

PMS COLLEGE
OF
DENTAL SCIENCE & RESEARCH

REPORT ON THE PMS DIGITAL DENTISTRY WEEK

REFERENCE: Kerala Dental Council Order No: D.6998/22/DC. Dated 06/07/22

Credit points awarded: 29 points for registered delegates

TITLE OF THE PROGRAM: PMS DIGITAL DENTISTRY WEEK

VENUE: Dr. R. Ahmed Central Auditorium and Department Of Advanced Dental Sciences

DATE: 12/07/2022 to 16/07/2022

TIME: 8:30AM -3:30 PM

FACULTY: Dr. M Shiva Shankar, Dr. Mahesh Rao and Dr. Ranjitha Shivanna

PROGRAM SCHEDULE

Day 1- Presenter --- Dr. M. Shiva Shankar

9.00-11.00am: Presentation on Introduction to world of Digital Dentistry
11-12.30pm: Presentation on Intra oral scanners
1-1.30pm: Working Lunch
1.30-2.30pm: Live demonstration on Scanners- understanding the workflow
2.30-3.30pm: Live demonstration of CAD designing

Day 2: DIGITAL DENTISTRY IN PROSTHODONTICS Dr. M. Shiva Shankar

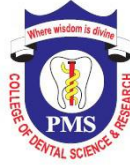
9.00-11.00am: Introduction to CAD software
11.00am- 1.30pm: Designing of various restorations Hands-on on designated laptops
1-1.30pm: Working Lunch
1.30-3.30pm: Intra oral Scanning and RPD design

Day 3: Dr. M. Shiva Shankar

9.00-11.00am: Production methodologies with in-depth presentation of 3D Printing
11-12.00pm: Live demonstration 3d printing process and 3D printing
12-1.00pm: Interactive session
1-1.30pm: Working Lunch
12.30-2.00pm: Intraoral scanning
2.00-3.30pm: Implant planning

Day 4: Dr. Shiva Shankar, Dr. Mahesh

- 9.00 am-12.00pm DIGITAL DENTISTRY IN ORTHODONTICS
 - Intra oral scanning Hands on



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- Demonstration of the various applications of Digital orthodontics by Dr. Ranjitha Shivanna
- 12.30-3.30pm DIGITAL DENTISTRY IN CONSERVATIVE DENTISTRY AND ENDODONTICS

1-1.30pm: Working Lunch

- Hands-on on Intraoral scanners
- Designing of restorations

Day 5: Dr. Shiva Shankar, Dr. Mahesh

- 9.00 am-12.00pm DIGITAL DENTISTRY IN ORAL AND MAXILLOFACIAL SURGERY
 - Hands-on on Intraoral scanners
 - Implant planning and other related designs
- 12.30-3.30pm DIGITAL DENTISTRY IN PERIODONTICS AND IMPLANTS

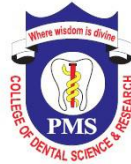
1-1.30pm: Working Lunch

- Hands-on on Intraoral scanners
- Implant planning and other related designs

REPORT

The registration for the CDE programme started at 8:30 am. The event started by 8.45 am with the introduction of the college and a prayer song. Dr. Rajesh Pillai, Principal gave the welcome speech. An insight into the need of digital dentistry was given by Dr A Shyam Mohan, Professor, Department of Prosthodontics. Dr Sudeep S, Professor and HOD of Department of Prosthodontics introduced the guest speakers Dr. M Shiva Shankar, Dr.Mahesh Rao and Dr. Ranjitha Shivanna who had consented to be the faculties for the program: “PMS DIGITAL DENTISTRY WEEK”. Memento was presented to the speakers. Dr Sreelakshmy Kammath, Senior Lecturer, Department of Prosthodontics delivered the vote of thanks.

The registration of the delegates started 2 weeks back. It was a paid program with a registration fee of Rs.5000.



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The chief resource person of the programme Dr. M Shiva Shankar spoke in depth about various aspects of digital dentistry and about the newer facets of the same which is the future of dentistry. Intra oral scanners were introduced to the audience with keen insights into its functioning and technique of use. Through a working lunch, demonstration and Hands-on sessions were conducted and the days programme ended by 4pm. On day 2, an introductory lecture was delivered to the Prosthodontics faculty, students and delegates on CAD software which was followed by demonstration and hands on sessions for designing various restorations using designated laptops and CAD software. Day 2 ended by 4pm. On Day 3 an in-depth discussion on Production methodologies and 3D printing was carried out and was followed by a live demonstration of the 3D printing process. After a lively interactive hour, the Hands-on sessions for intraoral scanning and implant planning were conducted.

On Day 4, the morning session dealt with Digital Dentistry in Orthodontics with a lecture and demonstration by Dr. Ranjitha Shivanna. The afternoon session included Digital Dentistry in Conservative Dentistry and Endodontics with a Hands-on session for intra oral scanners and a demonstration of designing of restorations. On Day 5, the morning session dealt with Digital Dentistry in Oral and Maxillofacial Surgery with a hands-on session for intra oral scanners and implant planning. The afternoon session included Digital Dentistry in Periodontics and Implants with a Hands-on session for intra oral scanners and implant planning. The programme concluded by 4pm.

Students were very enthusiastic, appreciative and receptive in using the software provided for the hands on and the intensive training for 5 days. The participants learnt about intra oral scanning, the digital workflow, designing of a prosthesis, various materials for fabrication and implant planning. The program was very informative for the participants as it helped them to upgrade their knowledge about Digital dentistry and more importantly have an in person hands on to get to know the topic better.



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Thiruvananthapuram, Kerala, India

JX33+FW3, Thiruvananthapuram, Kerala 695028, India

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Thiruvananthapuram, Kerala, India

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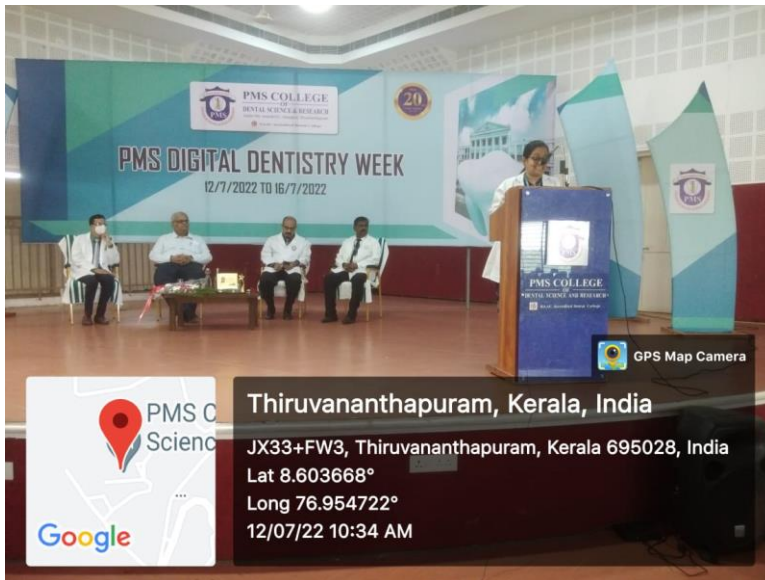
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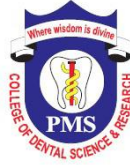
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Dr. Kiran S Shankar
CDE Coordinator PMS college

Dr. Sudeep S
KDC Observer

Head of Department

Department of Prosthodontics and Crown and Bridge



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