

Task Force on Repurposing of Drugs (TFORD) for COVID-19

Patent status in India: by GNANLEX

Zingiber officinale Roscoe

A. Active Patents

S.No.	Title	Assignee	Patent Details	Type of patent	Remarks
1.	Compositions for preventing or treating pollenosis, allergic nephritis, atopic dermatitis, asthma or urticaria	Matsuura Yakugyo Co., Ltd.	App No/Grant No: IN231692 (3184/DELNP/2004) Filing Date: 15/10/2004 Grant Date: 08/03/2009 Expected Expiry Date: 21/04/2023 Form 27: Worked In India	Composition patent	Patent barrier. However, can be worked around.
2.	Anti-cough, anti-tussive and throat soothing synergistic herbal formulation	Council Of Scientific & Industrial Research	App No/Grant No: IN225350 (00584/DELNP/2004) Filing Date: 08/03/2004 Grant Date: 11/11/2008 Expected Expiry Date: 30/12/2022 Form 27: Worked In India	Synergistic herbal formulation and method of preparation	Patent barrier. However, can be worked around.
3.	Bioavailability enhancing activity of zingiber officinale linn and extracts / fractions thereof	Council Of Scientific & Industrial Research	App No/Grant No: IN228728 (1894/DELNP/2004) Filing Date: 02/07/2004 Grant Date: 11/02/2009 Expected Expiry Date: 12/12/2022 Form 27: Not Worked In India	Composition and process for preparation	Patent barrier.
4.	Herbal compositions for treatment of aids and preparation thereof	Ayare Shambabu Devappa	App No/Grant No: IN227674 (712/MUM/2003) Filing Date: 14/07/2003 Grant Date: 14/01/2009 Expected Expiry Date: 14/07/2023	Composition	Patent barrier.
5.	Development of novel herbal formulation used as an anti-diabetic on traditional indigenous knowledge	Council Of Scientific & Industrial Research	App No/Grant No: IN240358 (1286/DELNP/2005) Filing Date: 03/11/2004 Grant Date: 05/05/2010 Expected Expiry Date: 03/11/2024 Form 27: Not Worked In India	Herbal formulation	Patent barrier.
6.	Compositions comprising lipophilic extracts of zingiber officinale and echinacea angustifolia for	Indena S.P.A.	App No/Grant No: IN318829 (3052/KOLNP/2011) Filing Date: 19/07/2011	Composition	Patent barrier.

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	the prevention and treatment of gastro-oesophageal reflux and chemotherapy-induced emesis		Grant Date: 23/08/2019 Expected Expiry Date: 15/01/2030 Form 27: Not Worked In India		
7.	Compositions comprising a lipophilic extract of zingiber officinale and an extract of cynara scolynus, which are useful for the prevention and treatment of oesophageal reflux and irritable bowel syndrome	Indena S.P.A.	App No/Grant No: IN316745 (3047/KOLNP/2011) Filing Date: 19/07/2011 Grant Date: 24/07/2019 Expected Expiry Date: 15/01/2030 Form 27: Not Worked In India	Composition	Patent barrier.
8.	Formulation for prevention and treatment of bacterial infections and process for preparation thereof	Shatrughna Prasad Vaidya	App No/Grant No: IN292257 (960/KOL/2009) Filing Date: 10/07/2009 Grant Date: 30/01/2018 Expected Expiry Date: 10/07/2029 Form 27: Not Worked In India	Process and composition	Patent barrier.

B. Pending Applications

S.No.	Title	Assignee	Application Details	Type of patent	Remarks
1.	Herbal compositions for effective treatment of aids, preparation thereof and method for treatment of aids patients	Ayare Shambabu Devappa	App No: 1341/MUMNP/2005 Filing Date: 02/12/2005 Published Date: 15/06/2007 Status: Est. Patent Expiry: 22/06/2034, If Granted	Herbal composition	Currently, No Patent Barrier.
2.	An antioxidant composition, a process for preparation of an antioxidant promoting composition and method of use thereof	Yerramilli Sri Rama Venkata Rao	App No: 762/CHE/2006 Filing Date: 25/04/2006 Published Date: 07/12/2007 Status: Est. Patent Expiry: 25/04/2026, If Granted	Composition and process for preparing	Currently, No Patent Barrier.
3.	A process for preparation of gingerol enriched ginger conserve	Council Of Scientific And Industrial, Research	App No: 284/DEL/2009 Filing Date: 13/02/2009 Published Date: 27/08/2010 Status: Est. Patent Expiry: 13/02/2029, If Granted	Process for the preparation	Currently, No Patent Barrier.
4.	A synergistic composition and process thereof	Synthite Industries Ltd.	App No: 999/CHE/2010 Filing Date: 09/04/2010	Composition	Currently, No Patent

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			Published Date: 14/09/2012 Status: Est. Patent Expiry: 09/04/2030, If Granted		Barrier.
5.	Formulations containing extracts of echinacea angustifolia and zingiber officinale which are useful in reducing inflammation and peripheral pain	Indena S.P.A.	App No: 216/KOLNP/2013 Filing Date: 24/01/2013 Published Date: 05/07/2013 Status: Est. Patent Expiry: 20/07/2031, If Granted	Method of treatment	Currently, No Patent Barrier.
6.	A novel synergistic herbal composition for use in treating pneumonia	HIRA Bhula	App No: 563/KOL/2012 Filing Date: 16/05/2012 Published Date: 12/12/2014 Status: Est. Patent Expiry: 16/05/2032, If Granted	Composition	Currently, No Patent Barrier.
7.	Compositions for treatment of cancer-related fatigue	Indena S.P.A.	App No: 222/KOLNP/2015 Filing Date: 23/01/2015 Published Date: 12/06/2015 Status: Est. Patent Expiry: 11/07/2033, If Granted	Composition	Currently, No Patent Barrier.
8.	A novel herbal multi-purpose pain relief composition	T. V. V. S. R. Varma	App No: 3043/CHE/2015 Filing Date: 18/06/2015 Published Date: 28/04/2017 Status: Est. Patent Expiry: 18/06/2035, If Granted	Herbal multipurpose pain relief composition	Currently, No Patent Barrier.
9.	A herbal formulation for treatment of typhoid fever and preparation thereof	Indian Council Of Medical Research	App No: 2775/DEL/2012 Filing Date: 06/09/2012 Published Date: 04/04/2014 Status: Est. Patent Expiry: 06/09/2032, If Granted	Herbal composition for the treatment of typhoid fever	Currently, No Patent Barrier.
10.	Herbal composition for a beverage with antioxidant properties	GADA, Samatbhai Popatbhai	App No: 731/MUM/2014 Filing Date: 04/03/2014 Published Date: 30/10/2015 Status: Est. Patent Expiry: 04/03/2034, If Granted	Herbal composition	Currently, No Patent Barrier.
11.	Methods and compositions for treating non-small cell lung cancer	1. OP Nano Co. Ltd. 2. National Yang Ming	App No: 201717047231 Filing Date: 29/12/2017 Published Date: 23/02/2018	Composition	Currently, No Patent Barrier.

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		University 3. Chang Gung Medical Foundation Keelung Chang Gung Memorial Hospital	Status: Est. Patent Expiry: 03/06/2036, If Granted		
12.	Formulations for the treatment of disorders of the mouth throat and respiratory tract	MEHTA Raman	App No: 201717047084 Filing Date: 28/12/2017 Published Date: 23/02/2018 Status: Est. Patent Expiry: 10/06/2036, If Granted	Method of treatment	Currently, No Patent Barrier.
13.	Novel dietary supplementary immune system stimulator formulation and method of preparation thereof	Dr. Abdulsubahan Abdul Rahma	App No: 201641001114 Filing Date: 12/01/2016 Published Date: 14/07/2017 Status: Est. Patent Expiry: 12/01/2036, If Granted	Formulation	Currently, No Patent Barrier.
14.	Compositions useful in the prevention and/or treatment of inflammation and pain	Indena S.P.A.	App No: 201847031050 Filing Date: 20/08/2018 Published Date: 31/08/2018 Status: Est. Patent Expiry: 20/02/2037, If Granted	Formulation/ composition	Currently, No Patent Barrier.
15.	Endosymbiotic pathogenic archaea in chronic diseases and treatment with natural antioxidant antibiotics derived from crude plants extracts	1. Ravikumar Kurup 2. Parameswara Achutha Kurup	App No: 201641016138 Filing Date: 09/05/2016 Published Date: 10/11/2017 Status: Est. Patent Expiry: 09/05/2036, If Granted	Formulation/ composition	Currently, No Patent Barrier.
16.	Herbal composition with anti-inflammatory, analgesic, anti-pyretic properties for alleviation of arthritis and gout and method thereof	Chikane, Hiraman Baban	App No: 201621030891 Filing Date: 09/09/2016 Published Date: 06/09/2019 Status: Est. Patent Expiry: 09/09/2036, If Granted	Formulation/ composition	Currently, No Patent Barrier.
17.	Process for the preparation of powder compositions	Indena S.P.A.	App No: 201947027567 Filing Date: 10/07/2019 Published Date: 19/07/2019 Status: Est. Patent Expiry: 30/11/2017, If Granted	Process for the preparation	Currently, No Patent Barrier.
18.	An antipyretic herbal composition	Jitendra Awasthi	App No: 201711005894 Filing Date: 20/02/2017 Published Date: 24/08/2018	Composition	Currently, No Patent Barrier.

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			Status: Est. Patent Expiry: 20/02/2037, If Granted		
19.	Medicinal composition derived from multiple plant sources for gastrointestinal disorder	Antony, Benny	App No: 201741011142 Filing Date: 29/03/2017 Published Date: 05/10/2018 Status: Est. Patent Expiry 29/03/2037, If Granted	Composition	Currently, No Patent Barrier.
20.	Herbal composition for therapeutic management of asthma and process of preparation thereof	Dhaneshwar Mahato	App No: 201731013501 Filing Date: 17/04/2017 Published Date: 26/10/2018 Status: Est. Patent Expiry 17/04/2037, If Granted	Herbal composition	Currently, No Patent Barrier.
21.	Herbal formulation for use in prevention and cure of diabetes mellitus	JAHAN, Nishat	App No: 201811011711 Filing Date: 28/03/2018 Published Date: 04/10/2019 Status: Est. Patent Expiry 28/03/2038, If Granted	Composition	Currently, No Patent Barrier.
22.	Novel pharmaceutical composition for the treatment and management of lung diseases and associated complications	R Giri Kumar	App No: 201841009666 Filing Date: 16/03/2018 Published Date: 20/09/2019 Status: Est. Patent Expiry 16/03/2038, If Granted	Composition and method of treating	Currently, No Patent Barrier.
23.	Gingerol composition and a process for preparation thereof	1. Kerala Agricultural University 2. Arjuna Natural Ltd	App No: 201841018530 Filing Date: 17/05/2018 Published Date: 22/11/2019 Status: Est. Patent Expiry 17/05/2038, If Granted	Composition	Currently, No Patent Barrier.
24.	An immune system booster composition and method of preparation thereof	Arpita Divyesh Doshi	App No: 201821024350 Filing Date: 29/06/2018 Published Date: 05/10/2018 Status: Est. Patent Expiry 29/06/2038, If Granted	Composition and method of preparation	Currently, No Patent Barrier.
25.	Herbal composition for therapeutic management of tuberculosis and process of preparation thereof	Chellammal Maduraiveeran	App No: 201841025963 Filing Date: 11/07/2018 Published Date: 17/01/2020 Status: Est. Patent Expiry 11/07/2038, If Granted	Herbal composition	Currently, No Patent Barrier.
26.	Ramban cough aushadi	Maya Sharma	App No: 201811048303	Synergistic	Currently,

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			Filing Date: 20/12/2018 Published Date: 15/02/2019 Status: Est. Patent Expiry 20/12/2038, If Granted	herbal formulation	No Patent Barrier.
27.	Composition for dissolving heart blockages and method of preparation thereof	1. Mrs. Manasi Vyankatesh Ghamande 2. Krish Agarwal, 3. Atharv Nirmal, 4. Vaishnavi Bhoite, 5. Shardul Pande, 6. Pratyansha Dhore, 7. Ritik Sharma, 8. Jaidev Singh Granthi, 9. Jitesh Bhansali, 10. Pratik Fandade, 11. Raghvendra Zarkar	App No: 201921009336 Filing Date: 11/03/2019 Published Date: 29/03/2019 Status: Est. Patent Expiry 11/03/2039, If Granted	Novel composition and method of preparation	Currently, No Patent Barrier.

C. Expired/Lapsed Applications

S.No.	Title	Assignee	Application Details	Type Of Patent	Remarks
1.	A herbal composition having anti allergic properties and a process for the preparation thereof	Natural Remedies Private Ltd	App No/Grant No: IN234888 (158/MAS/2000): Filing Date: 28/02/2000 Grant Date: 19/06/2009 Status: Patent Ceased	Improved Synergistic Herbal Composition	No Patent Barrier
2.	Composition for preparing therapeutically active and clinically efficacious ayurvedic medicinal plant based ayurvedic medicinal pills	Hiralal gordhanbhai surani	App No/Grant No: 31/MUM/2003 Filing/Priority Date: 09/01/2003 Status Abandoned	Composition	No Patent Barrier
3.	A herbo mineral preparation for general immunity and strengthening the body of children	Central council for research in ayurveda and siddha	App No/Grant No: 188/DEL/2004 Filing/Priority Date: 11/02/2004 Status Refused	Herbo-Mineral Formulation	No Patent Barrier
4.	A novel process for isolation of 6- gingerol from plant zingiber officinale, agent for antidiabetic treatment	L. M. College of pharmacy	App No/Grant No: 460/MUM/2004 Filing/Priority Date: 16/04/2004 Status Abandoned	Process	No Patent Barrier

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5.	A composition useful for treatment in chronic respiratory disorders	Marozhukayil Joseph Jose	App No/Grant No: IN244043 (902/DEL/2004) Filing/Priority Date: 19/05/2004 Status Ceased	Process For Preparation	No Patent Barrier
6.	A process for the preparation of a composition useful for treatment in chronic respiratory disorders	Marozhukayil Joseph Jose	App No/Grant No: IN210085 (903/DEL/2004) Filing/Priority Date: 19/05/2004 Status Ceased	Composition	No Patent Barrier
7.	Synergistic herbal anthelmintic composition	Advanced enzyme technologies limited	App No/Grant No: 1249/MUM/2006 Filing/Priority Date: 07/08/2006 Status Withdrawn	Composition	No Patent Barrier
8.	A novel herbal composition and a process for preparation thereof effective against diarrhoea and dysentery	Central council for research in unani medicine	App No/Grant No: 1864/DEL/2006 Filing/Priority Date: 21/08/2006 Status Refused	Composition And Process	No Patent Barrier
9.	Compositions and methods for treating infectious bronchitis	The quigley corporation	App No/Grant No: 2863/DELNP/2009 Filing/Priority Date: 30/04/2009/ 14/12/2006 Status Withdrawn/ Abandoned	Compositions And Methods For Treating	No Patent Barrier
10.	Synergistic polyherbal composition for the treatment of brochial asthma and the process of preparing the same	Dalmia centre For Research And Development	App No/Grant No: 1401/CHE/2008 Filing/Priority Date: 09/06/2008 Status Abandoned	Composition For The Treatment Of Bronchial Asthma	No Patent Barrier
11.	A process for the preparation of a composition useful for treatment in cancer, piles chronic respiratory disorders	Marozhukayil Joseph Jose	App No/Grant No: 1068/DEL/2009 Filing Date / Priority Date: 25/05/2009 Status: Appears Abandoned	Composition	No Patent Barrier
12.	A herbal composition for inflammatory disorders	Himalaya global holdings limited	App No/Grant No: 2736/DEL/2009 Filing Date / Priority Date: 30/12/2009 Status: Withdrawn/ Abandoned	Herbal Composition	No Patent Barrier
13.	Herbal formulation for respiratory tract problems, cough curiosa and asthma in unique dosage form	Vasu healthcare pvt. Ltd.	App No/Grant No: 2930/MUM/2009 Filing Date / Priority Date: 18/12/2009 Status: Withdrawn/ Abandoned	Herbal Formulation	No Patent Barrier
14.	Herbal composition for diarrhoea	Himalaya global holdings ltd	App No/Grant No: 22/DEL/2010	Herbal Composition	No Patent Barrier

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			Filing Date / Priority Date: 05/01/2010 Status: Abandoned	For Diarrhoea	
15.	A composition for treatment of osteoarthritis and other painful, inflammatory musculoskeletal disorders	Enovate biolife private limited	App No/Grant No: 1568/MUM/2010 Filing Date / Priority Date: 18/05/2010 Status: Abandoned	Synergistic Herbal Composition	No Patent Barrier
16.	Ayurvedic formulation for the management of gout and related symptoms	Akums drugs & pharmaceuticals limited	App No/Grant No: 823/DEL/2011 Filing Date / Priority Date: 24/03/2011 Status: Abandoned	Formulation	No Patent Barrier
17.	Ayurvedic/ herbal dry syrup formulation for treatment of respiratory allergies	Bacfo pharmaceuticals (india) ltd	App No/Grant No: 1335/DEL/2011 Filing Date / Priority Date: 06/05/2011 Status: Abandoned	Formulation Patent For The Treatment Of Respiratory Allergies	No Patent Barrier
18.	Herbal energy drink in different flavors	Amity university	App No/Grant No: 2554/DEL/2011 Filing Date / Priority Date: 06/09/2011 Status: Abandoned	Herbal Energy Drink	No Patent Barrier
19.	A novel ayurvedic formulation for the treatment of cough and other associated symptoms	Akums drugs & pharmaceuticals limited	App No/Grant No: 2716/DEL/2011 Filing Date / Priority Date: 20/09/2011 Status: Abandoned	Herbal Formulation	No Patent Barrier
20.	A nano-herbomineral composition and process of preparation thereof for treatment of allergic and bronchial disorders	Dwibhashyam venkata sreeramamurty	App No/Grant No: 607/CHE/2012 Filing Date / Priority Date: 20/02/2012 Status: Abandoned	Nano-Herbo-Mineral Composition	No Patent Barrier
21.	A fermented immuno-modulator beverage and process for the preparation thereof	Amity university	App No/Grant No: 386/DEL/2012 Filing Date / Priority Date: 13/02/2012 Status: Abandoned	Composition	No Patent Barrier
22.	A herbal formulation and method of preparation thereof for treatment of thyroid and neurological disorders	Dwibhashyam venkata sreeramamurty	App No/Grant No: 608/CHE/2012 Filing Date / Priority Date: 20/02/2012 Status: Abandoned	Herbal Formulation And Method Of Preparation	No Patent Barrier
23.	Novel immunostimulant herbal composition & nbsp; method of preparation of the same and use thereof	Dr. Manish a. Rachchh	App No/Grant No: 1514/MUM/2012 Filing Date / Priority Date: 18/05/2012 Status: Abandoned	Process For Preparation And Composition	No Patent Barrier

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24.	Herbal cough candy and process for the preparation of the same	Amity university	App No/Grant No: 3038/DEL/2012 Filing Date / Priority Date: 28/09/2012 Status: Appears Abandoned	Herbal Candy Formulation	No Patent Barrier
25.	A novel formulation for anti inflammation containing curcumin and ginger	Plant lipids private limited	App No/Grant No: 4444/CHE/2015 Filing Date / Priority Date: 25/08/2015 Status: Appears Abandoned	Novel Formulation	No Patent Barrier
26.	Production of ayurvedic preparations from hers for treatment of liver cancer.	Mr. Arun kumar	App No/Grant No: 201611031146 Filing Date / Priority Date: 13/09/2016 Status: Appears Abandoned	Method Of Treatment	No Patent Barrier
27.	A herbal composition, and implementations thereof	Itc limited	App No/Grant No: 201841012153 Filing Date / Priority Date: 30/03/2018 Status: Appears Abandoned	Herbal Composition	No Patent Barrier

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Search results are up to 29th April 2020

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