

Department of Environmental Microbiology

Details of Patents granted, Consultancies and Industrial Collaborations in the Department

Patent Granted (One)

- Decolorization and detoxification of distillery wastewater with combined use of bacteria and constructed wetland treatment
Name of patentee(s): Ram Chandra, Sonam Tripathi, Kshitij Singh, Sangeeta Yadav
Patent number: 2021101010

Patent Filed (One)

- Method for solar photo decolourisation of bacterial degraded distillery wastewater for its reuses in agriculture
Name of patentee(s): Ram Chandra, Sonam Tripathi, Sangeeta Yadav
Application number: 2021103846

Consultancies project and Industrial Collaborations

Sl. NO.	Title of the project	Name of PI and Co-PI	Funding Agency	Amount in Rs. (Lacs)	Duration of Project	Status of the Project	Name of the Department
1.	Microbial and physicochemical analysis of soil and leachate of distillery polluted site for assessment of bioremediation	PI: Prof. Ram Chandra	M/S Godavari Biorefineries Ltd. Ahmednagar, Maharashtra.	3.62	2016-17	Completed	Department of Environmental Microbiology
2.	Analysis of organic pollutants and heavy metals in soil (07) and leachate (14) samples from M/S Godavari Biorefineries Ltd. Ahmednagar, Maharashtra	PI: Prof. Ram Chandra	M/S Godavari Biorefineries Ltd. Ahmednagar, Maharashtra.	2.00	2017-18	Completed	Department of Environmental Microbiology
3.	Analysis of leachate (06) and sludge sample (02)	PI: Prof. Ram Chandra	M/S Godavari Biorefineries Ltd. Ahmednagar, Maharashtra	1.00	2018-19	Completed	Department of Environmental Microbiology
4.	Drawing, Designing, Engineering, Construction, Supply, Installation, Erection, Testing & Commissioning of Effluent Treatment Plant for Hospitals with all Civil & Electromechanical work	PI: Prof. Ram Chandra	M/S Saviour Envirotech, Lucknow	25000 (Twenty Five Thousand)	2020	Completed	Department of Environmental Microbiology
5.	Vetting charges for 160KLD sewage treatment plant	PI: Prof. Ram Chandra	M/S Saviour Envirotech, Lucknow	25000 (Twenty Five Thousand)	2021	Completed	Department of Environmental Microbiology



Australian Government
IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101010

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

RAM CHANDRA of Professor and PI Department of, Environmental Microbiology, B.B. Ambedkar university (A Central University) , Lucknow 226025 India

SONAM TRIPATHI of Research Scholar Department of, Environmental Microbiology, B.B. Ambedkar university (A Central University) Lucknow India

KSHITIJ SINGH of Research Scholar Department of, Environmental Microbiology, B.B. Ambedkar university (A Central University) Lucknow India

SANGEETA YADAV of Post Doctoral Fellow, Department of, Environmental Microbiology, B.B. Ambedkar university (A Central University) Lucknow India

Title of invention:

Decolorization and Detoxification of Distillery Wastewater with Combined Use of Bacteria and Constructed Wetland Treatment

Name of inventor(s):

CHANDRA, RAM; TRIPATHI, SONAM; SINGH, KSHITIJ and YADAV, SANGEETA

Term of Patent:

Eight years from 24 February 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 21st day of April 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Patent Filed

2021103846 : METHOD FOR SOLAR PHOTO DECOLOURISATION OF BACTERIAL DEGRADED DISTILLERY WASTEWATER FOR ITS REUSES IN AGRICULTURE

▾ Bibliographic data

▾ Application details

Australian application number	2021103846	Patent application type	Innovation	
Application status	FILED	Paid to date	2023-07-03	First IPC Mark
Currently under opposition	No	Proceeding type(s)		
Invention title	METHOD FOR SOLAR PHOTO DECOLOURISATION OF BACTERIAL DEGRADED DISTILLERY WASTEWATER FOR ITS REUSES IN AGRICULTURE			
Inventor(s)	CHANDRA, RAM ; YADAV, SANGEETA ; TRIPATHI, SONAM			
Agent name	CHANDRA, RAM	Address for legal service	VIC 3046 Australia show full address	
Filing date	2021-07-03	Australian OPI date		OPI published in journal
Effective date of patent	2021-07-03	Expiry date	2029-07-03	
Additional/Divisional application number	Additional/Divisional relationship			