sri Siddhartha Medical College
B.H. Road, Tumkur.

COVID-19 UPDATE- LATEST GUIDELINES

ORGANISED BY Academic and Scientific Committee, SSMC in
association with Department of Medicine , OBG, paediatrics
and Community Medicine

On Monday , 27 may 2020 from 2 am to 4 pm

REPORT

Academic and Scientific Committee, SSMC in association with Department of Medicine , OBG, Pediatrics and Community Medicine had organised C M E on COVID 19 on 27 May 2020 from 2 pm to 4pm at Nagarjuna Hall

The scientific session was started with welcome speech delivered by Dr. Abhinya . Dr, Vinay from dept of medicine talked on clinical scenario of COVID 19 Dr cheluve gowda from dept of community medicine talked on prevention of COVID 19. Dr. Hema K R from dept of OBG talked on COVID 19 and pregnancy . It was followed by a talk by Dr Rangaswami from dept of paediatrics on COVID 19 in pediatrics
The session was ended with vote of thanks.

Staff, post graduates, interns & undergraduate students attended the programme and benefited from it.

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ENT CME





Preanalytical Challenges
in Lab And Our Response



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SRI SIDDHARTHA MEDICAL COLLEGE

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AGALKOTE, TUMKUR – 572107 (KARNATAKA)



Date:19-08-2019

Workshop and CME on PHLEBOTOMY

organized by

Department of Microbiology,
Sri Siddhartha Medical college,
Tumkur
in association with

BD diagnostics
on
Monday 19 August 2019.

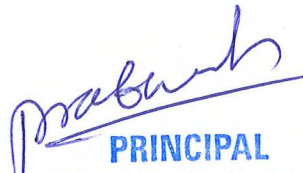
A Report

Department of Microbiology has organized workshop and CME on Phlebotomy on 19 August 2019 from 10 am to 1:30pm.

A talk was there on introduction to phlebotomy and importance by Dr.Prashanth HV Prof and HOD (Microbiology) ,MrChetan Kumar (BD diagnostics). Spoke about different techniques of phlebotomy followed by demonstration on mannequins.

Around 100 delegates participated in the workshop. Delegates included interns, laboratory technicians, staff nurses (nursing and paramedics) course, students and microbiology department staff. All were given hands on experience on mannequins.

The program was concluded was concluded with vote of thanks.


PRINCIPAL
Sri Siddhartha Medical College
Agalakote, B.H. Road, Tumkur



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MORTALITY MEETING

ORGANISED BY Academic and Scientific Committee, SSMC, in association with
Department of General Medicine, Paediatrics and Paediatrics Surgery on
11th June 2020 from 2:30pm to 4pm.

REPORT

Academic and Scientific Committee, SSMC in association with Department of General Medicine, Paediatrics and Paediatrics Surgery organised FIRST MORTALITY MEETING on 11th June 2020 from 2:30pm to 4pm at Nagarjuna Hall.

The inauguration was started with a welcoming speech, delivered by the CEO of SSMC, Dr. Devdas P.K followed by an invocation song, sung by Dr. Chandana Krishna, Professor, Department of Community Medicine.

The First Talk began with a Case Presentation by Dr. Sharath T. K.(post graduate) on the topic Seizure Disorder in 30year old female named Asha, which was moderated by Dr. Muddurangappa R. Professor, And Dr. VineethaK.V,Asso. Professor,Department of General Medicine.

The Second Talk was given by Dr. Chethan T. (postgraduate) on Neonatal Jaundice in 2 months old male, Master PruthvikYadav, moderated by Dr. SubramanyaAsso. Professor and Dr. Rangaswamy, Professor and HOD, Department of Paediatrics and Paediatrics Surgery.

The session was ended with vote of thanks.

Staff, post graduates, interns & undergraduate students attended the program and benefited from it.

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WORKSHOP



LIVE SURGERY

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION
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CME PROGRAMME

On

Basic Ilizarov Course

Organized by

**Tumkur Orthopaedics Society Under the aegis of Karnataka Orthopaedic Association
And Department of Orthopaedics**

Sri Siddhartha Medical College & Hospital, Tumkur, Karnataka

**(A Constituent College of Sri Siddhartha Academy of Higher Education, Declared
as Deemed to be University U/s 3 of the UGC, Act, 1956, Tumkur, Karnataka)**

**On Saturday and Sunday, 1st and 2nd June 2019 at DNB Academic center,
District Hospital, Tumkur**

A REPORT

Tumkur Orthopaedics Society and Department of Orthopaedics, Sri Siddhartha Medical College, Tumkur had organized CME on Basic Ilizarov Course on 1st and 2nd June 2019 at DNB Academic Center, District Hospital, Tumkur. Programme was inaugurated by Dr. Vasudevan P.N., Dr. Veerabhadraiah T.A.(District Surgeon, Tumkur), Dr. Kamareddy(President KOA), Dr. Nagaral G.S., Dr. Rajanna B., Dr. Tyagaraj T.V., Dr. Muralidhar V., Dr. Lohit B.M., Dr. Ravishankar J. and Dr. Sridhar D.K. were present on the occasion and graced the programme by lighting the lamp.

Eminent speakers were Dr. Vasudevan P.N. from Thangram Hospital, Palakkad who spoke on introduction to the course, preop planning, and presented different cases. Dr. Somnath Machani from ZOI Hospital, Hyderabad who spoke on safe corridors of Tibia. Dr. Lohith B.M. from District hospital Tumkur who spoke on post op care. Dr. Karan Kukreja from Hosmat, Bangalore who spoke on components and instrumentation. Dr. Purushotham Lal from Sparsh Hospital, Bangalore who spoke on Biology of distraction Osteogenesis. Dr. Harshad Shah from MSRMC, Bangalore who spoke on Ilizarov in fresh fractures – Tibial condyle and Pilon. Dr. Tajan J. from District Hospital, Tumkur who spoke on Biomechanics if Ilizarov. Dr. Lakshmikanth Reddy from Shreya Hospital, Bellary who spoke on Safe corridors in Femur. Workshop was conducted on Tibia and Femur frame. Case presentation was done by faculties. Live surgery was demonstrated.

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Delegates from all over the states around 60 had participated and as many as
20 post graduates benefited from this programme.

Patrons:	Dr. Nagaral G.S. and Dr. Rajanna B.
Organizing Chairman:	Dr. Tyagaraj. T.V.
Organising Co – Chairman:	Dr. Anjan Kumar Valmiki
Organizing Secretary:	Dr. Lohit B.M.
Scientific Committee:	Dr. Kiran Kumar M.N., Dr. Muralidhar V., Dr. L.D. Srinivas, Dr. Raghavendra T.S., Dr. Chandraprakash K.C.
Registration Committee:	Dr. Ravikumar A.S., Dr. Nagaraj G., Dr. Ravishankar J., Dr. Venkatesh Babu K.V., Dr. Sridhar D.K.

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION
(DEEMED TO BE UNIVERSITY)
Accredited 'A' Grade by NAAC
WORLD SCHIZOPHRENIA DAY



SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION
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SRI SIDDHARTHA MEDICAL COLLEGE

A Constituent college of Sri Siddhartha Academy of Higher Education, Tumkur)
AGALKOTE, TUMKUR – 572107 (KARNATAKA)



Date:21.1.2020

SSMC ALUMNI ASSOCIATION

Topic: "Yoga and Stress Management: A Medical Perspective"

Guest Lecture

on 21 January 2020 11.00 AM

At Nagarjuna Seminar Hall, SSMC Campus

Speaker

Dr. Ambareesh, MD, Ph.D

Associate Professor, Dept. of Physiology

M.S. Ramaiah Medical College, Bangalore

A Report:

The programme started at 11 AM. The program was preceded by various dignitaries viz, Dr.Srinivasmurthy A.G, Principal SSMC, Dr. M Z Kurian Registrar SSAHE, Dr.GM.Shivkumarappa, Controller of Examinations SSAHE, Dr. Prabhakar G N, Vice Principal, All the first year students, HOD's of various departments and staff attended the programme.

Dr. Lakshmi, Asst Professor of Biochemistry coordinated the programme. The Programme started with invocation song by Dr. Kavyashree AN Associate Professor of Anatomy.

Dr Dwarakanath,Secretary of Alumini Association ,SSMC welcomed the gathering.

Dr Prashanth H V ,President Alumini Association, SSMC introduced the speakers.

Dr Ambareesh ,Alumini of SSMC from 1994-95 batch. He spoke on topic for one hour.

He highlighted the importance of yoga in stress management with medical

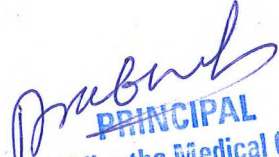
evidence, followed by a good interactive session with students and staff for 30

minutes.

The speaker was felicitated by Dr Kurian, Registrar, SSAHE.

The programme was concluded with vote of thanks by Dr. R.M Swamy,

Joint Secretary of SSMC Alumini Association .


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Agalakote, B.H. Road, Tumkur



SRI SIDDHARTHA MEDICAL COLLEGE

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AGALKOTE, TUMKUR – 572107 (KARNATAKA)



Date: 11.2.2020

Guest Lecture on

"RECENT ADVANCES IN MEDICAL ONCOLOGY"

Organized by

Academic & Scientific Committee

Sri Siddhartha Medical College & Hospital,

(A Constituent College of Sri Siddhartha Academy of Higher Education,
Deemed to be University U of the UGC, Act, 1956, Tumkur, Karnataka)

On

11th February, 2020

A REPORT

As a part of World Cancer Day a Guest Lecture was organized by Dept. of Academic & Scientific committee on 11/02/2020 at Nagarjuna Seminar hall, Sri Siddhartha Medical College.

Topic	Speaker
Recent Advances In Medical Oncology	Dr. Mangesh P Kamath MD,DM,MRCP DNB BMT Physician BGS Global Hospital, Bangalore

The programme started @2pm. The Guest Lecture is preceded by various faculty members, HODs, Professors and Postgraduates, Interns, 8th and 9th term students.

Dr. Afreena, Postgraduate, OBG did anchoring of the programme.

Dr. Mangesh P Kamath spoke on introduction, pathophysiology, incidence and prevalence of cancer in general, discussed about latest techniques for diagnosis, treatment and survival improvement in oncology.


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Dr. Dwarakanath, Secretary of Alumni Association, SSMC welcomed the gathering.

Dr. Prashanth H V, President Alumni Association, SSMC introduced the speakers.

Dr Ambareesh , Alumni of SSMC from 1994- 95 batch. He spoke on topic for one hour. He highlighted the importance of yoga in stress management with medical evidence, followed by a good interactive session with students and staff for 30 minutes. The speaker was felicitated by Dr. Kurian, Registrar, SSAHE.

The Programme was concluded with vote of thanks by Dr. R.M Swamy, Joint Secretary of SSMC Alumni Association.

Sd/-
(Dr. Dwarakanath L)
Secretary

Sd/-
(Dr. Prashanth H V)
President



SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY

(A Constituent College of Sri Siddhartha Academy of Higher Education, Tumakuru)
KUNIGAL ROAD, MARALURU, TUMAKURU-572105



Department of Computer Science & Engineering

Report On “Hadoop – A Practioner’s Approach” workshop

Three days Workshop on “Hadoop – A Practioner’s Approach” was organized by department of Computer Science and Engg., SSIT Tumkur on 3/2/2021 to 5/2/2021.

The workshop was inaugurated by Mr. Shankar Nag , GT Enterprises Bangalore as chief guest and Presided by Dr M S Raviprakasha Principal.

Introduce techniques/ tools available based on NVIDIA’s CUDA environment. Enable participants to quickly get started with writing their own parallel codes on GPGPU.

Provide hands-on experience in parallel programming. These special sessions will provide the ich hands-on experience with various languages and tools covered in the lectures. They comprise a brief introduction to the programming assignments, followed by independent work periods. To help with the assignments, teaching assistants will be available in person and via the web.

Day 1 3-2-2021

Mr. Ravikiran GT Enterprises Bangalore

Explained in detail about the Introduction to Parallel Computing, Why Parallel Computing? Parallel paradigms Types of Parallelism, Limits of Parallel Computing .

Dr. Thippe swamy Professor Dept of CSE, VTU RO Mysore -Give talk how mwmory can be deployed as Shared Memory Vs Distributed Memory and features of MPI Basics and features of MPI

Day 2 4-2-2021

Dr. Ashok, HOD, Dept of ISE, JSSATE, Bangalore – give detailed talk on What is High Performance Computing .and Introduction to GPU Computing and its advantages . Common GPU-enabled applications overview Easy ways to parallelize the home-grown applications

Shankarnag, Certified CUDA Instructor explains GPU Architecture and model and Hands On Session (Computer Lab Room No 403)

HEAD

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S.S.I.T., TUMAKURU-572 105

Day 3 5-2-2021


Dr.Nagappa Bajentri Professor, Dept of CSE, Govt Engg. College, CH .Nagar Discuss on CUDA Architecture and Programming mode Heterogeneous Computing Blocks and design concepts along with shared memory and synchrons threads

Mr.Giresh H Indicatam Pvt. Ltd., Bangalore explains fundamentals on Threads and indexing and Hands On Session (Computer Lab Room No 403)

The workshop is concluded with Valedictory function with Dr.Prakash Prof&head. Dept of ISE BIT, BANGALORE as Cheif guest and Dr. M siddappa, HOD, CSE SSIT, Tumkur as president.

outcome of the workshop:

- Participants are exposed to computational thinking skills for accelerating applications in science and engineering.
- Understand the most important architectural performance considerations for developing parallel applications.
- Participants able to design algorithms that are appropriate for accelerators. HOD, CSE


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Sri Siddhartha Institute of Technology

Maralur, TUMKUR – 572 105 (Karnataka)

Department of Electronics & Telecommunication Engg

☎ Off: 0816-2200314, Fax: 0816-2200270, 2200999

Report on Workshop on “Routing in Wireless Sensor Networks”(8th- 12th November 2021)

The Department of Electronics and Telecommunication, SSIT, Tumkur had organized a five day workshop on “Routing in Wireless Sensor Networks” from 8th to 12th November 2021. The main Objective of this workshop was to identify key future research issues in the areas of Wireless Sensor Network and to have exposure to Network tool for WSN algorithms.

The workshop presented the theoretical and practical aspects of Routing protocol, through a series of interactive lectures and hands –on using Network Simulator

The various committees were formed to organize the workshop as follows:

- Brochure and Invitation committee
- Stage committee
- Food committee
- Brochure and Invitation Distribution committee
- Reception Committee
- Media and publicity

Coordinator

Seema J.K

The inaugural function of workshop was held on 8th November 2021 at 9.30 am and was inaugurated by Dr. M S Shivaprakasha , Principal,SSIT..Dr. M Z Kurian, Registrar, SSAHE, Dean, SSIT & HOD, Dept. of ECE graced the occasion. Then lighting the lamp was done by dignitaries.

The presidential address was given by Dr. M S Shivaprakasha Principal, SSIT, Tumkur. About the workshop was given by Seema J.K, Asst. Professor, Dept. of ETC, SSIT,Tumkur. Vote of thanks was given by Dr.Sumana L,Asst. Prof., Department of ETC, SSIT.Mastering the ceremony was done by Mr.Hareesh K.N Asst. Professor, Dept. of ECE, SSIT, Tumkur.

The technical sessions were held in STEP building and hands-On sessions were conducted in ETC System Lab. Total 17 sessions were conducted, out of which 7 sessions were hands-On by following resource persons.

1. Dr Parameshwarachari. B..D

Professor and Head
Dept. of Telecommunication Engineering,
GSSSIETW, Mysuru.

2. Dr. Savitha K.S

Asst. Professor,
Department of Computer Science and Engineering

Valedictory function was organized to mark the end of a week work shop. The resource person addressed the gathering and distributed certificates to the participant's .Finally vote of thanks was given by Ms. Seema.J.K Assistant Professor, Dept. of ETC, SSIT, Tumkur.

This is the brief report on workshop organized from 6th Dec to 10th Dec 2021 by the department of Electronics & Telecommunication Engineering.

Coordinator

Seema J.K,

Assistant professor,

Department of ETC,

SSIT, Tumkur



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Department of Computer Science & Engineering

Report On

Computer Vision Based Automotive Safety Application Development workshop Two

day Workshop on Computer Vision Based Automotive Safety Application Development

was organized by department of Computer Science and Engg., SSIT Tumkur on 7/3/2022 to 9/3/2022.

The workshop was inaugurated by Dr M S Raviprakash Principal SSIT Tumkur.

The Workshop was started by with a introduction of Image processibg , Comparison image processing and pattern recognition and other details . The above topic was address by Dr M Siddappa Professor and Head Department of Computer Science and Engg.,

The workshop includes view of different images in traffic and alalyse and apply different method to extract correct image without any noise and how the Faculty member can design a algorithm for his own students in co relation with images. The above topi was discussed Dr Avinash Gowda CEO Witty Boot Technologies Bangalore Mysore. The Workshop includes hands on session to participants

Finally Hands on session was conducted by giving assignment to the participants and ask them write simple programs in image processing ..

The major objectives of this work shop which mention below was met in the workshop organized. Advanced Driver Assistance systems are relatively recent trend in the area of Vehicle Safety systems. ADAS supports the driver in the driving process to ensure road safety. Based on intelligent sensor technology, driver assistance systems constantly monitor the vehicle surroundings as well as the driving behavior to detect potentially dangerous situations at an early stage. In critical driving situations, these systems warn and actively support the driver and, if necessary, intervene automatically in an effort to avoid a collision or to mitigate the consequences of the accident Collision Avoidance systems, Driver drowsiness detection systems etc. are all examples of ADAS.

The outcome of this workshop is make faculty members to educate their student and also by themselves with following points,

The potential applications in the area of driver assistance and traffic automation which are worth implementing in the scenario of Indian roads

Prospects of research on traffic automation systems at our esteemed institution.

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Department of Medical Electronics Engineering

5 days Faculty Development Programme on

“Emerging Trends in Biomedical Instrumentation and Diagnostic Tools”

From 9th May to 14th May 2022

Report on FDP

Day	Session 1	Session 2
Day 1 20/10/2021	Inauguration and Key note During Session I inauguration and key note address were completed where Dr. D Jayadevappa gave the key note address.	After the keynote address Dr. Jayadevappa D spoke about Introduction to biomedical instrumentation.
Day 2 21/10/2021	During Session 1 Dr. Mallikarjun S Holi gave a brief introduction to Applications to Biomedical Instrumentation.	Dr. Dr. Shanthi K J explained about Wearable Devices which includes smart watches, smart sticks.
Day 3 22/10/2021	Dr. SaiRam Geethanath discussed about Smart Sensors in Medical Applications.	Dr. D Jayadevappa gave a talk on Rehabilitation Engineering, its uses and application for human beings.
Day 4 23/10/2021	Dr. Sairam presented a talk on IoT in health care where IoT uses were elaborated in the field of biomedical engineering.	Dr. Dr. Manjunatha A P discussed Virtual Surgery and use of smart pills.
Day 5 24/10/2021	Dr. Ravish D K presented a talk on Advances in Nano Robots.	Valedictory

R. S. A. S

Prof. and Head

Dept. Of Medical Electronics
Sri Siddhartha Institute of Technology
Maralur, TUMKUR - 572 105



Department of Computer Science & Engineering

Report On

“Advances in Graph theory and its applications in Computer science and Engineering”.

workshop

Three days Workshop on **“Advances in Graph theory and its applications in Computer science and Engineering”.**

was organized by department of Computer Science and Engg., SSIT Tumkur on 8/8/2022 to 10/8/2022.

The workshop was inaugurated by Dr. Nandappa Soner Prof and chairman mathematics, university of Mysore., as chief guest and Presided by Dr K A Krishnamurthy Principal SSIT Tumkur

The Workshop was started by with a introduction of Graph theory, Clustering, Domination theory, etc., . Then Followed by basic concept of Application of Graph theory in networking The above topic was address by Dr M Siddappa Professor and Head Department of Computer Science and Engg.,

Day 1 8-08-2022 : Graph theory and its basics and application , domination clustering and applications in networking in detail by Nandappa soner.

Application graph theory in computer Science and Polymer science by Dr Cheluvvaraju , Tumkur University Tumkur

Day 2 9-08-2022:Advances in Graph theory and its applications in Adhoc networks by Arunkumar Thangavelu from VIT Vellore

Day 3 10-08-2022:Advances in grapah theory and its application in data mining by Dr K Thangavelu Periar University Salem Research Challenges in Graph theory and its applications in computer network by Dr Shanmuga Professor PES college of Engg., Mandya.

The workshop is concluded with Valedictory function with vice principal Dr M K Veeraiah as president and Dr K Thangavelu Periar University Salem as chief guest.

The outcome of this workshop is make faculty members to educate their student and also by themselves with following point:

The potential applications in the area of graph theory , is of worth implementing in the area of Computer Science and Engineering especially in networks. To meet this need, the following proposal has been worked out to train and introduce the students and faculty on the objective of graph theory and its applications. Hence, a detailed discussion with a subject expert in the area is planned to promote/boost prospects of research on networks and data mining.

HOD, CSE
HEAD

**Five days' Faculty Development
program on**

MSP430 & its Applications

5-8th April 2022

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Dr. M.S.Raviprakash

Principal, SSIT, Tumakuru

Organizing Chair

Dr. Suma G

Professor, Head, Dept. of ETE

Organizing Committee

Dr. Savita. D. Torvi

Asso Professor, Dept. of ETE

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Mr. PuneethKumar. D.N.

Asst Professor, Dept. of ETE

Mr. Jeevith. S.H.

Asst Professor, Dept. of ETE

**Five days' Faculty Development
program on**

MSP430 & its Applications

5-8th April 2022



Organized by

**Department of Electronics
& Telecommunication
Engg.**

**Sri Siddhartha Institute
of Technology**

(A Constituent College of Sri Siddhartha Academy
of Higher Education, Tumakuru, Approved by
AICTE, Accredited by NAAC with 'A' Grade)

Maraluru, Tumakuru-572105

About the Institution

Sri Siddhartha Institute of Technology (SSIT), Tumakuru, established in the year 1979 by Sri Siddhartha Education Society (SSES), is the constituent college of Sri Siddhartha Academy of Higher Education (SSAHE), Tumakuru. Accredited by National Board of Accreditation (NBA), National Assessment and Accreditation Committee (NAAC) with 'A' Grade, the Institution offers 9 UG, 8 PG courses in addition to the Doctoral Programs in various disciplines.

Among about 3200 technical institutions in the country, SSIT has been one amongst the 14 premier technical institutions in Karnataka selected as better performing institutes by the World Bank for the award of financial assistance under Technical Education Quality Improvement Program (TEQIP-I during 2005). Further the institution found its place in the list of institutions selected for TEQIP phase II as it has utilized the grants effectively for further improving the quality of technical education, research activities and make the institute a center of excellence. SSIT is situated in Tumakuru, 70 Kms away from Bangalore well connected by road and rail.

About the Department

The Dept. of Telecommunication Engineering was started during 1991 with an intake of 30 and increased currently to 60. It has been accredited by NBA for three times consecutively since 2004. The department has

well equipped laboratories and well qualified faculty (4 Doctorates) with experienced support/ technical staff. The department has patents in the field of communication technology and expertise in raising domains and sub domains of the core engineering.

About the FDP

The objective of the workshop is to provide an insight to low power microcontrollers, introduction to MSP430 microcontroller and its application. The MSP430 is a mixed signal microcontroller family from Texas instruments. Built around a 16 bit CPU, the MSP430 is designed for low cost and specifically low power consumption embedded applications.

The workshop will provide an exposure to MSP430 specification, architecture, fundamentals of programming and implementation with hands-on sessions and demos by the experts

Speakers

Dr. Bhanu Prashanth
Professor, ML
BMSCE, B'lore.

Jeevith S H
Assistant Professor,
Dept. of ETE,
SSIT, Tumkur

Who can attend?

- ✓ Faculty
- ✓ Researchers
- ✓ PhD Scholars.

Registration

Registration can be submitted in the prescribed format along with related registration fees to the Organizing chair by

Faculty, UG or PG Students from SSIT	100/-
Faculty/ Academicians	500/-
Industry Professional	1000/-
Foreign Delegates	200 USD

DD (in favor of Principal, SSIT) or in Cash.

Contact

Mr. Jeevith S H 9164988980