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MNR Nagar, Narsapur Road, Fasalwadi, Sangareddy 502294

# PROGRAM REPORT FOR TRAINING PROGRAMMES FOR THE FACULTY



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DEPARTMENT OF PROSTHODONTICS, CROWN AND BRIDGE

# **DEPARTMENT OF PERIODONTICS AND IMPLANTOLOGY**

# **CERTIFICATE COURSE 2021-2022**

# REPORT

# NAME OF THE ACTIVITY: VIRTUAL COMPREHENSIVE BASIC IMPLANTOLOGY COURSE

**INSTITUTION:** MNR dental college & hospital

DEPARTMENT: Department of Prosthodontics, crown and bridge

Department of Periodontology and Implantology

RESOURCE PERSON: Dr. Jaibin George MDS, Orthodontist, Consultant Implantologist

- Dr. Aravind UD, MDS Reader, Dept of OMFS, HKEC Nijalingappa Institute of dental sciences, Humnabad, Karnataka
- Dr. Akash Chakravarthy, MDS Dept of OMFS , Consultant Surgeon, Hyderabad
- Dr. Sathya narayana Raju, MDS Professor, Dept of Prosthodontics, Vishnu dental college, Bhimavaram
- Dr. Ashank Mishra, MDS Associate Professor, Dept of Periodontics, RVS Dental College, Coimbatore
- Dr. Ramesh ,MDS Professor, Dept of Periodontics, Mamata Dental College, Khammam
- Dr. Manohar Varma, Consultant Surgeon and Implantologist, Smile care Hospital, Vishakapatnam
- Dr. Anil Kumar Komuravelli, MDS Professor, Dept of Prosthodontics, Saraswati dental College, Parbhani
- Dr. Alok Bhardwaj,Head of Maxillofcaial Surgery and Dental Dept. of Eternal Hospital, Jaipur

Organizing Committe: Dr Sujatha Gopal, Dr. Ravindra SV, Dr. M. Praveen Kumar, Dr. Rupa Rani, Dr. Harsha G, Dr. Ramesh, Dr. V. Deepika, Dr. Suman. P

CONTENT DELIVERY: Main objective is to develop and uphold educational and clinical standards for the use of implants in dentistry and to promote the safe and placement of implants in patients. The main aim is to provide educational programs to train post graduate students in

PRINCIPAL MNR Dental College & Hospital MNR Nagar, Narsapur Road, ANGAREDDY Dist.-502 294 (T.S.) placement and maintenance of endosseous dental implants, advance understanding of the interrelationships between fundamental concepts in oral implantology with other oral health disciplines. The programme also aims to impart knowledge to improve diagnosis, treatment and prevention of peri-implant diseases.

AUDIENCE: Teaching faculty, PG Students, Interns, BDS Students.

BRIEF DESCRIPTION: On the first day on 8<sup>th</sup> June 2021 the programme was inaugurated by our respected vice chairman Ravi varma garu. The session began with a welcoming note by Dr.Ravindra SV, HOD dept of OMR, Vice principal, followed by the online lecture

## CERTIFICATE COURSE DETAILS

The course is a five day continuing professional education program on virtual comprehensive basic implantology comprised of many guest lectures held over the duration of 5 days in the month of June 2021. The program comprises Lectures on Bone biology, Imaging, indications and contraindications, treatment planning, Implant occlusion and Hands-on on models.

## CERTIFICATE COURSE DETAILS :

The course is a five day continuing professional education program on virtual comprehension basic implantology comprised of many guest lectures held over the duration of 5 days in the month of june 2021. The program comprises lectures on Bone biology, Imaging, indications and contraindications, treatment planning, implant occlusion and Hands-on on models

### DAY 1:

- Lecture on osseointegration and bone biology
- Indications/Contraindications of implants
- Imaging (CT Scan /X-Ray)&Model Analysis

## **DAY 2:**

- Treatment planning & Rehabilitation option
- Surgical protocol for soft /Dense Bone types
- Surgical Template /Guided Surgery

## **DAY 3:**

- Biomechanical considerations in implantology
- Surgical consideration, pharmacology, consent, post-care
- Diagnosis and Treatment planning for implants

AR Dental College & Hospital MNR Nagar, Narsapur Road, ANGAREDDY Dist.-502 294 (T.S.)

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### **DAY 4:**

- Implant Techniques
- Different types of prosthesis
- Implant Occlusion
- Temporisation
- Overview of complications & Failures
- Guidelines to Implants Restoration and after care

## **DAY 5:**

- Hands –on on models
- Closing Ceremony /Thanks Giving



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DAY -1

TIME	TOPIC	PRESENTER
9:00 - 10:00	Insurguration followed by introduction about Overst Speaker	
10 00 - 11 39	Osseso Intergration & Bone Biology	Dr.Jaibin George
11:30 - 11:45	Tea -Break	15
11:45 - 1:00	Indication / Contra-Indication	Dr. Jaibin George
1.00 - 2.00	Lunch Break	
2.00 - 3.30	Imaging (CT scan / X- Ray) & Model Analysis	Dr. Jaibin George

DAY -2		
TIME	TOPIC	PRESENTER
915-1100	Treatment planning &Rehabilitation option	Or Aravind UD

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Treatment planning &Rehabilitation option	Or Araving CO
Tea Break	
Surgical protocol for soft/Dense Bone types	Dr.Aravind UD
Lunch Break	
Surgical Template/ Guided Surgery	Dr. Akash Chikravarthy
	Tea Break Surgical protocol for soft/Dense Bone types Lunch Break

#### DAY -3

TIME	TOPIC	PRESENTER
9 00-10 30	Biomechanical Consideration in Implantology	Dr.Sathyanarayana Raju M
10:30 -10:40	Tea Break	
10:40 -12:00	Surgical Consideration, Pharmacology, Consent, Post-Care	Dr. Ashank Mishra
12:00 -12:05	Break	
12.05 -1:00	Daigoosis and Treatment Planning for Impants.	Dr. Ramesh
1:00 - 2:00	Lunch break	
2:00 - 3:30	Prosthetics Amamentarium, Components And Accessories	Dr. Manohar Varma

TIME	TOPIC	PRESENTER
9:00-10:00	Implant Techniques	Dr.Anii Kumar
10:00 -11:00	Different types of Prosthesis	Dr.Anii Kumar
11:00-11:15	Tea Break	Sale Barrier
11:16 -12:00	Implant Geclusion	Or.Sudhir, A
12:00 -1:00	Temporisation	Oz.Sudhir, A
1:00 - 1:30	Lunch Breek	
1:30 - 2:30	Overview of Complications & Failures .	DcAnil Rumar
2:30 - 3:30	Guidelines to Implants Restoration and After Care	Dr.Anii Kumar



TIME	TOPIC	PRESENTER
9.00-11.00	Hands-on on models	Dr. Alok Bhardwaj
11:00-11:30	Tea Break	
11:30 -1:00	Continuation of Hands -on	Dr. Alok Bhardwaj
1.00 - 2:00	Lunch Break	
2.00 - 3.00	Continuation of Hands - On	Dr. Alok Bhardwaj
3.00 - 3.30	Closing Ceremony/Thanks Giving	Dr. Alok Elisardwaj

## Imported & Marketed By MiL Medical Dental Systems Pvt.Ltd

2nd Floor ,Plot no .20/21, New Sneha Nagar Wardha Raod , Nagpur - 440015 (M.S.)

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PRIN IPAL MNR Dental College & Hospital MNR Nagar, Narsapur Road,

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# CERTIFICATE OF APPRECIATION

### AWARDED TO :- Dr.Sudheer Arunachalam

This certificate is presented for sharing valuable knowledge as a guest speaker on "Basic Implantology" which was organized virtually by "Adin Dental Implants, Israel" & "MNR Dental College & Hospital, Sangareddy, Telangana, India"

Venue- MNR Dental College & Hospital, Sangareddy, Telangana, India. Date- 08.06.2021 - 12.06.2021 Duration - 30 Hours.

INGI SIK Eyal Milman, Chairman Ami Hardman RAD

Suitani

Dr. Sujathe Gopal Dr. Ravindra S V Principal & HOD Vice Principal &

Dr. M. Praveen Kumar Prof. & HOD Dept. Prostho. Dept. Endodontics Organising Chairman Organising Secretary

(A) (1)

Adir. Dentol Incident Systems Ltd complies with the Righest regulatory requirements, and its certification incidees ISO & CE Certification and PDA clearance

# CERTIFICATE OF COMPLETION

# AWARDED TO:- Sheema Shahed Mohiuddin

For participating in a "Virtual Comprehensive Basic Implantology Course" organized by "Adin Dental Implants, Israel" & "MNR Dental College & Hospital, Sangareddy, Telangana, India"

Venue- MNR Dental College & Hospital, Sangareddy, Telangana, India. Date- 08.06.2021 – 12.06.2021 Duration - 30 Hours.

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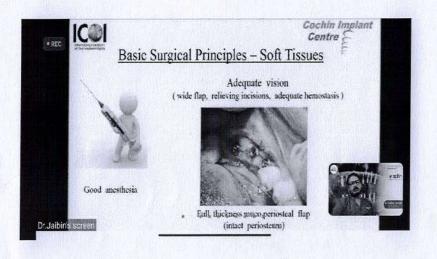
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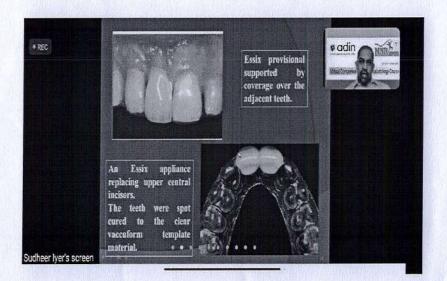
Dr. M. Praveen Kumar

Dept. Endodontics Organising Chairman Organising Secretary Adin Dental Implant Systems Ind complies with the highest regulatory requirements, and its certification includes ISO & CE Certification and FDA clearance

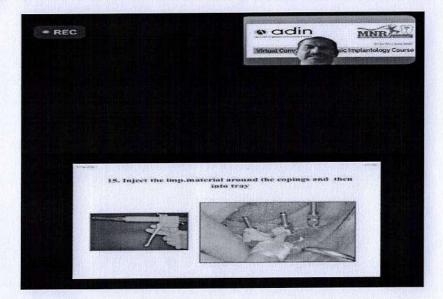
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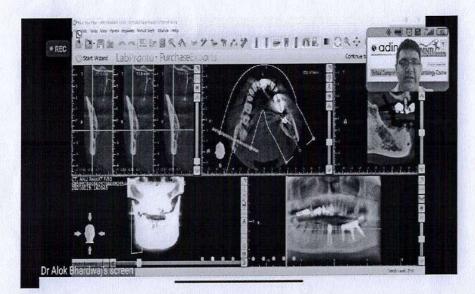
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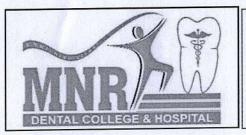
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# ACTIVITY REPORT

TITLE: BLS and Venipuncture Training Programme

**OBJECTIVE:** To train the Faculty in Basic life support and Veni- Puncture lecture and Hands on course

DATE: 29/11/2021, 30/11/2021, 1/12/2021, 02/12/2021, 03/12/2021 & 04/12/2021

**TIME:** 3- 5 PM

LOCATION: MNR Medical College & Hospital

ORGANISED BY: MNR Dental College & Hospital

AUDIENCE: Faculty Members, Post graduate students and Interns

SPEAKER: Dr. Pramod, Professor Department of Anesthesia, MNR Medical College & Hospital

# MATERIAL ADOPTED: offline

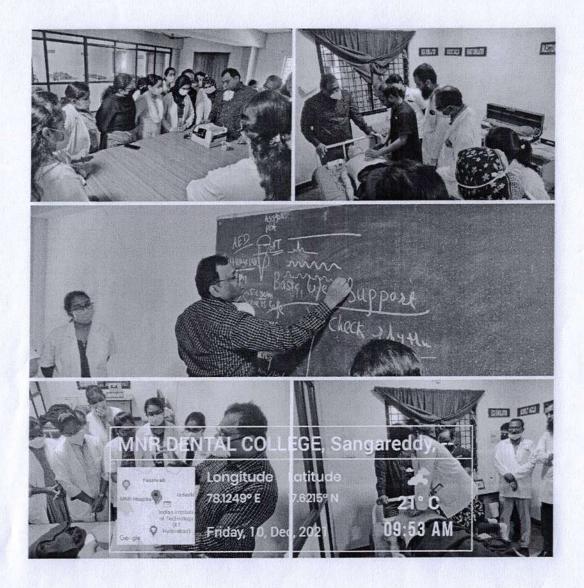
MATERIAL USED: Chalk and Board with BLS and Venipuncture Simulators and a Biphasic Defibrillator

**DESCRIPTION:** Dr. Pramod ,Guest lecturer gave lecture on Basic Life Support and its recent advances in emergency drugs, detailed description regarding various defibrillators and its role in pediatric dentistry.

# **QUESTIONS ASKED BY PARTICIPANTS:**

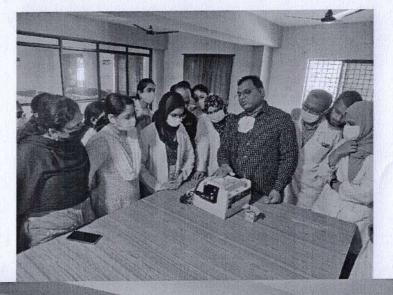
- 1. How much time we need to perform cpr in a non shockable case?
- 2. How do we differentiate non shockable rhythm to a shockable rhythm?
- 3. Difference between defibrillator and AED?
- 4. Variations in cardiac compressions in an infant?
- 5. Venipuncture commonly used guage of the needle?

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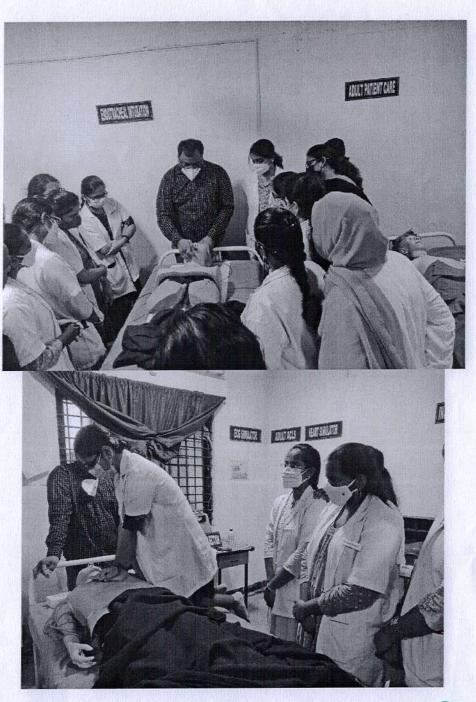
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## ACTIVITY REPORT

EVENT	: Tips and tricks in handling conscious sedation
DATE	: 21 <sup>st</sup> October, 2021
TIME	: 1:30PM to 03:30 PM
VENUE	: Department Of Pedodontics And Preventive Dentistry

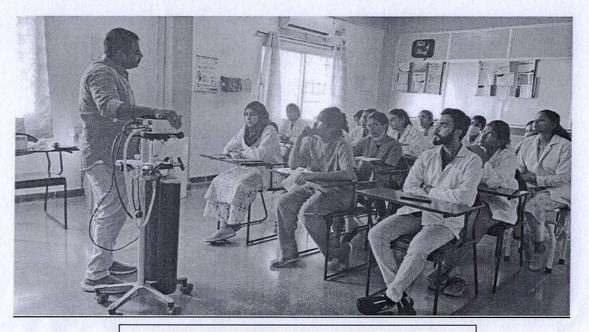
## **EVENT HIGHLIGHTS:**

The program started with a welcome note by Dr.V Pranitha (HOD & Professor, Dept of Pediatric and Preventive Dentistry).

Dr. Sai Krishna started the program by his introduction. He gave a brief introduction of various systems of the body and explained about the parts of conscious sedation unit. He explained about levels, indication, contraindication, pros & cons of conscious sedation. He also exchanged his experiences in treating his patients by conscious sedation in his day-to-day practise. He concluded by saying how conscious sedation reduces the treatment time and makes the dental treatment easy.

**CONCLUSION:** The concern behind this program is to share the knowledge to post graduates and interns on conscious sedation.

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Audience attending Conscious sedation Programme

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**CERTFIED COURSE ON LASER DENTISTRY** 

# DEPARTMENT OF PERIODONTICS AND IMPLANTOLOGY

# DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY

NAME OF THE ACTIVITY: CERTIFIED LASER DENTISTRY COURSE

DATE: 27/10/2021 TO 29/10/2021

### **RESOURCE PERSON:**

- Dr. BM.Shiva Prasad, Periodontist and Implantologist, Laser dentistry practitioner
- Dr. Arpitha, HOD, Dept of periodontics and Implantology
- Dr.Ena Mathur, Professor, Dept of Oral medicine and Radiology
- Dr.Ashank Mishra, Visiting Professor, European Institute for medical studies.
- Dr. Nikhil Bahuguna, Dept of conservative dentistry & Endodontics, faculty-WCLI for Associate
  Fellowship Program in India
- HT.Yaswanth Marketing manager, Confident Dental Equipments Pvt Ltd

FACULTY INCLUDED: Dr.Pranitha, Dr.B.Rupa Rani, Dr.B.Tanuja, Dr.B.Lavanya, Dr. Sravanthi, Dr.Vennela

S n.O	TOPICS	SPEAKER
1	Introduction to Laser Dentistry and Basic Concepts	Dr. BM. Shiva Prasad
2	Laser-Tissue Interaction and Safety Measures	Dr. BM. Shiva Prasad
3	Types of Lasers in Dentistry and Selection Criteria	Dr. Arpitha
4	Hands-on Laser Handling and Safety Practices	Dr. Arpitha and Dr Rupa
5	Laser Appliations in Periodontics and Implantology	Dr. Ashank Mishra
6	Laser-Assisted Soft Tissue Procedures	Dr. Arpitha
7	Laser Applications in Oral Medicine and Radiology	Dr. Ena Mathur
8	Laser Safety Protocols in Radiology and Hands-on	Dr. Ena Mathur

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9	Laser Applications in Restorative Dentistry	Dr. Ashank Mishra
10	Laser-Assisted Endodontics	Dr. Nikhil Bahuguna
11	Laser Applications in Implantology	Dr. BM. Shiva Prasad
12	Future Trends in Laser Dentistry	Dr. Ashank Mishra

**CONTENT DELIVERY:** Main objective is to develop and uphold educational and clinical standards for the use of lasers in dentistry and to promote the safe and effective laser use on patients. This educational emphasis shifts from device characteristics to laser-tissue and laser-material interactions along with a deep understanding of biologic effects of laser interaction, safety and effectiveness of clinical procedures. The program is a structured educational mechanism for dental students wishing to demonstrate high standards of dental laser use.

AUDIENCE: Teaching faculty, PG Students, Interns, BDS Students.

#### **BRIEF DESCRIPTION:**

#### Session 1: Introduction to Laser Dentistry and Basic Concepts

- Introduction to Laser Dentistry: Principles and Applications
- Speaker: Dr. BM. Shiva Prasad

#### Session 2: Laser-Tissue Interaction and Safety Measures

- Understanding Laser-Tissue Interaction
- Laser Safety Measures and Protocols
- Speaker: Dr. BM. Shiva Prasad

### Session 3: Types of Lasers in Dentistry and Selection Criteria

- Types of Lasers in Dentistry: Diode, Er:YAG, Nd:YAG, CO2, etc.
- Choosing the Right Laser for Different Procedures
- Speaker: Dr. Arpitha

#### Session 4: Hands-on Laser Handling and Safety Practices

- Hands-on Demonstration: Laser Handling and Safety Practices
- Practical Tips for Effective Laser Usage
- Speaker: Dr. Arpitha and Dr Rupa

#### Session 5: Laser Applications in Periodontics and Implantology

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- Laser Applications in Periodontics and Implantology
- Treatment of Periodontal Diseases Using Lasers
- Speaker: Dr. BM. Shiva Prasad

#### Session 6: Laser-Assisted Soft Tissue Procedures

- Laser-Assisted Soft Tissue Procedures: Crown Lengthening, Gingivectomy, Frenectomy, etc.
- Speaker: Dr. Arpitha

#### Session 7: Laser Applications in Oral Medicine and Radiology

- Laser Applications in Oral Medicine and Radiology
- Diagnosis and Treatment of Oral Lesions
- Speaker: Dr. Ena Mathur

#### Session 8: Laser Safety Protocols in Radiology and Hands-on

- Laser Safety Protocols in Radiology
- Hands-on: Laser Applications in Oral Lesion Management
- Speaker: Dr. Ena Mathur

#### Session 9: Laser Applications in Restorative Dentistry

- Laser Applications in Restorative Dentistry: Cavity Preparation, Bonding, Aesthetics
- Speaker: Dr. Ashank Mishra

#### Session 10: Laser-Assisted Endodontics

- Laser-Assisted Endodontics: Disinfection, Debridement, Root Canal Sterilization
- Speaker: Dr. Nikhil Bahuguna

#### Session 11: Laser Applications in Implantology

- Laser Applications in Implantology: Soft Tissue Management around Implants
- Speaker: Dr. BM. Shiva Prasad

#### Session 12: Future Trends in Laser Dentistry

- Future Trends in Laser Dentistry: Research, Innovations, Evolving Technologies
- Speaker: Dr. Ashank Mishra

#### Session 13: Certificate Distribution and Closing Remarks

Certificate Distribution and Concluding Remarks

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Overall Course Summary and Future Learning Opportunities

On the first day of the program, 27th October, the session began with a welcoming note by Dr.Ravindra SV, HOD dept of OMR, Vice principal, followed by the online lectures by our guest speakers Dr. BM.Shiva Prasad, Dr. Arpitha, Dr.Ena Mathur. On the second day, 28th October, online lectures were given by Dr.Ashank Mishra and Dr.Nikhil Bahuguna.

Queries of the audience were welcomed and the answers of the topic were discussed by the organizing committee.

On the 3<sup>rd</sup> day of the program, 29th October, the session started with the demonstration of laser on models by Yaswanth, from confident dental equipment company, followed by hands on practice by all the participants on models. After that live case demonstrations were given by Dr. B.Ruparani. It was followed by issue of certificates to all the students by Dr.Ravindra, Vice Principal.

CONCLUSION: Vote of thanks by Dr. Pranitha, HOD dept of Pedodontics and preventive dentistry

And

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# DEPARTMENT OF PROSTHODONTICS, CROWN AND BRIDGE

# DEPARTMENT OF PERIODONTICS AND IMPLANTOLOGY

## REPORT

# NAME OF THE ACTIVITY: VIRTUAL COMPREHENSIVE BASIC IMPLANTOLOGY COURSE

**INSTITUTION:** MNR dental college & hospital

DEPARTMENT: Department of Prosthodontics, crown and bridge

Department of Periodontology and Implantology

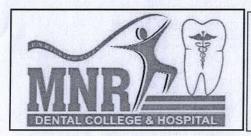
DATE:21-02-2019 & 22-02-2019

Organizing Committe: Dr. Sujatha Gopal, Dr. M. Praveen Kumar, Dr. Rupa Rani, Dr. Harsha G, Dr. Ramesh, Dr. V. Deepika, Dr. Suman. P

CONTENT DELIVERY: Main objective is to develop and uphold educational and clinical standards for the use of implants in dentistry and to promote the safe and placement of implants in patients. The main aim is to provide educational programs to train post graduate students in placement and maintenance of endosseous dental implants, advance understanding of the interrelationships between fundamental concepts in oral implantology with other oral health disciplines. The programme also aims to impart knowledge to improve diagnosis, treatment and prevention of peri-implant diseases.

AUDIENCE: Teaching faculty, PG Students, Interns, BDS Students.

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Sangareddy 502294

# **ACTIVITY REPORT**

TITLE: BLS and Venipuncture Training Programme

**OBJECTIVE:** To train the Faculty in Basic life support and Veni- Puncture lecture and Hands on course

DATE: 13-9-2018 & 14-9-2018

**TIME: 3- 5 PM** 

LOCATION: MNR Medical College & Hospital

ORGANISED BY: MNR Dental College & Hospital

AUDIENCE: Faculty Members, Post graduate students and Interns

SPEAKER: Dr. Pramod, Professor Department of Anesthesia, MNR Medical College & Hospital

# **MATERIAL ADOPTED:** offline

**MATERIAL USED:** Chalk and Board with BLS and Venipuncture Simulators and a Biphasic Defibrillator

**DESCRIPTION:** Dr. Pramod ,Guest lecturer gave lecture on Basic Life Support and its recent advances in emergency drugs, detailed description regarding various defibrillators and its role in pediatric dentistry.

# **QUESTIONS ASKED BY PARTICIPANTS:**

- 1. How much time we need to perform cpr in a non shockable case?
- 2. How do we differentiate non shockable rhythm to a shockable rhythm?
- 3. Difference between defibrillator and AED?
- 4. Variations in cardiac compressions in an infant?
- 5. Venipuncture commonly used guage of the needle?

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