

3.4.3 Number of Patents/ Copyrights published/awarded/technology-transferred during the year

Sr. No	Title of the Patent/Copyright	Name of the Patenter/ Copyright awardee	Designation	Department	Institute	Patent / Copyright	Patent/Copyright Number	Type (National / International / Commercialised)	Application date (DD/MM/YYYY)	Published /Granted date (DD/MMM/YYYY)	Year patent was awarded /published	Status (Applied/ Published/ Granted)
1	PROFORMA FOR QUALITATIVE ASSESSMENT OF CHRONIC OROFACIAL PAIN	DR DEEPA J. PATIL, DR CHANDRAMANI B.MORE	READER,PROFESSOR	Oral Medicine and Radiology	KMSDCH	COPYRIGHT	L-118959/2022	National	22/04/2022	22-Nov-22	2022	Granted
2	MOUTH OPENING DEVICE	DR DEEPA J. PATIL, Bipin Patil	READER	Oral Medicine and Radiology	KMSDCH	Patent Design	371387-001	National	24-Sep-22	28-Dec-22	2022	Granted
3	DENTAL PRACTITIONERS' KAP TOOL FOR ORAL CANCER	Dr Palak Shah,Dr.Rashmi Venkatesh	Senior lecturer,Professor	Oral Medicine and Radiology	KMSDCH	COPYRIGHT	L-120320/2022	National	13-Sep-22	30-Dec-22	2022	Granted
4	Dental Mouth Mirror	Dr. Ajay Singh Rao, Dr. Nimisha Shah, Dr Suwidhi Ranka	Reader. Professor, PG Student	Conervative Dentistry & Endodontics	KM Shah Dental College & Hospital	Patent Design	333540-001	National	24-Sep-20	03-Nov-22	2022	Granted
5	AJAY SINGH RAO AND DIKSHIT SOLANKI'S INNOVATIVE TECHNIQUE OF GIVING INFERIOR ALVEOLAR NERVE BLOCK LOCAL ANESTHESIA IN DENTISTRY USING AN ORTHOPANTOMOGRAM RADIOGRAPH (OPG) AS A GUIDING TOOL.	Dr. Ajay Singh Rao, Dr. Dikshit Solanki, Dr. Unnati Shah, Dr. Suwidhi Ranka	Reader, PG students	Conervative Dentistry & Endodontics	KM Shah Dental College & Hospital	Copyright	L-120177/2022	National	07-Aug-22	23-Dec-22	2022	Granted
6	TEMPLATE FOR OSCE-OSPE	DR. PARANJAY PRAJAPATI, Dr Rajesh Sethuraman, Dr Sameer Chauhan, Dr Sneha Kulkarni	PROFESSOR, Professor, Senior lecturer, Tutor	PROSTHODONTICS	KMSDCH	COPYRIGHT	L117129/2022	National	3/31/2022	8/25/2022	2022	Granted
7	ANTERIOR REFERENCE POINT INDICATOR	DR. NAMRATA Naidu, Dr Rajesh Sethuraman, Dr Dhruti Modi, Dr Suravi Sinha	READER, Professor, PG Students	PROSTHODONTICS	KMSDCH	Patent Design	366306-001	National	18/062022	18-Oct-22	2022	Granted
8	HORIZONTAL BURNER BARREL FOR DENTAL LABORATORY AND CLINIC	Dr. Praranjay Prajapati, Dr Rajesh Sethuraman, Dr Sameer Chauhan	PROFESSOR, Professor, Senior lecturer	PROSTHODONTICS	KMSDCH	Patent Design	350273-001	National	28-Sep-21	09-Dec-22	2022	Granted
9	DENTURE CARE INSTRUCTIONS- BHARATI BRAILLE	DR SAMEER CHAUHAN, Dr Paranjay Prajapati, Dr Rajesh Sethuraman	SENIOR LECTURER, Professor, Professor	PROSTHODONTICS	KMSDCH	COPYRIGHT	L119924/2022	National	29-Aug-22	21-Dec-22	2022	Granted
10	DEVICE TO PREPARE REST FOR CAST PARTIAL DENTURE FOR MOLAR	DR KAVITA GUPTA, Dr Tamanna Chhabra, Dr Pranit Bora, Dr Rajesh Sethuraman	PROFESSOR, Professor, PG Student, Professor	PROSTHODONTICS	KMSDCH	Patent Design	364592-001	National	23-May-22	29-Dec-22	2022	Granted
11	WAY TO HEALTHY MOUTH (MONTHLY CHART)	DR PRATIK KARIYA,DR YASH SHAH,DR BRIJESH TAILOR	Reader, Sr. Lecturer, Sr. Lecturer	DEPT OF PEDIATRIC AND PREVENTIVE	KMSDCH	Copyright	L-119332/2022	National	16-Mar-22	05-Dec-22	05-Dec-22	Granted

				DENTISTRY								
12	NOVEL METHODOLOGY TO TREAT FURCAL PERFORATION	DR RUCHI SHAH	Reader	DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS	KMSDCH	Copyright	L-121120/2023	National	27-06-2022	07-03-2023	07-03-2023	Granted
13	Combination for treating dental pulp stones and calcifications	Dr. Ruchi Shah	Reader	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	2.02E+11	National	26-08-2022	17-02-2023	17-02-2023	published
14	SELF RETRACTABLE DENTAL CLAMP	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	379025-001	National	09-02-2023	09-02-2023	09-02-2023	applied
15	Anterior Anatomic Dental Photography Contraster	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	381404-001	National	13-03-2023	13-03-2023	13-03-2023	applied
16	Posterior Sectional Dental Photography Contraster	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	381403-001	National	13-03-2023	13-03-2023	13-03-2023	applied
17	USB based rubber dam dental frame	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	376933-001	National	07-Jan-23	07-Jan-23	44933	published
18	AJAY SINGH RAO AND DIKSHIT SOLANKI'S INNOVATIVE TECHNIQUE OF GIVING INFERIOR ALVEOLAR NERVE BLOCK LOCAL ANESTHESIA IN DENTISTRY USING AN ORTHOPANTOMOGRAM RADIOGRAPH (OPG) AS A GUIDING TOOL	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Copyright	L-120177/2022	National	07-Aug-22	23-Dec-22	44918	Granted
19	Suction Tip	Dr. Ajay Singh Rao	Professor	Department of Conservative Dentistry & Endodontics	KMSDCH	Patent	351501-001	National	20-Oct-21	22-Dec-22	44917	Granted
20	QUALITY OF LIFE ASSESSMENT TOOL FOR ORAL APHTHOUS ULCER	DR. PALAK H. SHAH, DR. RASHMI VENKATESH	Reader, Professor & HOD	Oral Medicine and Radiology	KMSDCH	Copyright	L-120808/2023	National	24-Aug-22	27-Dec-22	44953	published
21	SELF ASSESSMENT TOOL FOR ORAL CANCER (SATOC)	Dr. Palak H. Shah, Dr. Rashmi Venkatesh	Reader, Professor &	Oral Medicine and Radiology	KMSDCH	Copyright	L-120851/2023	National	29-Aug-22	27-Jan-23	44953	published

			HOD									
22	Device to prepare rest for Cast Partial Denture for premolar	Dr. Tamanna Chhabra, Dr. Kavita Gupta, Dr. Rajesh Sethuraman	Professor, Professor	Department of Prosthodontics	KMSDCH	Patent	364593-001	National	23-May-22	25-Apr-23	2023	Granted
23	Easy clean Tongue Cleaner	Dr. Sameer Chauhan, Dr. Paranjay Prajapati	Reader, Professor	Department of Prosthodontics	KMSDCH	Patent	378703-001	National	06-Feb-23	03-May-23	2023	Granted
24	Inter-rim Plate-3mm	Dr. Paranjay Prajapati, Dr. Rajesh Sethuraman, Dr. Sameer Chauhan	Professor, Professor, Reader	Department of Prosthodontics	KMSDCH	Patent	366021-001	National	14-Jun-22	12-May-23	2023	Granted
25	GERIATRIC TONGUE CLEANER	Dr. Paranjay Prajapati, Dr. Sameer Chauhan	Professor, Reader	Department of Prosthodontics	KMSDCH	Patent	378702-001	National	06-Feb-23	12-May-23	2023	Granted
26	PERIODONTAL PROBE	Dr. Pranjay Prajapati, Dr. Sameer Chauhan	Professor, Reader	Department of Prosthodontics	KMSDCH	Patent	381187-001	National	10-Mar-23	18-May-23	2023	Granted
27	SIMULATOR SET FOR EDENTULOUS	Dr. Namrata Shah Naidu, Dr. Rajesh Sethuraman	Reader, Professor	Department of Prosthodontics	KMSDCH	Patent	357575-001	National	29-Jan-22	01-Jun-23	2023	Granted
28	Questionnaire tool for assessment of knowledge, attitude and execution of retention and relapse protocols amongst practicing orthodontists	Dr Romil Shah	Professor	Orthodontics	KMSDCH	COPYRIGHT	L-26596/2022	National	20-Dec-22	12-Jun-23	2023	Granted
29	Questionnaire tool for evaluation of awareness, attitude and experience of using mouth guard amongst sportsperson during contact sports	Dr Romil Shah	Professor	Orthodontics	KMSDCH	COPYRIGHT	L-13702/2023	National	25-May-23	06-Jul-23	2023	Granted
30	Orthodontic Stand	Dr Romil Shah	Professor	Orthodontics	KMSDCH	Patent	356238-001	National	06-Jan-22	23-Mar-23	2022	Granted
31	SELF-DESIGNED QUESTIONNAIRE ON GUIDED ENDODONTICS	Dr. Ajay Singh Rao	Professor	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L-130499/2023	National	07-06-2022	24-07-2023	2023	Published
32	PENTACLE ORAL PHYSIOTHERAPY INSTRUMENT	Dr. Renu Batra	Professor	Conservative Dentistry & Endodontics	KMSDC H	Patent	381746-001	National	18-03-2023	31-05-2023	2023	Published
33	DR. AJAY & DR. ASHWIN'S CLASSIFICATION OF SEPARATED ENDODONTIC INSTRUMENT	Dr. Ajay Singh Rao, Dr. Ashwin Surana	Professor	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L-126437/2023	National	10-04-2023	16-06-2023	2023	Published
34	KV AND SHROFF'S MEDICATED SMEFLON	Dr. Manan Shroff, Dr. Kishan K.V.	P.G. Student, Professor	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L-128392/2023	National	02-04-2022	06-07-2023	2023	Published
35	AN INNOVATIVE AND	Dr. Ajay Singh Rao,	Professor,	Conservative	KMSDC	Copyright	L-	National	31-05-2022	28-06-2023	2023	Published

	SIMPLE TECHNIQUE TO CREATE A CARRIER INSTRUMENT TO CARRY FULL OR PARTIAL COVERAGE DENTAL RESTORATIONS	Dr. Suwidhi Ranka, Dr. Unnati Shah, Dr. Dikshit Solanki	PG Student, PG Student, PG Student	e Dentistry & Endodontics	H	ht	127359/2023					
36	QUESTIONNAIRE- BASED STUDY DESIGN TO EVALUATE A CORRELATION BETWEEN THE' ADDED-SUGAR' INTAKE AND THE PREVALENCE OF DENTAL CARIES.	Dr. Ajay Singh Rao, Anushka sakhala, Dr. Ruchi Shah, Dr. Unnati Shah	Professor, UG Student, Reader, PG Student	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L- 129924/2023	National	22-02-2023	17-07-2023	2023	Published
37	K & S PROXYCONTACT SENSOR	Dr. Kishan K.V., Dr. Shreya Volety	Professor, PG Student	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L- 127368/2023	National	28-01-2023	28-06-2023	2023	Published
38	SELF-ASSESSMENT TOOL (SAT) FOR OSMF	Dr Palak Shah, Dr. Rashmi Venkatesh	Senior lecturer, Professor	Oral Medicine and Radiology	KMSDC H	COPYRIGHT	: L- 121353/2023	National	21-09-2022	06-04-2023	44825	
39	Novel Device for Bruxism	Dr Deepa J Patil	Professor	Oral Medicine and Radiology	KMSDC H	COPYRIGHT	L- 122665/2023	National	17-11-2022	31-05-2023	2023	Granted
40	Questionnaire to assess Emotional Well-Being Among Undergraduate-Dental Students-	Dr Deepa J Patil	Professor	Oral Medicine and Radiology	KMSDC H	COPYRIGHT	L- 125036/2023	National	27-11-2022	13-06-2023	2023	Granted
41	OSMF pre and post treatment Quality of life Assessment Scale	Dr. Akansha Budakoti	Senior lecturer	Oral Medicine and Radiology	KMSDC H	COPYRIGHT	L- 123596/2023	National	02-12-2022	05-06-2023	2023	Granted
42	Assessment tool for evaluating attitude of patients and dental students towards complementary and alternative medicine in a dental management	Dr. Akansha Budakoti	Senior lecturer	Oral Medicine and Radiology	KMSDC H	COPYRIGHT	L- 130209/2023	National	17-05-2022	17-07-2023	2023	Granted
43	KNOWLEDGE, AWARENESS AND	Dr. Seema Bargale, Dr. SHITAL KIRAN	Professor	DEPT OF PEDIATRIC	KMSDC H	Copyright	L- 125609/2023	National	31-01-2023	14-06-2023	2023	Granted

	ATTITUDE TOWARDS OPEN ARTIFICIAL INTELLIGENCE SYSTEM BASED CHATGPT AMONG THE STUDENTS OF DENTAL COLLEGES IN GUJARAT, INDIA	DAVANGERE PADMANABH, KHUSHALI RAJENDRAGIRI GOSWAMI		AND PREVENTIVE DENTISTRY			3					
44	Desquamative Gingival lesion - Awareness and practice questionnaire	Dr. Monali Shah, Dr Megha Poojary	Professor, Post graduate student	Periodontology	KMSDCH< Sumandee p Vidyapeeth	Copyright	L-128212/2023	National	24-05-2023	05-Jul-23	2023	Granted
45	Questionnaire to assess patient based outcome following scaling and root planning	Dr. Prasad Nadig, Dr Hardi Gandhi	1. Professor, 2 Post graduate student	Periodontology	KM Shah Denta; College & Hospital	Copyright	L-126874/2023	National	18-05-2023	21-06-2023	45047	Granted
46	OCCUPLANE-TEMPLATE TO EVALUATE ARTIFICIAL TEETH ARRANGEMENT	DR. PARANJAY PRAJAPATI, DR. RAJESH SETHURAMAN, DR. SAMEER CHAUHAN, DR. SNEHA KULKARNI	PROFESSOR, PROFESSOR & HOD, READER, TUTOR	PROSTHODONTICS	KMSDC H	COPYRIGHT	L-115832-2022	NATIONAL	10-03-2022	23/05/2022`	2022	GRANTED
47	Questionnaire for assessing quality of life in patients with neuropathic pain	Dr Deepa J Patil	Professor	Oral Medicine and Radiology	KMSDC H	Copyright	L-122666/2023	National	17-11-2022	31-05-2023	2023	Granted
48	Algorithm for Practicing Personalised Precision Medicine for Treatment of Oral Cancer	Dr Deepa J Patil	Professor	Oral Medicine and Radiology	KMSDC H	Copyright	L-125926/2023	National	27-11-2022	15-06-2023	2023	Granted
49	Oral lichen planus (OLP) lesions severity scale	Dr Palak Shah, Dr. Rashmi Venkatesh	Reader, Professor	Oral Medicine and Radiology	KMSDC H	Copyright	L-121917/2023	National	02-09-2022	18-05-2023	2023	Granted
50	Evaluation criteria for rubber dam sealing material	Dr Jaimini Patel, Dr Nimisha Shah	PG Student, Professor & Head	Conservative Dentistry & Endodontics	KMSDC H	Copyright	L-122463/2023	NATIONAL	13-01-2022	30-May-23	2023	Published