Gmail

Mukesh Patidar <mkpatidar1@gmail.com>

SERB-Notification

7 messages

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

Wed, Nov 18, 2020 at 3:08 PM

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: TAR/2020/000399

Dated: 18-Nov-2020

Subject: Project titled "Plant Based Bioplastic: Development of biodegradable plastic utilizing cellulose extracted from Parthenium weed"

Dear Dr. Mukesh Kumar Patidar,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant – As per SERB-TARE norms

Fellowship – As per SERB-TARE norms

Overhead Charges – As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2020/000399** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Assistant Professor
Department of Biosciences
Maharaja Ranjit Singh College
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M.R.S.C.P. INDORE

MAHARAJA RANJIT SINGH COLLEGE OF PROFESSIONAL SCIENCES, INDORE

Drinking Water Analysis Report (2016-2017)

S.No.	Date	Parameter	Method	Water filter 1 (Ground Floor)	Water filter 2 (First Floor)	Water filter 3 (Second Floor)	Acceptable Limits As per IS 10500
1		Odor		Agreeable	Agreeable	Agreeable	Agreeable
2	28-11-2016	pH Value	Instrumentation Method	6.9	7.5	7.8	6.5 to 8.5
3		Dissolved oxygen (mg/ml)	Titrametric Method	7.5	7.2	6.8	6.5 to 8
4	30-08-2016	MPN Index	Most probable number method	Negative	Negative	Negative	Negative
5	28/11/16	Hardness (ppm)	Complexometric Titrametric Method	267	315	295	300-500

Drinking Water Analysis Report (2017-2018)

S.No.	Date	Parameter	Method	Water filter 1	Water filter 2	Water filter 3	Acceptable Limits As per IS 10500
1		Odor		Agreeable	Agreeable	Agreeable	Agreeable
2	09-11-2017	pH Value	Instrumentation Method	6.5	7.2	7.5	6.5 to 8.5
3		Dissolved oxygen (mg/ml)	Titrametric Method	8	7.8	7.5	6.5 to 8
4	11-09-2017	MPN Index	Most probable number method	Negative	Negative	Negative	Negative
5	09-11-2017	Hardness (ppm)	Complexometric Titrametric Method	367	389	345	300-500

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Drinking Water Analysis Report (2018-2019)

S.No.	Date	Parameter	Method	Water filter 1	Water filter 2	Water filter 3	Acceptable Limits As per IS 10500
1		Odor		Agreeable	Agreeable	Agreeable	Agreeable
2		pH Value	Instrumentation Method	7.2	7.6	7.9	6.5 to 8.5
3	22-10-2018	Dissolved oxygen (mg/ml)	Titrametric Method	6.9	6.7	7.2	6.5 to 8
4	09-10-2018	MPN Index	Most probable number method	Negative	Negative	Negative	Negative
5	22/10/18	Hardness (ppm)	Complexometric Titrametric Method	341	398	378	300-500

Drinking Water Analysis Report (2019-2020)

S.No.	Date	Parameter	Method	Water filter 1	Water filter 2	Water filter 3	Acceptable Limits As per IS 10500
1		Odor		Agreeable	Agreeable	Agreeable	Agreeable
2	09-11-2019	pH Value	Instrumentation Method	7.2	7.6	7.9	6.5 to 8.5
3		Dissolved oxygen (mg/ml)	Titrametric Method	6.9	6.7	7.2	6.5 to 8
4	30/7/19	MPN Index	Most probable number method	Negative	Negative	Negative	Negative
5	09-11-2019	Hardness (ppm)	Complexometric Titrametric Method	341	398	378	300-500

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MAHARAJA RANJIT SINGH COLLEGE OF PROFESSIONAL SCIENCES, INDORE

Analysis of Sewage Water (2016-2017)

S.No.	Date	Parameters	Method	Sewage water Chamber in Teacher's Parking Lot	Acceptable Limits for Irrigation
1	28-11-2016	pH Value	Instrumentation method	8.2	6 to 9
2		Total Hardness (ppm)	Complexometric Titrametric Method	252	200 to 300
3		Disolved Oxygen (mg/ml)	Titrametric Method	2.8	3 to 4
4		BOD (mg/ml)	Titrametric Method	1.1	1 to 2 ppm
5	30-08-2016	MPN Index	Most probable number method	Positive	Permissible upto 500 microorganisms per 100 ml water

Analysis of Sewage Water (2017-2018)

S.No.	Date	Parameters	Method	Sewage water Chamber in Teacher's Parking Lot	Acceptable Limits for Irrigation
1	09-11-2017	pH Value	Instrumentation Method	8.2	6 to 9
2		Total Hardness (ppm)	Complexometric Titrametric Method	252	200 to 300
3		Disolved Oxygen (mg/ml)	Titrametric Method	2.8	3 to 4
4		BOD (mg/ml)	Titrametric Method		
5	11-09-2017	MPN Index	Most probable number method	Positive	Permissible upto 500 microorganisms per 100 ml water

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5	09-10-2018	MPN Index	Most probable number method	Positive	Permissible upto 500 microorganisms per 100 ml water

Analysis of Sewage Water (2019-2020)

S.No.	Date	Parameters	Method	Sewage water Chamber in Teacher's Parking Lot	Acceptable Limits for Irrigation
1	09-11-2019	pH Value	Instrumentation method	8.2	6 to 9
2		Total Hardness (ppm)	Complexometric Titrametric Method	252	200 to 300
3		Disolved Oxygen (mg/ml)	Titrametric Method	2.8	3 to 4
4		BOD (mg/ml)	Titrametric Method	1.1	1 to 2 ppm
5	30-07-2019	MPN Index	Most probable number method	Positive	Permissible upto 500 microorganisms per 100 ml water

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