

PATENT OFFICE
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CHALLAN : TR-5
DOCKET NO:44347

Date/Time : 17/05/2022

To,
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032. principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19633	ORDINARY APPLICATION	202241028207	WATERSHED MODELLING USING ARCGIS	1750
2		E-2/2093/2022-CHE	202241028207	Form2	0
3		E-3/15130/2022-CHE	202241028207	Form3	0
4	19633	E-12/3632/2022-CHE	202241028207	Form9	2750
5		E-106/2847/2022-CHE	202241028207	Form28	0
6		E-101/7525/2022-CHE	202241028207	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	City Union Bank Ltd.	333754	26/04/2022	4500

Note: This is electronically generated receipt hence no signature required.

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DOCKET NO:44398
To,
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032. principal@hicet.ac.in

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	19667	ORDINARY APPLICATION	202241028245	DEVELOPMENT OF A SMART SYSTEM FOR MONITORING IN HYDROPONIC FARMING ECOSYSTEM	1750
2		E-2/2105/2022-CHE	202241028245	Form2	0
3		E-3/15153/2022-CHE	202241028245	Form3	0
4	19667	E-12/3645/2022-CHE	202241028245	Form9	2750
5		E-106/2857/2022-CHE	202241028245	Form28	0
6		E-101/7535/2022-CHE	202241028245	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	City Union Bank Ltd.	067827	25/04/2022	4500

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CHALLAN : TR-5
DOCKET NO:44370

Date/Time : 17/05/2022

To,
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VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032. principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19651	ORDINARY APPLICATION	202241028234	DESIGN OF EARLY WARNING AGRICULTURAL DROUGHT DETECTION SYSTEM	1750
2		E-2/2103/2022-CHE	202241028234	Form2	0
3		E-3/15143/2022-CHE	202241028234	Form3	0
4	19651	E-12/3642/2022-CHE	202241028234	Form9	2750
5		E-106/2856/2022-CHE	202241028234	Form28	0
6		E-101/7534/2022-CHE	202241028234	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	City Union Bank Ltd.	333753	26/04/2022	4500

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CHALLAN : TR-5
DOCKET NO:44368

Date/Time : 17/05/2022

To,
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Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19648	ORDINARY APPLICATION	202241028230	ULTRASONIC REPELLER IN PADDY FIELD FOR BIRDS, RATS AND PEST CHASE	1750
2		E-2/2102/2022-CHE	202241028230	Form2	0
3		E-3/15142/2022-CHE	202241028230	Form3	0
4	19648	E-12/3641/2022-CHE	202241028230	Form9	2750
5		E-106/2855/2022-CHE	202241028230	Form28	0
6		E-101/7533/2022-CHE	202241028230	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	State Bank of India	523911	25/04/2022	4500

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CHALLAN : TR-5
DOCKET NO:44356

Date/Time : 17/05/2022

To,
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VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032. principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19640	ORDINARY APPLICATION	202241028221	MODIFICATION AND ERGONOMICAL EVALUATION OF CONO-WEEDER	1750
2		E-2/2098/2022-CHE	202241028221	Form2	0
3		E-3/15136/2022-CHE	202241028221	Form3	0
4	19640	E-12/3637/2022-CHE	202241028221	Form9	2750
5		E-106/2852/2022-CHE	202241028221	Form28	0
6		E-101/7530/2022-CHE	202241028221	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Indian Overseas Bank	649621	27/04/2022	4500

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CHALLAN : TR-5
DOCKET NO:44349

Date/Time : 17/05/2022

To,
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE - 641032. principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19635	ORDINARY APPLICATION	202241028211	DEVELOPMENT OF A MANUALLY ADJUSTABLE SWEEP CUM MULTIPLE PULVERIZING ROLLER DRYLAND WEEDER FOR WIDE	1750
2		E-2/2095/2022-CHE	202241028211	Form2	0
3		E-3/15132/2022-CHE	202241028211	Form3	0
4	19635	E-12/3634/2022-CHE	202241028211	Form9	2750
5		E-106/2849/2022-CHE	202241028211	Form28	0
6		E-101/7527/2022-CHE	202241028211	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Indian Overseas Bank	649618	25/04/2022	4500

Note: This is electronically generated receipt hence no signature required.

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CHALLAN : TR-5
DOCKET NO:44341

Date/Time : 17/05/2022

To,
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VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032 principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19631	ORDINARY APPLICATION	202241028204	DEVELOPMENT OF COCONUT HARVESTING TOOL	1750
2		E-2/2091/2022-CHE	202241028204	Form2	0
3		E-3/15127/2022-CHE	202241028204	Form3	0
4	19631	E-12/3630/2022-CHE	202241028204	Form9	2750
5		E-106/2845/2022-CHE	202241028204	Form28	0
6		E-101/7523/2022-CHE	202241028204	Others(EDUCATIONAL INSTITUTIONAL ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	State Bank of India	523910	25/04/2022	4500

Note: This is electronically generated receipt hence no signature required.

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CHALLAN : TR-5
DOCKET NO:44346

Date/Time : 17/05/2022

To,
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VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032 principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19632	ORDINARY APPLICATION	202241028206	UTILISATION OF FOOD WASTE INTO USEFUL PRODUCTS	1750
2		E-2/2092/2022-CHE	202241028206	Form2	0
3		E-3/15129/2022-CHE	202241028206	Form3	0
4	19632	E-12/3631/2022-CHE	202241028206	Form9	2750
5		E-106/2846/2022-CHE	202241028206	Form28	0
6		E-101/7524/2022-CHE	202241028206	Others(EDUCATIONAL INSTITUTIONAL ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	City Union Bank Ltd.	067826	25/04/2022	4500

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CHALLAN : TR-5
DOCKET NO:44351

Date/Time : 17/05/2022

To,
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-641032. principal@hicet.ac.in

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	19637	ORDINARY APPLICATION	202241028212	DEVELOPMENT OF PEPPER CLEANER CUM GRADER	1750
2		E-2/2096/2022-CHE	202241028212	Form2	0
3		E-3/15133/2022-CHE	202241028212	Form3	0
4	19637	E-12/3635/2022-CHE	202241028212	Form9	2750
5		E-106/2850/2022-CHE	202241028212	Form28	0
6		E-101/7528/2022-CHE	202241028212	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	State Bank of India	523912	25/04/2022	4500

Note: This is electronically generated receipt hence no signature required.

(54) Title of the invention : The Effects of Blending Cow Milk with Soymilk on Yoghurt Quality

(51) International classification : A23C001100000, A23C0009130000, A61K0035320000,
 A23C0009123000, A61K0008980000
 (86) International Application No : PCT/
 Filing Date : 01/01/1900
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to Application Number : NA
 Filing Date : NA

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 3) P INDIJA
 4) ATHIRA P
 5) CHINJU SAJU
 6) DRISYA G. CHANDRAN
 7) MEENA S
 8) JOSELIN ANN JOY
 9) ARYA KRISHNAN S
 10) SREEJA K

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9) ARYA KRISHNAN S
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10) SREEJA K
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(57) Abstract :
 The Effects of Blending Cow Milk with Soymilk on Yoghurt Quality Abstract: When soy milk was combined with buffalo or cow milk, numerous features of yoghurt were investigated. We used soymilk, buffalo milk, cow milk, a 75/25 mixture of buffalo milk and soymilk, and a 75/25 mixture of cow milk and soymilk for our yoghurt treatment. In terms of acidity, redox potential, solids, fat, total nitrogen, ash (total volatile fatty acids, saturated fatty acids), and total amino acids, soy milk yoghurt was the least acidic. The most acidic yoghurt was made from buffalo milk. When soymilk is combined with buffalo or cow milk to produce yoghurt, a portion of these nutrients are lost. Soymilk yoghurt contained the highest levels of linoleic and linolenic acid. It was also rich in unsaturated fatty acids. How many S's are there. The thermophiles in fresh yoghurt samples were nearly identical. When making yoghurt with soy milk alone or in combination with buffalo or cow milk, the L count was drastically reduced, butyricus. When buffalo or cow milk was combined with soy milk, it enhanced the flavour of yoghurt.

No. of Pages : 9 No. of Claims : 6

(54) Title of the invention : The Effects of Blending Cow Milk with Soymilk on Yoghurt Quality

(71) International Classification A71C001/30000, A27C004/30000, A61K003/32000, A27C009/21000, A61K009/00000
 (86) International Application No. PCT/IN2019/00019
 (87) International Publication No. NA
 (61) Priority of Address NA
 Applicant Number NA
 Filing Date NA
 (62) Division of Application Number NA
 Filing Date NA

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Name of Applicant : NA
 Address of Applicant : NA

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SJSHREEJA K
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(57) Abstract
 The Effects of Blending Cow Milk with Soymilk on Yoghurt Quality Abstract: When soy milk was combined with buffalo or cow milk, numerous features of yogurt were investigated. We used soymilk, buffalo milk, cow milk, a 75:25 mixture of buffalo milk and soymilk, and a 75:25 mixture of cow milk and soymilk for our yogurt treatments. In terms of quality, total solids, total acid, total nitrogen, ash (total volatile fatty acids), and total amino acids, soy milk yogurt was the least acidic. The most acidic yogurt was made from buffalo milk. When soymilk is combined with buffalo or cow milk to produce yogurt, a portion of these nutrients are lost. Soymilk yogurt contained the highest levels of linoleic and linolenic acid. It was also rich in unsaturated fatty acids. However, there were no differences in the total solids or total nitrogen content of the yogurts. The thermophilic or heat yogurt samples were nearly identical. When making yogurt with soy milk, cow or buffalo milk, the L. acid was significantly reduced. In general, when buffalo or cow milk was combined with soy milk, a cow-based or buffalo-based yogurt was produced.

No. of Pages : 9 No. of Claims : 4