

**GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE  
DEPARTMENT OF HEALTH RESEARCH**

**RAJYA SABHA  
UNSTARRED QUESTION NO. 283  
TO BE ANSWERED ON 04<sup>TH</sup> FEBRUARY, 2025**

**CANCER RESEARCH AND TREATMENT**

**283. SHRI SANDOSH KUMAR P:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) the details of the public and private sector research institutions that currently undertake clinical trials related to cancer research and treatment;
- (b) the details of the patents taken by Indian researchers in cancer research and treatment, State-wise; and
- (c) the total funds allotted by the Central Government for cancer research and treatments in each State?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY  
WELFARE  
(SHRI PRATAPRAO JADHAV)**

(a): Indian Council of Medical Research (ICMR) has informed that Clinical trials related to cancer research and treatment have been undertaken in various public and private sector research institutions. Some of them are as follows: AIIMS, New Delhi; Tata Memorial Centre, Mumbai; ICMR-National Institute Pathology, New Delhi; PGIMER Chandigarh; AIIMS, Bhubaneswar; AIIMS, Jodhpur; Safdarjung Hospital and VMMCC New Delhi; Maulana Azad Medical College, New Delhi; Amala Institute of Medical Sciences, Thrissur; JIPMER, Puducherry; AIIMS, Rishikesh; IMS & SUM Hospital, Bhubaneswar; Christian Medical College (CMC) Ludhiana; Christian Medical College (CMC), Vellore; Cancer Institute, (WIA), Chennai; Tata Medical Centre Kolkata & CSTU, TMC, Kolkata; MPMMM Cancer Centre and Homi Bhabha Cancer Hospital, Varanasi and Asian Healthcare Foundation, Hyderabad among others.

(b): Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry has provided a list of patents granted to Indian applicants, based on keyword-based search for patents related to cancer treatment. The details of patents granted in India to Indian applicants, including the applicant's state, application number, patent number, date of grant, applicant name, and title of the invention, are provided in the list at Annexure-I.

(c): Department of Health and Family Welfare has provided the State/UT wise details of State Program Implementation Plan (SPIP) approvals for National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) under National Health Mission during the period of F.Y. 2021-22 to 2023-24. The details are at Annexure-II.

Further, Department of Biotechnology (DBT) has informed that DBT does not provide funds directly to the States, however it provides financial support to the institutions across the country for cancer research. The details of funding support in cancer research for the current financial year is at Annexure-III.

Indian Council of Medical Research (ICMR) has informed that it has supported various cancer research projects and has allocated around Rs 300 crores on cancer research in F.Y. 2023-24.

Department of Health Research (DHR) along with ICMR runs a project titled DHR-ICMR Advanced Molecular Oncology Diagnostic Services (DIAMOnDS). Under the Project, zonal oncopathology labs are set up in order to provide basic as well as high-end advance diagnostic services to cancer patients and research facilities for basic, translational and clinical research. An amount of Rs 29.59 Crores has been spent under DIAMOnDS Project since 2023-24.

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## Annexure I

**PATENT GRANTED TO INDIAN APPLICANTS FOR CANCER RELATED PROCESSES OR PRODUCTS (STATE-WISE LIST)**

**List provided by DPIIT, Ministry of Commerce and Industry**

<b>Applicant State</b>	<b>Application Number</b>	<b>Patent Number</b>	<b>Date of Grant of Patent</b>	<b>Applicant Name</b>	<b>Title of Invention</b>
Andhra Pradesh	1159/CHE/2004	249934	11/23/2011	UNDURTI NARASIMHA DAS	METHOD OF POTENTIATING THE ACTIONS OF THERAPEUTIC MONOCLONAL AND POLYCLONAL ANTIBODIES
Andhra Pradesh	1199/CHE/2004	241908	7/30/2010	UNDURTI NARASIMHA DAS	PREPARATION AND FORMULATION OF A NUTRITIONAL THERAPEUTIC SUPPLEMENT TO SUPPRESS ALLERGIC AND AUTOIMMUNE DISORDERS
Andhra Pradesh	201741020910	357756	2/4/2021	Swayamsiddha KAR	SPIROBIBENZOPYRANS AND ANALOGUES AS MULTITHERAPEUTIC AGENTS
Andhra Pradesh	201741011546	343246	8/4/2020	GITAM University	A NOVEL COMPOUND WITH ANTI-CANCER PROPERTIES
Andhra Pradesh	201741046873	400076	6/27/2022	SRI VENKATESWARA UNIVERSITY	AMINO-CHROMENO-PYRIMIDINE-PHOSPHONATE DERIVATIVES AS BIOACTIVE COMPOUNDS AND PREPARATION THEREOF
Andhra Pradesh	1647/CHE/2006	262266	8/11/2014	MYLAN LABORATORIES LTD	DIBENZOFURAN DERIVATIVES AS INHIBITORS OF PDE4 AND PDE10
Andhra Pradesh	2439/CHE/2009	308182	2/27/2019	INCOZEN THERAPEUTICS PVT. LTD.	NOVEL MODULATORS OF CALCIUM RELEASE-ACTIVATED CALCIUM CHANNEL
Andhra Pradesh	202341020571	549128	8/29/2024	Aditya Engineering College	An Adaptive Relaxing Medical Chair and Method of Operating the Same
Andhra Pradesh	4962/CHE/2012	302668	10/31/2018	EEDERA VEERA VENKATA RAMAPRASAD	A PROCESS FOR THE ISOLATION AND PURIFICATION OF LYCOPENE FROM

					RHODOSPIRILLUM SULFUREXIGENS JA143T AND RHODOSPIRILLUM ORYZAE JA318T AND UTILIZATION THEREOF
Andhra Pradesh	2646/CHE/2013	473793	11/28/2023	DR. SABINCAR UVARAJ SREERAM CHANDAR	PROCESS FOR PREPARATION OF HIGHLY POTENT AND IMMEDIATE IMMUNOMODULATORY, ANTIALLERGIC, ANTIINFLAMMATORY AND HEMATOSTIMULATORY AQUEOUS STEM BARK EXTRACT FROM NEEM
Andhra Pradesh	45/CHE/2007	241484	7/7/2010	SUVEN LIFE SCIENCES LIMITED	5 - (HETEROCYCLYL)ALKYL-N-(ARYLSULFONYL)INDOLE COMPOUNDS AND THEIR USE AS 5-HT6 LIGANDS
Andhra Pradesh	5532/CHE/2015	447770	8/28/2023	VEMU INSTITUTE OF TECHNOLOGY	PIPER BETLE L.CV. GHAZIPUR - PURE EUGENOL RESOURCE AND ITS BIOSYNERGISTIC POTENTIAL AGAINST HUMAN MALIGNANCIES
Andhra Pradesh	6/CHE/2004	277044	11/9/2016	SUVEN LIFE SCIENCES LIMITED	3-(PYRROLIDIN-3-YL)INDOL ES AS 5-HT6 RECEPTORS MODULATORS
Andhra Pradesh	6974/CHE NP/2013	301950	10/8/2018	NATCO PHARMA LIMITED	FORMULATION COMPRISING PHENYLAMINOPYRIMIDINE DERIVATIVE AS ACTIVE AGENT
Andhra Pradesh	44/CHE/2007	241819	7/27/2010	SUVEN LIFE SCIENCES LIMITED	4-(HETEROCYCLYL) ALKYL-N-(ARYLSULFONYL)INDOLE COMPOUNDS AND THEIR USE AS 5-HT6 LIGANDS
Andhra Pradesh	201641026047	390294	2/24/2022	SIVA SANKER REDDY LINGAREDDYGARI	DIAZENYL GROUP CONTAINING CHALCONES AND COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME
Bihar	202331080733	555298	11/28/2024	National Institute of Technology Patna	SECURE HEALTHCARE IMAGING SYSTEM WITH MULTIMODAL BIOMETRIC, DATA HIDING AND ENCRYPTION
Bihar	202331035246	546538	7/30/2024	NATIONAL INSTITUTE OF	A FIELD EFFECT TRANSISTOR BASED

				TECHNOLOGY, PATNA	BIOSENSOR DEVICE FOR DETECTION OF CANCER CELL
Chandigar h	201811015 874	447454	8/25/202 3	Dr. SHUKLA, Jaya	MICROSPHERE COLD KIT FOR APPLICATION IN TRANS-ARTERIAL CANCER THERAPY
Chandigar h	202211058 363	558261	1/20/202 5	Chitkara Innovation Incubator Foundation	SYSTEM AND METHOD FOR DETECTION OF BRAIN TUMOR
Chandigar h	891/DEL/2 008	306804	2/4/2019	PANJAB UNIVERSITY	A RADIOACTIVE TRIMER COMPLEX FOR THE DETECTION OF TUMORS
Chhattisga rh	202321036 421	540308	5/30/202 4	INDIAN INSTITUTE OF TECHNOLOGY, BHILAI	A MULTI-ARM STAR MULTI- STIMULI RESPONSIVE DIBLOCK COPOLYMER AND METHOD OF PREPARATION THEREOF
Delhi	5666/DEL NP/2006	248545	7/25/201 1	DABUR PHARMA LTD	"FLAVOPEREIRINE DERIVATIVES FOR CANCER THERAPY"
Delhi	570/DEL/2 007	268507	8/31/201 5	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CANCER AND RELATED DISORDERS
Delhi	77/DEL/20 15	389280	2/15/202 2	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	1,2,3-TRIAZOLE-TETHERED CARBOHYDRATE-DI AND TRI LIPIDATED CYSTEINE CONJUGATES USEFUL AS NOVEL VACCINE ADJUVANTS AND METHODS FOR THE PREPARATION THEREOF
Delhi	794/DEL/2 005	244612	12/13/20 10	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"AN IMPROVED PROCESS FOR THE ISOLATION OF WITHAFERIN-A FROM PLANT MATERIALS"
Delhi	953/DEL/2 007	291453	1/5/2018	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL 4&#946;-AMINO PODOPHYLLOTOXIN CONGENERS AS POTENTIAL ANTICANCER AGENTS AND A PROCESS FOR THE PREPARATION THEREOF
Delhi	1566/DEL/ 2014	357277	1/29/202 1	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	CATIONIC LIPID CORDIARIMIDE HYBRID COMPOUNDS AND A PROCESS FOR PREPARATION THEREOF

Delhi	1626/DEL/ 2007	262806	9/16/201 4	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	PYRROLO [2,1-C] [1,4] BENZODIAZEPINE-GLYCOSI DE PRODRUG USEFUL AS A SELECTIVE ANTI TUMOR AGENT
Delhi	1184/DEL/ 2004	241416	7/2/2010	The Secretary, Department of Biotechnology	"A CHEMOTHERAPEUTIC COMPOSITION USED IN THE TREATMENT OF CANCER."
Delhi	1280/DEL/ 2003	225222	11/5/200 8	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A COMPOSITION USEFUL FOR TREATING ACUTE AND CHRONIC MYELOID LEUKEMIA
Delhi	201611027 102	492272	12/30/20 23	DATT LIFE SCIENCE PVT. LTD.	MULTIFUNCTIONAL FORMULATION COMPRISED OF NATURAL INGREDIENTS AND METHOD OF PREPARATION/MANUFACTU RING THEREOF
Delhi	1846/DEL/ 2014	445341	8/16/202 3	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	ANTICANCER AGENT AND PROCESS FOR THE PREPARATION THREEROF
Delhi	201611003 778	422391	2/20/202 3	Amir Azam	(E)-N-(1-(3-CHLOROPHENY L)PROPYLIDENE)-4-METHY LBENZENE SULFONOHYDRAZIDE (SH- 2): POTENTIAL MOLECULE AGAINST PROSTATE CANCER
Delhi	201611041 748	311754	4/26/201 9	SECRETARY, DEPARTMENT OF BIOTECHNOLOGY	A DEVICE FOR BIOPSY
Delhi	1712/DEL/ 1997	186131	1/25/200 2	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	"A PROCESS FOR THE PREPARATION OF 4β-1"- 2[(SUBSTITUTED 10 BENZOYL) ANILINO] -4- DESOXYPODOPHYLLOTOXI N USEFUL AS ANTICANCER AGENTS"
Delhi	1006/DEL/ 2000	192491	9/29/200 5	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH,	"A ONE-POT PROCESS FOR THE SYNTHESIS OF NOVEL PODOPHYLLOTOXIN DIMERS AS POTENTIAL ANTICANCER AGENTS"
Delhi	1192/DEL/ 1999	191209	5/6/2004	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	"A PROCESS FOR THE PREPARATION OF A NOVEL BIOMARKER SPECIFIC FOR O-ACETYLATED SIALIC

					ACID USEFUL FOR THE DIAGNOSIS, MONITORING OUTCOME OF TREATMENT AND PREDICTION OF RELAPSE."
Delhi	124/DEL/2010	294263	3/14/2018	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL PORPHYRIN DERIVATIVES FOR PHOTODYNAMIC THERAPY (PDT): A PROCESS FOR THE PREPARATION THEREOF AND THEIR USE AS PDT AGENTS AND FLUORESCENCE PROBES FOR BIOLOGICAL APPLICATIONS
Delhi	1242/DEL/2008	286791	8/29/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	CHEMO-DEFLUORIDATION PROCESS UNIT
Delhi	1321/DEL/2007	328622	12/31/2019	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	A SYNERGISTIC NON-TOXIC HERBAL FORMULATION EXTRACTED FROM WITHANIA SOMNIFERA USEFUL FOR ANTI-CANCER AND TH1-DOMINANT IMMUNE UP-REGULATING ACTIVITIES
Delhi	201811019066	518667	3/1/2024	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A PROCESS FOR DETECTION AND MEASUREMENT OF FLUORIDE LEVEL IN WATER
Delhi	1570/DEL/2014	338370	6/11/2020	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	FORMULATION FOR TARGETED DELIVERY OF ANTICANCER COMPOUND
Delhi	1950/DEL/2010	292752	2/9/2018	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	CARBONATE FREE LAYERED DOUBLE HYDROXIDES AND A PROCESS FOR THE PREPARATION THEREOF
Delhi	202311016784	556810	12/24/2024	Dr. Tanveer Ahmad	SYSTEM AND METHOD FOR GENOMIC MARKERS AND DIGITAL PATHOLOGY IMAGE-BASED PREDICTION OF ORAL MALIGNANT DISORDERS
Delhi	202311081	547189	8/6/2024	JAMIA HAMDARD	A NANO FORMULATION

	080				AND A METHOD OF PREPARATION THEREOF
Delhi	2105/DEL/2015	356367	1/21/2021	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2-BENZYL-INDANONE COMPOUND AS ANTICANCER AGENT AND A PROCESS OF PREPARATION THEREOF
Delhi	207/DEL/2011	314002	6/11/2019	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A SYNTHETIC PEPTIDE FORMULATION AGAINST MELANOMA AND OTHER CANCER OVER-EXPRESSING S100B
Delhi	2396/DEL NP/2004	233542	3/30/2009	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	A SYNERGISTIC PHARMACEUTICAL COMPOSITION FOR MYELOID LEUKEMIA
Delhi	252/DEL/2007	286707	8/28/2017	NATIONAL INSTITUTE OF IMMUNOLOGY	"IMMUNOTHERAPEUTIC COMPOSITION"
Delhi	2344/DEL/2009	272087	3/16/2016	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"A MERCAPTO PHENYL NAPHTHYL METHANE COMPOUNDS AND PREPARATION THEREOF"
Delhi	254/DEL/2007	284087	6/8/2017	NATIONAL INSTITUTE OF IMMUNOLOGY	"NOVEL IMMUNOTHERAPEUTIC METHOD FOR TREATMENT OF CANCER"
Delhi	331/DEL/1999	191231	4/26/2004	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	"A PROCESS FOR THE PREPARATION OF ANTISERA USEFUL FOR IMMUNODIAGNOSIS OF BRAIN TUMOR"
Delhi	383/DEL/2006	254250	10/9/2012	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	NOVEL BIS-PYRROLO[2,1-C][1,4] BENZODIAZEPINE-ANTHRAQUINONE CONJUGATES AND A PROCESS FOR THE PREPARATION THEREOF
Delhi	2460/DEL/2014	342141	7/21/2020	JAMIA HAMDARD UNIVERSITY	AN ANDROGRAPHOLIDE COMPOUND AND PROCESS OF PREPARATION THEREOF
Delhi	2540/DEL/2008	285045	7/11/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	CINNAMIDO-PYRROLO[2,1-C][1,4]BENZODIAZEPINES AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	2598/DEL/	275269	8/30/201	COUNCIL OF	QUINAZOLINONE LINKED

	2008		6	SCIENTIFIC & INDUSTRIAL RESEARCH	PYRROLO[2,1-C][1,4]BENZO DIAZEPINE HYBRIDS AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	2639/DEL/2007	276287	10/10/2016	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	AN IMPROVED PROCESS FOR PREPARATION OF TRANS-3, 4-DIARYLCHROMAN
Delhi	306/DEL/2015	368745	6/7/2021	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	AN IMPROVED PROCESS FOR THE PREPARATION OF GOLD NANOROD ENCAPSULATED MESOPOROUS SILICA NANOHYBRID (GMS) AND USE THEREOF
Delhi	3369/DEL/2014	408862	10/11/2022	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL 1,3,5-TRIAZINE BASED PI3K INHIBITORS AS ANTICANCER AGENTS AND A PROCESS FOR THE PREPARATION THEREOF
Delhi	365/DEL/2015	341444	7/14/2020	INDIAN INSTITUTE OF TECHNOLOGY , NEW DELHI	STIMULI RESPONSIVE BIOCOMPATIBLE AND BIODEGRADABLE POLYMERIC NANOSYSTEM FOR CANCER THERAPEUTICS
Delhi	747/DEL/2003	242189	8/18/2010	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	"NEW PYRIMIDINE LINKED PYRROLO[2,1-c][1,4]BENZODIAZEPINES AS PONTENTIAL ANTITUMOUR AGENTS"
Delhi	4092/DEL/2015	372562	7/23/2021	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL PYRROLOISOINDOLONE COMPOUNDS AND PROCESS FOR PREPARATION THEREOF
Delhi	278/DEL/2007	263345	10/21/2014	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL CATIONIC 17 &#945;-SUBSTITUTED-ESTRADIOL DERIVATIVES USEFUL AS ANTI-CANCER AGENT
Delhi	499/DEL/2001	195854	4/21/2006	THE ADDITIONAL DIRECTOR (IPR)	"A PROCESS FOR PREPARATION OF TECHNETIUM-4-FLUOROQUINOLONE METALLIC COMPLEX"
Delhi	537/DEL/2008	302219	10/15/2018	COUNCIL OF SCIENTIFIC &	CHALCONE LINKED PYRROLO [2,1-C][1,4]

				INDUSTRIAL RESEARCH	BENZODIAZEPINE HYBRIDS AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	924/DEL/2006	300638	8/31/2018	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL INTEGRIN BINDING RGD-HIPOPEPTIDES WITH GENE TRANSFER ACTIVITIES
Delhi	431/DEL/2004	216298	3/12/2008	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION	A PROCESS FOR THE PREPARATION OF TOPICAL FORMULATION FOR PREVENTION OF PERIPHERAL VASCULAR DISEASES
Delhi	602/DEL/2008	282164	3/31/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL PHENANATHRYLPHENOL LINKED PYRROLO [2,1,-C][1,4] BENZODIAZEPINE HYBRIDS AS POTENTIAL ANTITUMOUR AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	603/DEL/2008	284153	6/12/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOVEL BENZIMIDAZOLE LINKED PYRROLO[2, 1-C] BENZODIAZEPINE HYBRIDS AS POTENTIAL ANTITUMOUR AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	6539/DEL NP/2009	287282	9/11/2017	RANBAXY LABORATORIES LIMITED,	"PYRAZOLO [3,4-B] PYRIDINE DERIVATIVES AS PHOSPHODIESTERASE INHIBITORS"
Delhi	807/DEL/2015	408952	10/12/2022	INDIAN COUNCIL OF AGRICULTURE RESEARCH (ICAR)	MANGIFERA INDICA FLOWER PANICLES' EXTRACT STABILIZED GOLD NANOPARTICLES AND METHOD FOR MAKING THE SAME
Delhi	263/DEL/1999	191203	6/7/2004	AMARNATH MAITRA	"A PROCESS FOR THE PREPARATION OF PACLITAXOL LOADED POLYMERIC MICELLE NANOPARTICLES FOR USING AS ANTICANCER FORMULATIONS"
Delhi	2937/DEL	225144	11/3/200	COUNCIL OF	"A PHARMACEUTICAL

	NP/2004		8	SCIENTIFIC & INDUSTRIAL RESEARCH	COMPOSITION FOR THE CHEMOTHERAPEUTIC TREATMENT OF CANCER"
Delhi	3076/DEL/2014	358184	2/10/2021	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	(Z)-3,4,5-TRIMETHOXYSTRYRYLENZENESULFONAMIDES AS POTENTIAL ANTICANCER AGENTS
Delhi	3158/DEL/2005	251579	3/26/2012	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"NOVEL LOGANIN ANALOGUES AND A PROCESS FOR THE PREPARATION THEREOF"
Delhi	785/DEL/2008	284169	6/13/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	ISOXAZOLINE LINKED PYRROLO[2,1-C][1,4]BENZODIAZEPINE HYBRIDS AS POTENTIAL ANTICANCER AGENTS AND THE PROCESS FOR PREPARATION THEREOF
Delhi	3818/DEL/2015	359878	3/1/2021	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	FUSED PYRIMIDINES AS ISOFORM SELECTIVE PHOSPHOINOSITIDE-3 KINASE-ALPHA INHIBITORS AND PROCESS FOR PREPARATION THEREOF
Delhi	392/DEL/2011	290369	12/7/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2-PHENYL BENZOTHLAZOLE LINKED IMIDAZOLE COMPOUNDS AS POTENTIAL ANTICANCER AGENTS
Delhi	957/DEL/2007	267639	7/27/2015	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"COMPLETE SOLUBLE PROTEIN ANTIGEN AS VACCINE AND THERAPEUTICS AGAINST KALA-AZAR"
Delhi	661/DEL/2002	195018	3/17/2006	ADDITIONAL DIRECTOR (IPR)	"A PROCESS FOR THE PREPARATION OF A RADIO PROTECTIVE AND ANTI-CANCER HERBAL FORMULATION BASED ON RUBIA CORDIFOLIA AND SEMICORPUS ANACARDIUM"
Delhi	683/DEL/2010	325499	11/21/2019	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"PYRROLO [2,1-C] [1,4] BENZODIAZEPINE-BENOTHIAZOLE OR BENZOXAZOLE CONJUGATES LINKED THROUGH PIPERAZINE MOIETY AS POTENTIAL

					ANTITUMOUR AGENT AND PROCESS FOR THE PREPARATION THEREOF
Delhi	755/DEL/2003	195001	3/17/2006	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A METHOD OF ISOLATING FRACTION FROM ARIAL PARTS OF PIPER BETEL
Delhi	911/DEL/2002	210537	10/5/2007	NATIONAL INSTITUTE OF IMMUNOLOGY	"IMMUNOMODULATORY COMPOUND FOR TREATING CANCER"
Delhi	201711042347	349360	10/15/2020	SARVESH SHARMA	A NOVEL ANTI-CANCER FORMULATION
Delhi	2076/DEL/2014	434083	6/8/2023	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	SOPHOROLIPID MEDIATED ENHANCEMENT OF CURCUMIN BIOAVAILABILITY AND SYNERGISTIC EFFECT FOR CYTO-TOXICITY OF CANCER CELL LINES
Delhi	2121/DEL/2009	285355	7/18/2017	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"IMIDAZOTHIAZOLE-CHALCONE HYBRIDS AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF"
Delhi	270/DEL/2011	308121	2/26/2019	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	BENZOTHIAZOLE HYBRIDS USEFUL AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF
Delhi	473/DEL/2003	234308	5/19/2009	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	"2-ALKYL 4,5 DISUBSTITUTED 6-METHOXYPRIMAQUINONE ANALOGUES"
Goa	202321088070	556135	12/11/2024	Dr. Liesl Maria Fernandes e Mendonça	ISOLATION OF GARDENIN-B FROM BAUHINIA FOVEOLATA LEAVES AND ITS ANTICANCER ACTIVITY AGAINST CERVICAL CANCER CELL LINES
Gujarat	1216/MUM/2007	289198	11/3/2017	VEER NARMAND SOUTH GUJARAT UNIVERSITY	NOVEL TETRAHYDOPYRIMIDINE COMPOUNDS AS ANTICANCER AGENTS AND MICROWAVE ASSISTED PROCESS FOR THEIR PREPARATION
Gujarat	176/MUM/2010	269455	10/23/2015	CONCEPT MEDICAL RESEARCH PRIVATE	A BALLOON CATHETER ASSEMBLY FOR TREATING

				LIMITED	BIFURCATION LESIONS
Gujarat	201621027 691	344646	8/20/2020	Dr. Hetal Paresh Thakkar	PEGYLATED SPHERULITES OF ANTICANCER ACTIVE INGREDIENTS
Gujarat	202321003 196	543661	6/28/2024	National Institute of Pharmaceutical Education and Research (NIPER)- Ahmedabad	PYRANOACRIDONE COMPOUNDS AND PROCESS FOR PREPARATION THEREOF
Gujarat	202321030 515	552394	10/15/2024	Chirag A. Chamakiya	PROCESS FOR THE PREPARATION OF 7-AZAINDOLE HYBRIDS AS POTENTIAL ANTITUMOR AGENTS
Gujarat	202321060 735	541431	6/11/2024	ANNU CHOUDHARY	A TETRACYCLIC BENZIMIDAZOLE DERIVATIVES, PREPARATION METHOD, USE AND THEREOF.
Gujarat	202321031 819	528662	3/18/2024	Dipti B. Upadhyay	A TETRAHYDROPYRIMIDINE CARBOXAMIDE DERIVATIVES
Gujarat	202321027 020	534180	4/22/2024	National Institute of Pharmaceutical Education and Research (NIPER)- Ahmedabad	POLYFLUORINATED SQUARAMIDE ANTICANCER COMPOUNDS AND USE THEREOF
Gujarat	4275/MUM M/2015	382615	11/25/2021	KHETANI NIKITA VINODBHAI	SOLID NANOPARTICLES OF EPIRUBICIN AND PROCESS OF PREPARATION THEREOF
Gujarat	464/MUM/ 2010	297641	6/14/2018	CADILA PHARMACEUTICALS LTD	A PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION OF KILLED CELLS WITH SUBSTANTIALLY RETAINED IMMUNOGENICITY
Gujarat	3538/MUM M/2010	294015	3/9/2018	AVANCE PHYTOTHERAPIES PVT. LTD.	CURCUMIN MONOSULPHATE, ITS SALTS, PROCESS FOR SYNTHESIS THEREOF AND TREATMENT OF CANCER
Gujarat	373/MUM/ 2010	261078	6/3/2014	ZOTA HEALTH CARE LTD	"AN ANTIOXIDANTS GRANULE COMPOSITIN"
Gujarat	4/MUM/20 12	351483	11/12/2020	MS. DEEPA HARESHKUMAR	"TOPICAL GEL OF ADAPALENE AND

				PATEL	AZITHROMYCIN COMBINATION"
Gujarat	1113/MUM/2008	272803	4/27/2016	CADILA HEALTHCARE LIMITED	COMBINED MEASLES-HUMAN PAPILLOMA VACCINE FOR THERAPEUTIC AND PROPHYLACTIC USE
Gujarat	1892/MUM/2007	249375	10/18/2011	CLARIS LIFESCIENCES LIMITED	A PROCESS OF PREPARING PEGYLATED LIPOSOMAL DRUG DELIVERY SYSTEM FOR DOXORUBICIN HYDROCHLORIDE
Gujarat	201821043610	460318	10/18/2023	National Institute of Pharmaceutical Education and Research, Ahmedabad	'MIX AND DELIVER TYPE' IN VIVO APPLICABLE POLYMERIC GENE TRANSFECTING REAGENT FOR CANCER THERAPY
Haryana	1614/DEL/2014	372977	7/28/2021	GOEL PAWAN KUMAR	GREEN COFFEE BEAN EXTRACT AND METHOD THEREOF
Haryana	497/DEL/2015	398067	5/30/2022	BALWANT RAI	A NEW HERBAL FORMULATION AS PREVENTIVE MAJOR FOR VARIOUS CANCER AND NEUROLOGICAL DISEASES TREATMENT
Himachal Pradesh	201711039014	399979	6/24/2022	Dr. Shamsher Singh Kanwar	A METHOD FOR PRODUCING ANTI-CANCER ENZYME L-METHIONASE
Himachal Pradesh	201711026145	419894	1/31/2023	DR. PAMITA AWASTHI	SULFONAMIDES ANALOGUES TO BE ANTICANCER, ANTIBACTERIAL, ANTIFUNGAL, CARBONIC ANHYDRASE INHIBITOR AND ANTIDIABETIC AGENTS
Himachal Pradesh	201811043892	492322	12/30/2023	SHOOLINI UNIVERSITY OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES	A pH-Sensitive functionalized Tragacanth Gum nano gel for Cancer Treatment
Himachal Pradesh	1882/DEL/2008	288464	10/17/2017	VAID RAJ KUMAR GAUTAM	"A METHOD OF PREPARING NEW ANTI CANCER HERBAL MEDICINE AND PRODUCT THERE OF"
Karnataka	1728/CHE/	351252	11/10/20	INDIAN INSTITUTE	COMPOUNDS FOR

	2013		20	OF SCIENCE	ACTIVATION OF MUTANT P53 PROTEIN AND METHODS THEREOF
Karnataka	201641013646	407786	9/27/2022	CHRIST UNIVERSITY	Conjugate of Estradiol and applications thereof
Karnataka	201741001295	343068	7/31/2020	Manipal University	METHOD OF PREPARING AN ANALOGUE OF QUERCETIN THAT SPECIFICALLY INHIBITS HDAC-8 ENZYME
Karnataka	201747036362	350048	10/26/2020	JUBILANT BIOSYS LIMITED	TRICYCLIC FUSED DERIVATIVES OF 1-(CYCLO)ALKYL PYRIDIN-2-ONE USEFUL FOR THE TREATMENT OF CANCER
Karnataka	201741007724	408050	9/29/2022	Mazumdar Shaw Medical Foundation	SALIVARY PROTEIN BIOMARKERS FOR THE DIAGNOSIS AND PROGNOSIS OF HEAD AND NECK CANCERS
Karnataka	201741017679	303949	12/4/2018	SASCAN MEDITECH PRIVATE LIMITED	HAND-HELD BIOPHOTONIC MEDICAL DEVICE, METHOD AND SYSTEM FOR MULTIMODAL AND MULTISPECTRAL IMAGING OF A TISSUE
Karnataka	201847047949	365555	4/28/2021	NIRAMAI HEALTH ANALYTIX PVT. LTD.	BLOOD VESSEL EXTRACTION IN TWO-DIMENSIONAL THERMOGRAPHY
Karnataka	201847035036	365554	4/28/2021	NIRAMAI HEALTH ANALYTIX PVT. LTD	CONTOURBASED DETERMINATION OF MALIGNANT TISSUE IN A THERMAL IMAGE
Karnataka	201847047947	365539	4/28/2021	NIRAMAI HEALTH ANALYTIX PVT. LTD.	THERMOGRAPHY-BASED BREAST CANCER SCREENING USING A MEASURE OF SYMMETRY
Karnataka	201941006395	446666	8/23/2023	Dr. Raghavendra V. Kulkarni	PHARMACEUTICAL COMPOSITION COMPRISING FUNCTIONALLY MODIFIED PH-RESPONSIVE GELLAN GUM GRAFT COPOLYMER MICROSPHERES FOR COLON CANCER
Karnataka	201847047948	371934	7/14/2021	NIRAMAI HEALTH ANALYTIX PVT. LTD.	CLASSIFYING HORMONE RECEPTOR STATUS OF MALIGNANT TUMOROUS TISSUE FROM BREAST

					THERMOGRAPHIC IMAGES
Karnataka	201847030 787	365552	4/28/2021	NIRAMAI HEALTH ANALYTIX PVT LTD	AUTOMATIC SEGMENTATION OF BREAST TISSUE IN A THERMOGRAPHIC IMAGE
Karnataka	201741003 970	352553	11/27/2020	NEHA SHASHIKANT DHARIWAL	IRRIGATING SOLUTION COMPOSITION WITH ETHANOLIC EXTRACT OF CURCUMA LONGA
Karnataka	202341002 516	557054	12/30/2024	Prakrutees Organics Private Limited	A bioactive bacopa extract and bitterless Ebelin lactone composition and a process of preparation thereof
Karnataka	202341037 249	499151	1/15/2024	Mangalore University	TRIAZOLOTHIADIAZINE DERIVATIVES AS ANTINEOPLASTIC AGENTS AND THEIR METHOD OF SYNTHESIS THEREOF
Karnataka	201847030 788	353457	12/11/2020	NIRAMAI HEALTH ANALYTIX PVT. LTD	APPARATUS FOR CAPTURING A THERMAL IMAGE WITH AN IMPROVED THERMAL SIGNATURE
Karnataka	202341011 781	555305	11/28/2024	National Institute of Technology Karnataka (NITK)	COMPOUNDS AS ANTICANCER AGENT AND A PROCESS FOR PREPARATION THEREOF
Karnataka	202341089 725	554733	11/21/2024	National Institute of Technology Karnataka (NITK)	METHOD OF DETECTION OF ARSENITE IONS
Karnataka	4302/CHE/ 2014	406078	9/8/2022	BMS College of Engineering	PHARMACEUTICAL COMPOSITIONS COMPRISING GERANIAL AS ATPASE INHIBITORS
Karnataka	5464/CHE/ 2012	313846	6/7/2019	SHILPA MEDICARE LIMITED	PROCESS FOR PREPARING CABAZITAXEL AND ITS SOLVATE
Karnataka	202141044 322	533696	4/18/2024	NIRAMAI HEALTH ANALYTIX PVT. LTD	SYSTEM AND METHOD FOR DETERMINING HIGH TEMPERATURE REGION PIXELS ON A MAMMOGRAPHY IMAGE
Karnataka	5415/CHE NP/2015	390823	2/28/2022	BIOCON LTD.	FUSION IMMUNOMODULATORY PROTEINS AND METHODS FOR MAKING SAME
Karnataka	929/CHE/2 003	223720	9/19/2008	JAWAHARLAL NEHRU CENTRE FOR ADVANCED	COMPOUNDS OF GARCINOL AND ISOGARCINOL AND A PROCESS THEREOF

				SCIENTIFIC RESEARCH	
Karnataka	201941047662	485222	12/19/2023	Siddaragiri O L Chandregowda	PREPARATION OF ATALANTIA WIGHTII 'S EXTRACT FOR THE ANTI HERPES VIRUS TREATMENT AND ITS APPLICATIONS THERE OF
Karnataka	202341062942	550391	9/17/2024	SBRR Mahajana First Grade College, Mysore	PACLITAXEL CYCLODEXTRIN FORMULATION AND METHOD OF PREPARATION THEREOF
Kerala	1202/CHE/2006	281500	3/20/2017	RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY	A SYNERGISTIC ANTI-TUMOR COMPOSITION
Kerala	156/CHE/2013	430074	4/26/2023	AMRITA VISHWA VIDYAPEETHAM	STANNOUS DOPED NANOPARTICLES FOR ENERGY AND DRUG DELIVERY
Kerala	201741033433	487770	12/22/2023	JUMANA ABDUL JALEEL	AN ARTIFICIAL TUMOR CELL APPARATUS FOR THE EVALUATION OF TUMOR TARGETED DELIVERY SYSTEMS
Kerala	201941004821	555845	12/5/2024	ARJUNA NATURAL PRIVATE LIMITED	MUSTARD EXTRACT ENRICHED WITH SINIGRIN HAVING INCREASED BIOACTIVITY AND BIOAVAILABILITY OF ALLYL ISOTHIOCYANATE
Kerala	3455/CHE/2011	296417	5/2/2018	AMRITA VISHWA VIDYAPEETHAM	"A METAL DOPED PROTEIN-SORAFENIB NANOMEDICINE FORMULATIONFOR CANCER TREATMENT"
Kerala	201841001579	467101	11/8/2023	SHINEY GEORGE	COMPOSITIONS CONTAINING EXTRACTS OF GARCINIA GUMMI-GUTTA SEED AND RELATED METHODS
Kerala	3310/CHE/2010	350995	11/5/2020	REGIONAL CANCER CENTRE	AN ORAL MOUTHWASH COMPOSITION FOR MANAGING ORAL MUCOSITIS
Kerala	5442/CHE/2015	351401	11/11/2020	SREE CHITRA TIRUNAL INSTITUTE FOR	COMPOSITIONS OF CATIONIC SOLID LIPID NANOPARTICLES AND

				MEDICAL SCIENCES AND TECHNOLOGY	CATIONIC POLYLACTIC GLYCOLIC ACID NANOPARTICLES FOR TARGETTING OF DRUGS TO INFECTIOUS OR CANCER CELLS IN COLON AND PROCESS THEREOF
Kerala	644/CHE/2012	366415	5/10/2021	AMRITA VISHWA VIDYAPEETHAM	CORE-SHELL NANOMEDICINE LOADED WITH MULTIPLE DRUG MOLECULES
Kerala	6495/CHE/2015	363458	3/29/2021	AMRITA VISHWA VIDYAPEETHAM	RADIO-WAVE RESPONSIVE DOPED NANOPARTICLES FOR IMAGE GUIDED THERAPEUTICS
Kerala	202341041869	518352	3/1/2024	National Institute of Technology Calicut	METHOD FOR PREPARING A POTENT COPPER (II) COMPLEX AS AN APOPTOSIS INDUCER IN LUNG CANCER
Kerala	202341074688	557540	1/7/2025	National Institute of Technology Calicut	6-FLUORO-4-HYDROXY-2-OXO-1,2-DIHYDROQUINOLIN E-3-CARBOXAMIDE DERIVATIVES AS CHEMOTHERAPEUTIC AGENTS AND SYNTHETIC METHOD THEREOF
Madhya Pradesh	201921022294	535110	4/26/2024	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL	CHEMOSELECTIVE SENSITIVITY BOOSTER AND THE PROCESS THEREOF
Madhya Pradesh	201721011564	343595	8/7/2020	Prashant Sahu	TOPICAL BIODEGRADABLE CHITOSAN NANOGEL OF TEMOZOLOMIDE IN TREATMENT OF MELANOMA
Madhya Pradesh	806/MUM/2014	343030	7/31/2020	SAVITA DIXIT	A HERBAL FORMULATION.
Madhya Pradesh	3425/MUM/2011	322029	9/30/2019	BIGONIYA, PAPIYA	PROCESS FOR TRITERPENE WITH ANTI-CANCER AND ANALGESIC ACTIVITY FROM EUPHORBIA NERIIFOLIA.
Madhya Pradesh	4258/DEL/2015	391265	3/7/2022	DR. RICHA KOTHARI	PROCESS OF SYNTHESIS OF BIOLOGICALLY IMPORTANT SEMICARBAZONES COPPER (II) COMPLEXES
Madhya	202021049	389889	2/21/202	Usha Sharma	SYSTEM AND METHOD FOR

Pradesh	217		2		IDENTIFICATION OF BREAST TUMOR
Madhya Pradesh	202321006175	445422	8/17/2023	Sarjana Raikwar	TRASTUZUMAB CONJUGATED DRUG-LOADED PEGYLATED PH-SENSITIVE NANOCARRIERS COMPOSITION FOR BREAST CANCER TREATMENT AND ITS SYNTHESIZING PROCESS
Madhya Pradesh	202321046374	535581	4/29/2024	DR. HARISINGH GOUR VISHWAVIDYALAYA (A CENTRAL UNIVERSITY), SAGAR	A SYNERGISTIC COMBINATION LOADED NANOLIPOSOME COMPOSITION TO TREAT CANCER AND ITS PREPARATION PROCESS THEREOF
Maharashtra	1114/MUM/2004	198510	1/30/2006	BHAVE ARVIND VISHNU	VERTEBROPLASTY NEEDLE ASSEMBLY
Maharashtra	1509/MUM/2007	266683	5/26/2015	CENTAUR CHEMICALS PVT. LTD.	NOVEL PROCESS FOR THE PREPARATION OF BRIMONIDINE
Maharashtra	1105/MUM/2006	250137	12/9/2011	ADVANCED ENZYME TECHNOLOGIES LIMITED	DIETARY ANTI-BACTERIAL COMPOSITION
Maharashtra	1287/MUMNP/2015	378715	10/6/2021	LUPIN LIMITED	STABLE PHARMACEUTICAL COMPOSITION OF TNFR:FC FUSION PROTEIN
Maharashtra	1108/MUM/2004	207193	4/30/2007	SANJEEV KHANDELWAL	METHOTREXATE TOPICAL SEMISOLID DOSAGE FORM (GEL)
Maharashtra	1477/MUM/2009	264358	12/23/2014	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	LIPID NANOVESICLES FOR IMPROVED DELIVERY OF ANTICANCER DRUGS AS AEROSOLS AND INTRAVENOUS FORMULATIONS
Maharashtra	154/BOM/1995	182018	8/20/1999	SUMATI VASUDEO BHIDE.	A PROCESS TO PREPARE MEDICINAL PREPARATION CONTAINING EXTRACTS OF TURMERIC, CATECHU/ KHAIRSAAL AND BETEL LEAF
Maharashtra	1568/MUM/2008	254150	9/24/2012	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	NOVEL ANTICANCER HYDRAZINO DERIVATIVE OF CURCUMIN AND PROCESS FOR

					PREPARATION THEREOF
Maharashtra	1760/MUM/2010	284406	6/21/2017	INDUS BIOTECH PRIVATE LIMITED	"A METHOD FOR PREPARATION OF HIGHLY PURE ASIATICOSIDE COMPOSITION FROM CENTELLA ASIATICA
Maharashtra	184/MUM/2009	323087	10/17/2019	VISHWANATH GOPALAKRISHNA VASISHTA	AN APPARATUS FOR INDUCING MAGNETIC RESONANCE IN BIOLOGICAL TISSUES
Maharashtra	1940/MUM/2013	424623	3/10/2023	GOPESH C. BADWAIK	"DIATRAL : THE FOUNTAIN OF HEALTH"
Maharashtra	201621022475	452302	9/18/2023	CIPLA LIMITED	METHOD OF TREATING CANCER
Maharashtra	18/BOM/1993	174538	3/6/1998	MADHAV BHALCHANDRA SAHASRABUDHE	A PROCESS TO MAKE A COMPOSITION FOR EARLY DETERCTION OF CANCER.
Maharashtra	201621006859	363240	3/26/2021	SHAH Rajesh	HOMEOPATHY BASED FORMULATION
Maharashtra	201621024204	389292	2/15/2022	Indian Institute of Technology, Bombay	COMPOSITE POLYMERIC NANOFORMULATION
Maharashtra	201621040152	345370	8/27/2020	VITHAL MADHVARAO KULKARNI	4-METHYL SUBSTITUTED BIPHENYL-2-CARBOXAMIDES AS ANTICANCER AGENTS
Maharashtra	201621019949	319491	8/30/2019	Indian Institute of Technology, Bombay	ZEIN-GOLD NANOSHELLS AND APPLICATIONS THEREOF
Maharashtra	201621024898	419715	1/30/2023	CIPLA LIMITED	METHOD OF TREATMENT OF RENAL CELL CARCINOMA
Maharashtra	201621035782	333577	2/28/2020	ANNA PRATIMA GANPATRAO NIKALJE	"DIETHYL (SUBSTITUTED PHENYL/HETERYL) (2-(2-OXOINDOLIN-3YLIDENE)HYDRAZINYLMETHYLPHOSPHONATE COMPOUNDSAS ANTICANCER AGENTS"
Maharashtra	201721014137	357302	1/29/2021	Indian Institute of Technology Bombay	METHOD FOR PREPARING GRAPHENE BASED QUANTUM DOTS FOR PHOTODYNAMIC THERAPY
Maharashtra	201721025703	400704	7/4/2022	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	A PROCESS FOR PREPARATION OF METHOTREXATE LOADED GELLAN GUM MICROPARTICLES
Maharashtra	201721025996	355324	1/5/2021	Indian Institute of Technology Bombay	A COMPOSITE COMPRISING OF DOXORUBICIN-

					ALGINATE CONJUGATE AND NON-STEROIDAL ANTI-INFLAMMATORY AGENT AND PROCESS FOR PREPARATION THEREOF
Maharashtra	105/MUM/2011	287402	9/14/2017	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	SELF ASSEMBLED NANOSTRUCTURED SALIVA SUBSTITUTES.
Maharashtra	1101/MUM/2002	205005	3/13/2007	BHARAT SERUMS & VACCINES LTD.	A PROCESS FOR MANUFACTURE OF LONG CIRCULATING NON-PEGYLATED LIPOSOMES
Maharashtra	123/MUM/2012	276632	10/27/2016	BAMANE SAMBHAJI RAU	A METHOD FOR PREPARING NANOSTRUCTURED CALCIUM SILICATE AS DRUG DELIVERY AGENT.
Maharashtra	1327/MUM/2005	273763	6/27/2016	PANACEA BIOTEC LIMITED	IMPROVED COMPOSITIONS FOR CANCER THERAPY
Maharashtra	201721012015	345684	8/31/2020	Indian Institute of Technology Bombay	LIPOSOME-IN-GEL COMPOSITION AS AN INJECTABLE DRUG DEPOT FOR DELIVERY OF RADIOSENSITIZERS
Maharashtra	201721034245	358075	2/9/2021	Savitribai Phule Pune University	A METHOD FOR EXTRACTING GUAIANOLIDE FROM CYATHOCLINE PURPUREA
Maharashtra	1756/MUM/2006	241993	8/5/2010	HIRDESH SAHNI	IMAGE GUIDED WHOLE BODY STEREOTACTIC NEEDLE PLACEMENT DEVICE WITH FALLING ARC
Maharashtra	1829/MUM/2015	424165	3/6/2023	DR. ITANKAR PRAKASH R.	BIOTRANSFORMED ANTI-CANCER PRODUCT
Maharashtra	201821028527	404814	8/29/2022	DR. GACCHE RAJESH NIVARTI	"EFFECTIVE PHARMACEUTICAL HERBAL COMPOSITION COMPRISING CHLOROXYLON SWIETENIA (ROXB.) DC FOR THE TRE
Maharashtra	201821048505	476225	12/1/2023	Dr. D. Y. Patil Vidyapeeth	METHOD OF USING GOAT URINE DMSO FRACTION AS ANTI-PROLIFERATIVE AND APOPTOTIC CELL DEATH COMPOUNDS AGAINST CANCER CELLS AND COMPOSITION THEREOF
Maharashtra	201821041372	390779	2/28/2022	MS. SARIKA BALASAHEB	A NOVEL AND IMPROVED TECHNIQUE FOR

				BHOSALE	OBTAINING FORMULATION FOR KILLING OF BREAST CANCER CELLS IN VITRO FROM CRUCIFEROUS PLANT PRODUCT.
Maharashtra	201921006145	459605	10/17/2023	Shashvi Remedies (OPC) Private Limited	SYNERGISTIC COMPOSITION WITH ANTI-PROLIFERATIVE ACTIVITY
Maharashtra	201921041906	400457	6/29/2022	Indian Institute of Technology Bombay	DRUG LOADED NANOSCALE ULTRASOUND CONTRAST AGENT
Maharashtra	202021032490	457044	10/5/2023	Indian Institute of Technology Bombay	HYALURONIC ACID FUNCTIONALIZED PLGA NANOPARTICLES FOR LOCALIZED CANCELANOMEDICINE AND A PROCESS OF PREPARATION THEREOF
Maharashtra	202021038024	429445	4/20/2023	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	SELF-ASSEMBLED NICLOSAMIDE-HYALURONIC ACID CONJUGATE MICELLES FOR SITE-SELECTIVE REGRESSION OF TUMOR AND TUMOR SPHEROIDS
Maharashtra	202121045164	434365	6/9/2023	DR.SWATI VIJAY SHINDE	CERVITESTER : A SMART AND PORTABLE SCREENING DEVICE FOR AI-ASSISTED AUTOMATED DIAGNOSIS OF CERVICAL CANCER IN LOW RESOURCE SETTINGS
Maharashtra	202121045732	416162	12/30/2022	Qure.ai Technologies Private Limited	ADAPTING REPORT OF NODULES
Maharashtra	202321015905	483708	12/15/2023	P. E. Society's Modern College of Pharmacy, Nigdi, Pune	"PROCESS FOR PREPARATION OF THIOPHENE DERIVATIVES HAVING ANTI-CANCER ACTIVITY"
Maharashtra	202321016141	555106	11/26/2024	P. E. Society's Modern College of Pharmacy, Nigdi, Pune	"THIOPHENE DERIVATIVES HAVING ANTI-CANCER ACTIVITY"
Maharashtra	201721033651	403541	8/12/2022	DR. SWATI A. SAVE	EXTRACTION OF A NEW KETONE COMPOUND FROM WHEATGRASS JUICE-TRITICUM AESTIVUM (L), EXHIBITING BOTH ANTI-CANCER AND IMMUNOMODULATORY

					BIOACTIVITY.
Maharashtra	201721045968	378978	10/8/2021	LALITA BORA	NICOTINE SUBSTITUTE FOR TOBACCO PRODUCTS
Maharashtra	202321016137	548821	8/27/2024	P. E. Society's Modern College of Pharmacy, Nigdi, Pune	"THIOPHENE DERIVATIVES HAVING ANTI-CANCER ACTIVITY"
Maharashtra	202321057278	541988	6/18/2024	Sabale Vidya Prafulla	FLUTAMIDE NANOSTRUCTURED LIPID CARRIERS AND ITS USE
Maharashtra	202321058817	546146	7/26/2024	Indian Council of Agricultural Research (ICAR)	BACTERIAL-BASED VOLATILES COMPOSITION AS BENEFICIAL INSECTS ATTRACTANT
Maharashtra	202321087022	544976	7/15/2024	Sabale Prafulla Madhukarrao	N-PHENYLPYRIDINE-2,5-DIAMINE DERIVATIVES AS AROMATASE INHIBITORS FOR THE TREATMENT OF CANCER
Maharashtra	202421036618	556744	12/23/2024	Associate Prof. Bhagyashri Jitendra Warude	SUBSTITUTED INDOLE-CARBOXAMIDE AS ANTICANCER AGENTS
Maharashtra	2039/MUM/2010	293782	3/5/2018	DR. RUCHIKA KAUL-GHANEKAR	A HERBAL COMPOSITION (FC) FOR THE TREATMENT OF CERVICAL CANCER
Maharashtra	212/MUM/2010	272769	4/26/2016	TATA MEMORIAL CENTRE	COMPLEXED ANTIBODY-SUBSTRATE NANOPARTICULATES FOR BINDING OF CHROMATIN FRAGMENTS
Maharashtra	202121023188	401319	7/14/2022	Qure.ai Technologies Private Limited	PREDICTING LUNG CANCER RISK
Maharashtra	236/BOM/1998	182947	6/16/2000	DEPARTMENT OF ATOMIC ENERGY.	A PROCESS FOR THE PREPARATION OF THE ANTI I-CANCER DRUG N-[4- {[2,4-DIAMINO-6-PTERIDINYL) METHYL] METHYLAMINO} BENZOYL]- L-GLUTAMIC ACID COMMONLY KNOWN AS METHREXATE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.
Maharashtra	266/MUM/2011	272675	4/19/2016	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	LIPOPOLYMERIC NANOCAPSULES FOR DELIVERING HYDROPHOBIC DRUGS
Maharashtra	201821001921	354046	12/18/2020	Indian Institute of Technology Bombay	TRIPLE ACTION CONCOCTION FOR THE

					COMPLETE POSTOPERATIVE MANAGEMENT AFTER PARTIAL OR TOTAL KNEE REPLACEMENT AND PROCESS FOR PREPARATION THEREOF
Maharashtra	201921012056	392338	3/18/2022	Indian Institute of Technology, Bombay	A LIPOPOLYMERIC NANOPARTICLE FOR OCULAR DRUG DELIVERY AND A METHOD OF MANUFACTURE THEREOF
Maharashtra	202321008643	454497	9/26/2023	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	SYNTHESIS, CHARACTERIZATION AND SCREENING FOR ANTI-CANCER ACTIVITY OF 1,3-TELLURAZOLIDINE-4-CARBOXYLIC ACID
Maharashtra	202321015879	547773	8/14/2024	Dr.Panchsheela Ashok Ubale	METHOD OF DESIGN, SPECTRAL CHARACTERIZATION, DFT AND BIOLOGICAL EVALUATION OF SILVER METAL COMPLEXES
Maharashtra	202321016128	535011	4/25/2024	P. E. Society's Modern College of Pharmacy, Nigdi, Pune	"PROCESS FOR PREPARATION OF THIOPHENE DERIVATIVES HAVING ANTI-CANCER ACTIVITY"
Maharashtra	202321046474	540259	5/30/2024	Dr.Sankha Bhattacharya	A METHOD FOR TREATMENT OF COLORECTAL CANCER BY SYNTHESIS OF NOVEL ENZALUTAMIDE (ENZ) FORMULATION AND ENCAPSULATE IN POLYMERIC NANOPARTICLES (NPS)
Maharashtra	202321087025	545046	7/16/2024	Sabale Prafulla Madhukarrao	BENZIMIDAZOLE DERIVATIVES AS AROMATASE INHIBITORS FOR THE TREATMENT OF CANCER
Maharashtra	2536/MUM/2009	272334	3/30/2016	VISHNU K. MOURYA	COMPOSITION FOR LOCAL DELIVERY OF MEDICINES FOR PERIODONTITIS & METHOD FOR PREPARATION OF THE

					SAME
Maharashtra	3163/MUM/2015	456662	10/4/2023	Ajinkya Inamdar	AN ANTI-FIBROTIC AND ANTICANCER DNA CASSETTE FOR PRODUCING TRANSGENIC STEM CELLS
Maharashtra	350/MUM/2009	277986	12/7/2016	UNICHEM LABORATORIES LTD.	CANCER CELL BINDING RECOMBINANT LECTIN WITH ANTITUMOR ACTIVITY AND METHOD OF PREPARATION
Maharashtra	699/MUM/2008	250374	12/29/2011	PIRAMAL LIFE SCIENCES LTD.	A GENE SIGNATURE FOR MONITORING CANCER PATIENTS TREATED WITH A COMBINATION OF GEMCITABINE AND P276-00
Maharashtra	2919/MUM/2013	357158	1/29/2021	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	"NANOBUBBLE-NANOPARTICLE COMPLEXES FOR ULTRASOUND MEDIATED DRUG DELIVERY AND A PROCESS FOR ITS PREPARATION"
Maharashtra	358/MUM/2003	213553	1/8/2008	DR. MADHAO BHALCHANDRA SAHASRABUDHE	A METHOD OF PRODUCING CELL FREE IMMUNOGEN/VACCINE AND METHOD OF PRODUCING DIAGNOSTIC KIT FOR EARLY DETECTION OF CANCERS
Maharashtra	533/MUM/2008	249237	10/12/2011	SHELAR ASHOK RANGANATH	PROCESS FOR THE PREPARATION OF THIAZOLO PYRIMIDINES OF FORMULA I
Maharashtra	534/MUM/2008	252551	5/22/2012	SHELAR ASHOK RANGANATH	DIAMINO PYRIMIDINE CARBONITRILE DERIVATIVES AND THEIR MEDICINAL APPLICATIONS
Maharashtra	202121045730	408347	9/30/2022	Qure.ai Technologies Private Limited	MONITORING COMPUTED TOMOGRAPHY (CT) SCAN IMAGE
Maharashtra	202321011627	471289	11/21/2023	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	ANTI-CANCER COMPOUND, 4,4'-(1,2-Ditellurdiyl)bis(2-aminobutanoic acid) AND METHOD FOR PREPARING THE SAME
Maharashtra	2876/MUM/2013	388662	2/7/2022	Shakti Upadhyay	A method for preparing a composition comprising ex-vivo generated antigen loaded

					dendritic cell lines
Maharashtra	3161/MUM/2015	475852	11/30/2023	Arati Inamdar	NOVEL COMPOSITIONS AND METHODS FOR TREATMENT OF PRIMARY AND METASTATIC CANCERS AND PRECANCEROUS CONDITIONS BY LOCAL AND OR SYSTEMIC INJECTIONS OF A MIXTURE OF ANTI-CANCER TRANSGENIC MESENCHYMAL STEM CELLS OR OTHER SOMATIC CELLS EXPRESSING SPECIFIC TRANSGENES ALONE OR IN COMBINATIONS OF TWO OR MORE THERAPEUTIC PROTEINS.
Maharashtra	3544/MUM/2013	414652	12/15/2022	PATRAVALE; VANDANA BHARAT	"PHARMACEUTICAL COLLOIDAL FORMULATIONS FOR INTRANASAL DELIVERY OF ZWITTERIONIC ANTICANCER DRUG METHOTREXATE"
Maharashtra	3738/MUM/2015	344742	8/21/2020	Indian Institute of Technology, Bombay	TARGETED POLYMERIC NANO-COMPLEXES AS DRUG DELIVERY SYSTEM
Maharashtra	957/MUM/2013	416905	1/5/2023	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	"NANOVESICLE-BIOPOLYMERIC NANOPARTICLE HYBRIDS FOR COMBINATION DRUG DELIVERY IN CANCERS"
Maharashtra	963/MUM/2002	202849	9/20/2006	KOPRAN RESEARCH LABORATORIES LIMITED	PROCESS FOR THE PREPARATION OF CHEMOENZYMATICALLY HYDROLYSABLE BIOLOGICALLY ACTIVE COMPOUNDS
Maharashtra	785/MUM/2002	196256	10/27/2005	BHARAT SERUMS & VACCINES LTD.,	A PROCESS FOR THE MANUFACTURE OF LOW TOXICITY, STABLE IFOSFAMIDE PRENTERAL SOLUTION
Maharashtra	974/MUM/2006	249228	10/12/2011	RELIANCE LIFE SCIENCES PRIVATE LIMITED	RNA INTERFERENCE MEDIATED INHIBITION OF AURORAKINASE B AND ITS

					COMBINATIONS AS ANTICANCER THERAPY
Maharashtra	IN/PCT/2001/01369/MUM	223311	9/9/2008	WOCKHARDT LTD.	ANTIBACTERIAL OPTICALLY PURE BENZOQUINOLIZINE CARBOXYLIC ACIDS, DERIVATIVES
Maharashtra	123/MUM/2004	213150	12/20/2007	SAPTE VINAY RAMAKANT	A PROCESS FOR PREPARATION OF STABILIZED ANTI-TB DRUGS COMPOSITIONS (SCC) IN POWDER/ GRANULE DOSAGE FORM IN SACHETS/POUCHES
Maharashtra	201721023419	381778	11/12/2021	DR.(MRS.) MAJUMDAR ANURADHA	A UNIQUE NEUTRACEUTICAL COMPOSITION TO COMBAT COLONIC INFLAMMATION.
Maharashtra	201821017066	356277	1/20/2021	DR. S.J.WADHER	"SYNTHESIS AND USE OF NOVEL FLAVONOL DERIVATIVES AGAINST LEUKEMIA".
Maharashtra	201927006893	406643	9/14/2022	LUPIN LIMITED	SUBSTITUTED THIAZOLO-PYRIDINE COMPOUNDS AS MALT1 INHIBITORS
Maharashtra	202021009654	544990	7/15/2024	MALI PRASHANT YUVARAJ	DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR BETASITOSTEROL AND GROWTH INHIBITORY ACTION AGAINST BREAST CANCER CELLS IN EUPHORBIA TIRUCALLI AND EUPHORBIA NERIIFOLIA THEREOF
Maharashtra	202117007583	530899	3/28/2024	NATIONAL CENTRE FOR CELL SCIENCE	A NOVEL ANTI-CANCER COMBINATION AND A METHOD OF THERAPY USING THE COMBINATION
Maharashtra	202321041204	539610	5/28/2024	Indian Institute of Technology Bombay	CANCER THERANOSTIC COMPLEX, METHOD FOR PREPARATION AND USES THEREOF
Maharashtra	202321072475	544207	7/4/2024	Mrs. Sonali Sandeep Shinde	SUBSTITUTED THIAZOLE COMPOUNDS AS ANTICANCER AGENTS
Maharashtra	3369/MUM/2011	301192	9/19/2018	PRAVARA INSTITUTE OF	"A MEDICINAL FORMULATION FOR USE IN

				MEDICAL SCIENCES	PROTECTION FROM GAMMA IRRADIATION"
Maharashtra	392/BOM/1999	188744	8/8/2003	CANCER RESEARCH INSTITUTE	A PROCESS FOR THE ISOLATION OF THE RECOMBINANT NUCLEOTIDE SEQUENCES COMPRISING 1-2381 BASE PAIRS (BP) FOR EARLY DETECTION OF ORAL CANCER
Maharashtra	4082/MUM/2015	354678	12/29/2020	Indian Institute of Technology, Bombay	TPGS COMPRISED GOLD COATED POLY -(LACTIC-CO-GLYCOLIC ACID) NANOSTRUCTURES AND PROCESS FOR ITS PREPARATION.
Orissa	201831037016	508482	2/8/2024	SIKSHA "O" ANUSANDHAN (DEEMED TO BE UNIVERSITY)	ORAL BIOPSY INSTRUMENT WITH LIVE CAMERA AND FIBER OPTIC LIGHT
Orissa	202431035123	554933	11/25/2024	SHAILESH KUMAR SAMAL	METHOD FOR PRODUCING ANTI-PHOSPHORYLCHOLINE ANTIBODIES AND VACCINE COMPOSITION THEREOF
Orissa	201731012689	359791	2/26/2021	Bismita Nayak	BIOCOMPATIBLE GELATIN AND I-CARRAGEENAN BASED COMPOSITE HYDROGELS AND BIOMEDICAL APPLICATIONS THEREOF
Punjab	1112/DEL/2002	248025	6/9/2011	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER)	"NOVEL 4-ETHYL-5ALKOXYPRIMAQUINE COMPOUNDS"
Punjab	201611003234	473658	11/28/2023	CHITKARA UNIVERSITY	NOVEL HERBAL SUNSCREEN FORMULATION AND METHOD THEREOF
Punjab	201611019190	332689	2/24/2020	GURU NANAK DEV UNIVERSITY	CONJUGATES OF N-BENZYLPIRROLE OR N-BENZOYLPYRROLE WITH INDOLINONE AS HIGHLY EFFECTIVE ANTI-CANCER AGENTS
Punjab	2220/DEL/2010	325490	11/21/2019	LOVELY PROFESSIONAL UNIVERSITY	IMPROVED ORAL TARGETTED DRUG DELIVERY SYSTEM

Punjab	777/DEL/2003	215478	2/27/2008	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER)	"A PHARMACEUTICAL COMPOSITION FOR TREATING SOLID TUMORS AND A METHOD OF PREPARING SAME THEREOF"
Rajasthan	1763/DEL/2015	506115	2/1/2024	BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE; PILANI	A METHOD FOR PREPARING NOVEL COMPOUNDS FOR USE AS CATHEPSIN D ENZYME INHIBITOR USEFUL IN TREATMENT OF BREAST CANCER
Rajasthan	201711028012	426781	3/24/2023	Birla Institute of Technology & Science; Pilani	A CHEMOTHERAPEUTIC COMPOSITION
Rajasthan	201711045802	476557	12/4/2023	DEEPAK KUMAR JHA	"TUMOR COLLECTION CHAMBER FOR SPACE OCCUPYING LESIONS IN NEUROSURGERY"
Rajasthan	2945/DEL/2014	360741	3/10/2021	BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE &nbsp; PILANI	A COMPOUND FOR TREATING INFLAMMATORY NEUROPATHIC PAIN AND CANCER
Tamil Nadu	880/CHE/2011	403399	8/11/2022	SASTRA University	MAGNETIC MESOPOROUS FE <sub>2</sub> O <sub>3</sub> -SBA-15 SILICA AS A THERANOSTIC TOOL FOR CELL IMAGING AND THERAPY
Tamil Nadu	1327/CHE/2008	261431	6/25/2014	INDIAN INSTITUTE OF TECHNOLOGY	SPACERLESS CARBON NANOTUBES FOR DRUG DELIVERY IN THE TREATMENT OF CANCER
Tamil Nadu	1302/CHE/2005	256019	4/19/2013	ORCHID RESEARCH LABORATORIES LTD	PYRIMIDINE CARBOXIMIDES
Tamil Nadu	1492/CHE/2005	257939	11/20/2013	ORCHID CHEMICALS & PHARMACEUTICALS LTD	PIPERAZINYL COMPOUNDS AS HDAC INHIBITORS
Tamil Nadu	201641023450	453841	9/22/2023	SASTRA University	RESPONSIVE SELF-ASSEMBLED MAGNETIC MICELLES FOR TARGETED METASTATIC BREAST CANCER THERANOSTICS
Tamil Nadu	201641019473	498751	1/12/2024	VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING	DETECTION OF SKIN CANCER USING FEATURE EXTRACTION AND CLASSIFICATION OF ITS TYPES USING SVM

				COLLEGE	
Tamil Nadu	201741033 646	362154	3/19/2021	Mr.R.PARTHIBAN	A MECHANOCHEMICAL PROCESS FOR THE SYNTHESIS OF TROPINONE DERIVATIVES UNDER SOLVENT FREE CONDITIONS
Tamil Nadu	201641001 040	394079	4/1/2022	G.VENKATASUBRAMANIYAN	A PROCESS TO ENHANCE QUALITY OF ALCOHOL
Tamil Nadu	201741010 426	352435	11/27/2020	M/S JSS COLLEGE OF PHARMACY (Jagadguru Sri Shivarathreeshwara University, Mysore)	ISOLATION OF SULPHA QUINOVOSYL DIACYL GLYCEROL (SL) (A HUMAN TOPOPOISON I), USING FLASH CHROMATOGRAPHY
Tamil Nadu	201741022 579	511655	2/16/2024	Dr.K.P.Vinod Kumar	AUTOMATED SKIN LESION AND INFECTIONS CHARACTERIZATION SYSTEM AND RELATED PROCESS THEREOF
Tamil Nadu	201841021 260	419807	1/31/2023	BHARATHIAR UNIVERSITY	PROCESS FOR MAKING NATURAL IMMUNOGENIC MELANIN-TYPHOID POLYSACCHARIDE NANOPARTICLES TO BE USED AS VACCINE
Tamil Nadu	201641011 913	415316	12/23/2022	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	SELF-LABELED FUSION PROTEINS FOR EX VIVO IMMUNOPHENOTYPING OF C-KIT RECEPTOR
Tamil Nadu	201641027 471	493315	1/2/2024	Indian Institute of Technology Madras (IITM)	A FORMULATION COMPRISING NANO-SCALE ANTI-CANCER COMPOUND
Tamil Nadu	201841002 619	348008	9/28/2020	Dr.S.SANTHI	FLUORESCENT SCHIFFBASE CHEMOSENSORS FOR METALS BASED ON 2, 4 - DIHYDROXY ACETOPHENONE
Tamil Nadu	201741004 832	402978	8/4/2022	VIT UNIVERSITY	“A METHOD OF PREPARING AN ANTI-CANCER FORMULATION COMPRISING ORANGE OIL NANOEMULSION”
Tamil Nadu	202341071 615	548810	8/27/2024	Chettinad Academy of Research and Education	RADIOPAQUE SERICIN NANOPARTICLES FOR DIAGNOSTIC APPLICATIONS
Tamil Nadu	2200/CHE/ 2013	366980	5/19/2021	SREE CHITRA TIRUNAL	DEVELOPMENT OF SOLUBLE ALBUMINATED

				INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY	CURCUMIN FOR APPLICATION IN CANCER THERAPY
Tamil Nadu	202141015832	483822	12/15/2023	SRM Institute of Science and Technology	A SYSTEM AND METHOD FOR DETECTION AND CLASSIFICATION OF LUNG CANCER
Tamil Nadu	202041043243	536071	4/30/2024	SRM Institute of Science and Technology	A SYSTEM FOR ANALYZING HISTOPATHOLOGICAL IMAGES AND A METHOD THEREOF
Tamil Nadu	202341087036	557735	1/10/2025	Chettinad Academy of Research and Education	METHOD FOR THE PREPARATION OF PROANTHOCYANIDIN RICH NON FLUORIDATED GEL AS A REMINERALIZING AGENT AND USES THEREOF
Tamil Nadu	265/CHE/2006	298981	7/19/2018	CENTRE FOR EARTH SCIENCE STUDIES	A LOW COST DEVICE FOR DETECTING NEOPLASTIC CHANGES IN TISSUE
Tamil Nadu	271/CHE/2008	261399	6/24/2014	ORCHID CHEMICALS & PHARMACEUTICALS LTD	PYRIMIDINE COMPOUNDS
Tamil Nadu	202341035226	556130	12/11/2024	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	SUBSTITUTED 1,2-BENZISOXAZOLE COMPOUNDS AND THEIR PROCESS OF PREPARATION
Tamil Nadu	202341049219	545892	7/25/2024	PAVIDRA DEVI GNANAPRAKASAM	A POTENTIAL DERIVATIVE OF NARINGENIN, A FLAVANONE USING SIMPLE MODIFICATION & ITS CYTOTOXIC EFFICACY
Tamil Nadu	202341085189	547648	8/13/2024	Dr. P. SELVAMANI	A METHOD FOR THE PREPARATION OF PEPTIDE-COATED THERANOSTIC NANO-MAGNETIC PROBES
Tamil Nadu	202441015182	557773	1/10/2025	Indian Institute of Technology Madras	NANOARCHAEOsome FORMULATION FOR TARGETED DELIVERY APPLICATIONS AND METHOD OF PREPARATION THEREOF
Tamil Nadu	2611/CHE/2014	352568	11/27/2020	YUVRAJ BIOBIZ INCUBATOR INDIA [P] LTD.	DIAGNOSTIC TEST KIT FOR MULTIANALYTE DETECTION
Tamil Nadu	202041040783	529680	3/21/2024	VELLORE INSTITUTE OF	BREAST CANCER DETECTING DEVICE USING

				TECHNOLOGY	RASPBERRY PI
Tamil Nadu	2756/CHE/2007	244681	12/15/2010	KARPAGAM ARTS AND SCIENCE COLLEGE	AN ANTICARCINOGENIC PREPARATION AND A PROCESS FOR THE MANUFACTURE THEREOF
Tamil Nadu	349/CHE/2009	290382	12/7/2017	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	A PROCESS FOR COVALENTLY BONDING A DRUG TO THE SURFACE OF CHEMICALLY EXFOLIATED GRAPHITE OXIDE (CEGO) WITHOUT SPACER FOR THE TREATMENT OF CANCER
Tamil Nadu	3620/CHE/2012	308951	3/11/2019	UNIVERSITY OF MADRAS	A PROCESS FOR EXTRACTION OF BIO-ACTIVE COMPOUNDS EXHIBITING ANTICANCER PROPERTY FROM LENTINUS TUBERREGIUM
Tamil Nadu	5295/CHE/2014	326932	12/6/2019	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	SYNERGISTIC PHARMACEUTICAL COMPOSITION OF BETA CARYOPHYLLENE AND AROMADENDRENE OXIDE-2
Tamil Nadu	92/CHE/2007	257896	11/18/2013	ORCHID RESEARCH LABORATORIES LTD	HDAC INHIBITORS
Tamil Nadu	202241014214	525798	3/14/2024	MEPCO SCHLENK ENGINEERING COLLEGE	IBRA-AN INNOVATIVE BRASSIERE FOR EARLY DETECTION OF BREAST CANCER
Tamil Nadu	201741025589	389674	2/18/2022	RAJAM	PREPARATION AND EVALUATION OF NANOPARTICLES CONTAINING IMATINIB MESYLATE AND THE COMPLEX OF IMATINIB MESYLATE COBALT(II) CHLORIDE
Tamil Nadu	201741046767	420602	2/6/2023	Dr. K. SYED ZAMEER AHMED	NOVEL PHENOLIC COMPOUNDS FROM NERIUM INDICUM WITH ANTI - BREAST CANCER ACTIVITY
Tamil Nadu	202241020156	449326	9/4/2023	MEPCO SCHLENK ENGINEERING COLLEGE	EARLY PREDICTION OF ENDOMETRIAL CANCER BY ANALYSING RISK FACTORS USING INTERNET OF THINGS AND DEEP LEARNING TECHNIQUES

Tamil Nadu	2284/CHE/2007	272490	4/5/2016	ORCHID CHEMICALS & PHARMACEUTICALS LTD	STILBENE BASED COMPOUNDS AS HDAC INHIBITORS
Telangana	201641035316	357085	1/29/2021	DR. ALEEM AHMED KHAN	SORAFENIB-ULTRA-SMALL SIZE GOLD NANOPARTICLE (SF-GNP)  NANOFORMULATION AND A PROCESS OF MAKING THEREOF
Telangana	201817045551	317959	8/8/2019	CELLIX BIO PRIVATE LIMITED	COMPOSITIONS AND METHODS FOR THE TREATMENT OF CANCER
Telangana	201942005856	352557	11/27/2020	Incozen Therapeutics Pvt. Ltd	NOVEL MODULATORS OF CALCIUM RELEASE-ACTIVATED CALCIUM CHANNEL
Telangana	202341073856	549695	9/5/2024	Indian Institute of Technology Hyderabad	A METHOD FOR PRODUCING LIPID-BASED NANOCOCHLEATES LOADED WITH HYDROPHOBIC METFORMIN
Telangana	202344025155	512145	2/19/2024	Dr.Anil Kumar Joshi	METHOD FOR THE DEVELOPMENT OF POLY HERBAL FORMULATION FOR THE TREATMENT OF BREAST CANCER
Telangana	6951/CHE/2015	335392	3/20/2020	NATCO PHARMA LIMITED	PHARMACEUTICAL COMPOSITIONS COMPRISING PHENYLAMINOPYRIMIDINE DERIVATIVE
Telangana	202341027783	550238	9/13/2024	National Institute of Pharmaceutical Education and Research Hyderabad (NIPER-H)	PHARMACEUTICAL COMPOSITION OF BCL-2 INHIBITOR LOADED SELF NANO-EMULSIFYING DRUG DELIVERY SYSTEM FOR CANCER THERAPY
Telangana	202441033822	557315	12/31/2024	Indian Institute of Technology Hyderabad	BARIUM NANOCOMPOSITES FOR BIOIMAGING AND CHEMOPHOTOTHERMAL THERAPY AND PROCESS FOR PREPARATION THEREOF
Telangana	201747004917	377345	9/20/2021	DR. REDDY'S LABORATORIES	STABLE PHARMACEUTICAL LIQUID FORMULATIONS OF

				LIMITED	CYCLOPHOSPHAMIDE AND PROCESSES TO PREPARE THE SAME
Telangana	202341005684	532999	4/15/2024	Prof. Vijjulatha Manga	THIO UREA DERIVATIVES OF OXINDOLE AS POTENTIAL ANTI CANCER AGENTS
Telangana	202341021522	483992	12/18/2023	Vishnu Institute of Pharmaceutical Education and Research	SYNTHESIS OF NITRIC OXIDE DONATING 5,6-DIPHENYL 1,2,4-TRIAZINE CARBAMOYL AND SULPHAMOYL ARYL NITRATE DERIVATIVES AS CYTOTOXIC AGENTS IN CANCER CELLS
Uttar Pradesh	1/DEL/2001	211483	11/1/2007	DABUR RESEARCH FOUNDATION	NOVEL CARVIDELOL DERIVATIVES, USEFUL IN THE TREATMENT OF CANCER
Uttar Pradesh	1633/DEL/2009	319255	8/28/2019	AMITY UNIVERSITY	"A PROCESS FOR ISOLATION AND PURIFICATION OF CURCUMINOIDS FROM CURCUMA LONGA"
Uttar Pradesh	202311029499	538974	5/22/2024	Sharda University	AN ANTI-CANCER COMPOUND FOR U87-MG CELL LINES AND METHOD FOR PREPARING THE SAME
Uttar Pradesh	202311065961	555560	11/29/2024	Chaudhary Charan Singh University, Meerut	PAPER BASED BIOMARKER IMPRINTED SENSOR TO DETECT OVARIAN CANCER SPECIFIC BIOMARKER, POCT DEVICE AND FABRICATION PROCESS THEREOF
Uttar Pradesh	2372/DEL/2013	397163	5/19/2022	AMITY UNIVERSITY	A NOVEL SYNERGISTIC FORMULATION FOR INHIBITION OF TUMOR GROWTH AND METHOD OF PREPARATION THEREOF
Uttar Pradesh	202311063839	555184	11/27/2024	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	2-AMINO BENZOPHENONE DERIVATIVES FOR TARGETED FERROPTOSIS INDUCTION IN CANCER THERAPY
Uttar Pradesh	202411044657	557461	1/6/2025	Indian Institute of Technology Kanpur	PHENANTHROLINE-COPPER COMPLEXES AS CUPROPTOSIS INDUCERS AND METHOD THEREOF

Uttar Pradesh	202312067169	558541	1/23/2025	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	A PROCESS FOR PREPARATION OF TETRAHYDROPYRROLO[4,3,2-DE]QUINOLINE DERIVATIVES VIA DEAROMATIC DOMINO RING-OPENING CYCLIZATION
Uttar Pradesh	1022/DEL/2002	211356	10/26/2007	DABUR RESEARCH FOUNDATION	"A POLYPEPTIDE FOR USE IN THE TREATMENT OF CANCER"
Uttar Pradesh	147/DEL/2000	211479	11/1/2007	DABUR RESEARCH FOUNDATION	"BOMBESIN ANALOGS USEFUL IN THE TREATMENT OF CANCER"
Uttar Pradesh	202311008531	505848	1/31/2024	Sharda University	ANTICANCER MOLECULAR ORGANIC FRAMEWORK COMPRISING SE/TE, N AND O, THEIR METAL COMPLEXES AND PREPARATIONS THEREOF
Uttarakhand	202011047645	554908	11/25/2024	Ankur Dumka	IOT ENABLEDSMARTWRIST-PULSE DIAGNOSIS BASED ON ARTIFICIAL-INTELLIGENCE AND AYURVEDA SCIENCE FOR TRUE HEALTH MONITORING (I-SWAASTH)
West Bengal	686/KOL/2015	428863	4/13/2023	INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR	SYSTEM FOR CYTOREDUCTION OF CIRCULATING CANCER CELLS FROM BLOOD AND A METHOD THEREOF
West Bengal	858/KOL/2015	389777	2/19/2022	BOSE INSTITUTE	ANTI-CANCER NIFETEPIMINE NANOFORMULATION.
West Bengal	1443/KOL/2012	375720	8/27/2021	SUREKHA KUNDU	PROCESS FOR PREPARATION OF SILVER NANOPARTICLES USING EDIBLE MUSHROOM PLEUROTUS FLORIDA
West Bengal	1136/KOL/2014	362703	3/23/2021	Indian Association for the Cultivation of Science	ANTICANCER ACTIVITIES OF A HETEROCYCLIC MOLECULE THAT SELECTIVELY STABILIZES G -QUADRUPLEX DNA
West Bengal	1033/KOL/2010	319652	9/2/2019	MUKHERJEE, RAMENDRA LAL	A PORTABLE MULTIPURPOSE OPAQUE ANALYZER

West Bengal	1734/KOL/2007	248741	8/17/2011	MAITY PRASANTA	A PROCESS FOR PREPARING AN AYURVEDIC MEDICAMENT EFFECTIVE AGAINST LEUKAEMIA AND CARCINOMA OF LUNG AND INTESTINE
West Bengal	201831002351	537476	5/9/2024	INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR	A SYSTEM AND METHOD TO DETECT MICROCALCIFICATION CLUSTERS IN MAMMOGRAM
West Bengal	201831021395	466501	11/7/2023	ADHIKARY, Arghya	HYALURONIC ACID-DECORATED THYMOQUINONE-LOADED PLURONIC® P123-F127 MIXED POLYMER NANOPARTICLES AS TARGETED THERAPY AGAINST TRIPLE NEGATIVE BREAST CANCER
West Bengal	202331036205	552424	10/16/2024	Mijanur Rahaman Molla	A CROSS-LINKED POLYMERIC NANOCOMPOSITE FOR CANCER CELLSELECTIVE DELIVERY OF ANTI-CANCER AGENT PARTHENOLIDE
West Bengal	202/CAL/2001	194779	9/2/2005	CHAUDHURI DR. SWAPNA	AN IMPROVED METHOD OF ISOLATION AND PURIFICATION OF GLYCOPROTEIN TIITS HAVING IMMUNOSTIMULATORY AND ANTITUMOR PROPERTY
West Bengal	268/KOL/2015	549235	8/30/2024	DR. PRANAB KUMAR DAS	"A NOVEL PHARMACEUTICAL COMPOSITION"
West Bengal	201831016759	354163	12/21/2020	CHAKRABARTI, GOPAL	NANOPARTICLE FOR TARGETED ORAL CHEMOTHERAPY
West Bengal	429/KOL/2007	259434	3/12/2014	RATHINDRANATH BARA; SUBRATA LASKAR; ANAMIKA BOSE; KOUSTAV SARKAR	PROCESS FOR ISOLATING GLYCOPROTEIN FROM NEEM LEAF AND ITS CHARACTERIZATION TO DEFINE THE IMUNOMODULATORY AND CANCER PREVENTIVE

					FUNCTIONS OF THIS GLYCOPROTEIN
West Bengal	638/KOL/2013	429759	4/24/2023	INDIAN INSTITUTE OF TECHNOLOGY	ANTI CANCER PEPTIDE FROM SANTALUM ALBUM L.
West Bengal	858/KOL/2007	291906	1/19/2018	DR. SUBHASIS ROY	BIOACTIVE COMPOUND(S) FROM MARINE GASTROPOD MOLLUSC (TELESCOPIUM TELESCOPIUM) AS POTENTIAL ANTICANCER/ ANTIPROLIFERATIVE AGENTS
West Bengal	781/KOL/2015	377675	9/23/2021	SARTHAK BHATTACHARYA	A PROCESS OF PREPARING EFFICIENT HERBAL NANOPARTICLES OF SOLASODINE FOR BREAST CANCER
West Bengal	201731038374	388098	1/31/2022	MOSSARAF HOSSAIN	The novel compounds to combat multiple cancers and their preparation thereof

**Note: Since the search relies on specific keywords, some false inclusions or exclusions may have occurred in the List above.**

**Annexure-II****State/UT wise details of SPIP Approvals for National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) under National Health Mission (NHM) during the period of F.Y. 2021-22 to 2023-24****(Rs. In lakhs)**

S.No.	State/UT	2021-22	2022-23	2023-24
1	Andaman & Nicobar Islands	56.96	52.46	56.18
2	Andhra Pradesh	4,672.54	6,078.76	5,954.08
3	Arunachal Pradesh	146.45	622.95	779.13
4	Assam	1,258.57	1,306.81	1,222.93
5	Bihar	956.30	8,298.99	7,163.81
6	Chandigarh	12.84	4.15	3.90
7	Chattisgarh	1,619.06	3,506.32	2,974.64
8	Dadra & Nagar Haveli	7.05	57.55	57.99
	Daman & Diu			
9	Delhi	191.15	164.70	335.41
10	Goa	168.97	153.05	145.25
11	Gujarat	2,076.80	4,071.68	3,778.31
12	Haryana	476.86	533.41	406.56
13	Himachal Pradesh	286.28	1,361.00	1,416.50
14	Jammu & Kashmir	805.68	792.00	882.00
15	Jharkhand	2,620.26	1,955.15	1,958.53

16	Karnataka	4,097.12	4,409.74	2,452.35
17	Kerala	4,250.92	7,662.02	5,249.09
18	Ladakh	104.45	273.36	166.43
19	Lakshadweep	24.72	21.21	22.28
20	Madhya Pradesh	1,402.09	4,753.73	2,090.26
21	Maharashtra	976.63	5,311.21	5,147.52
22	Manipur	623.31	722.21	724.30
23	Meghalaya	416.03	407.60	370.59
24	Mizoram	332.26	176.24	176.24
25	Nagaland	305.43	312.26	310.88
26	Odisha	2,158.89	7,442.69	6,067.91
27	Puducherry	126.82	113.10	135.94
28	Punjab	705.42	1,405.93	1,796.11
29	Rajasthan	4,603.49	23,542.92	23,542.92
30	Sikkim	156.78	117.04	85.55
31	Tamil Nadu	4,004.70	8,466.91	10,031.16
32	Telangana	3,139.44	5,272.72	5,145.00
33	Tripura	383.86	496.53	578.92
34	Uttar Pradesh	13,196.18	13,607.82	18,998.70

35	Uttarakhand	597.75	1,127.33	1,167.37
36	West Bengal	3,697.33	3,868.71	5,428.71

Note:

1. The above data is as per the available Financial Management Reports (FMRs) reported by the States/UTs.

**Annexure-III**

The details of funding support to Institutes (State/UT wise) provided by Department of Biotechnology in cancer research for the current financial year is as below:

<b>S.No</b>	<b>Institution details</b>	<b>Cost (INR in lakhs)</b>
<b>Delhi</b>		
1.	Indian Institute of Technology Delhi	29.27835
2.	National Institute of Immunology (NII), New Delhi	40.09066
3.	Jawaharlal Nehru University, New Delhi	13.01052
4.	Council Of Scientific And Industrial Research–Institute Of Genomics And Integrative Biology (CSIR–IGIB) New Delhi	11.0102
5.	Jamia Millia Islamia, New Delhi	5.1532
6.	All India Institute of Medical Sciences, New Delhi	20.40092
7.	Central Council for Research in Homoeopathy CCRH, New Delhi	3.3644
8.	Devki Devi Foundation, New Delhi	12.67
<b>Orissa</b>		
9.	National Institute of Technology, Rourkela	12.875
10	Institute of Life Sciences	15.24742
11	Institute of Medical Sciences and Sum Hospital	15.16
<b>West Bengal</b>		
12	Bose institute	8
13	Tata Memorial Centre, Kolkata	120.79439
14	Indian Institute of Technology, Kharagpur, Kharagpur	2.58294
15	CSIR-Indian Institute Of Chemical Biology	3.90288

16	NIBMG, Kolkata	16.91816
<b>Karnataka</b>		
17	IISc Bengaluru	134.87619
18	National Centre for Biological Sciences, Bengaluru	12.4056
19	Siddaganga Institute Of Technology, Timkur	22.781
20	Tata Memorial Centre	23.291
<b>Maharashtra</b>		
21	ACTREC, Mumbai	342.37475
22	NCCS, Pune	21.95747
23	IISER, Pune	18.316
24	Indian Institute of Technology - Mumbai	325.753
25	PCCM Mumbai	9
26	Tata Memorial Centre, Mumbai	93.69149
<b>Tamil Nadu</b>		
27	SRIHER, Chennai	19.05678
28	The Cancer Institute	13.432
29	Christian Medical College, Vellore Association	13.988
30	Meenakshi Misison Hospital and Research Center, Madurai, Tamil Nadu	15.158
<b>Uttarakhand</b>		
31	Indian Institute of Technology Roorkee	10.45961
32	All India Institute of Medical Science, Rishikesh	15.158
<b>Kerala</b>		
33	RCC, Trivandrum	37.93521
34	Malabar Cancer Centre, Thalassery	13.515
35	Amala Cancer Hospital Society Thrissur, Kerala	15.16
<b>Madhya Pradesh</b>		
36	IISER Bhopal	20.128
37		
<b>Uttar Pradesh</b>		
38	Aligarh Muslim University, Aligarh	21.484
39	Indian Institute of Technology - Kanpur	10.042
40	Banaras Hindu University Varanasi	7.0456
41	Central Drug Research Institute Lucknow	4
42	Shivanadhar university, Noida	6.748
43	Homi Bhabha Cancer Hospital,	13.553

	Varnasi (HBCH)	
<b>Goa</b>		
44	Birla Institute Of Technology And Science, Goa	14.262
<b>Haryana</b>		
45	Amity, Gurugram	8.6814
46	Regional Centre for Biotechnology, Faridabad	7.1456
47	Ashoka University, Manesar	16.092
<b>Telangana</b>		
48	Indian Institute of Technology, Hyderabad	6.797
49	Centre for DNA Fingerprinting and Diagnostics, Hyderabad	16.8148
<b>Gujarat</b>		
50	Nirma University, Ahmedabad	24.7556
<b>Assam</b>		
51	Dr. Bhubaneswar Borooah Cancer Institute, Guwahati, Assam	14.333
52	The Cachar Cancer Hospital Society, Silchar, Assam	13.815
<b>Meghalaya</b>		
53	Northeastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong, Meghalaya	13.515
<b>Pondicherry</b>		
54	Jawaharlal Institute of Postgraduate Medical Education and Research	22.24
<b>Punjab</b>		
55	Christian Medical College, Ludhiana	15.158