

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211003036 A

(19) INDIA

(22) Date of filing of Application :19/01/2022

(43) Publication Date : 28/01/2022

(54) Title of the invention : AN ORAL TABLET COMPOSITION COMPRISING ACTIVE PHARMACEUTICAL INGREDIENTS SUITABLE FOR THE TREATMENT OF AUTOPHAGY MODULATION-ASSOCIATED DISEASES

(51) International classification :A61K0009200000, A61K0009000000, A61K0009190000, A61K0031443900, A61K0031045000
(86) International Application No :NA
Filing Date :NA
(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

(71)Name of Applicant :

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2)DEEPAK KR. KUSHAWAH

3)Dr. Monika Kaurav

4)Sumit Durgapal

5)Laxmi Goswami

6)Dr. Sayantan Mukhopadhyay

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

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(57) Abstract :

This invention analyzes an oral tablet composition comprising active pharmaceutical ingredients suitable for the treatment of autophagy modulation-associated diseases. Embodiments include methods for treating the autophagy related diseases. Administration of the compositions will typically be via any common route. This includes oral, parenteral, orthotopic, intradermal, subcutaneous, intramuscular, intraperitoneal, intranasal, or intravenous injection. Oral formulations include such normally employed excipients as, for example, pharmaceutical grades of mannitol, lactose, starch, magnesium stearate, sodium saccharine, cellulose, magnesium carbonate and the like. These compositions take the form of solutions, suspensions, tablets, pills, capsules, sustained release formulations or powders and contain about 10% to about 95% of active ingredient, preferably about 60%. The compositions are administered orally.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211028121 A

(19) INDIA

(22) Date of filing of Application : 16/05/2022

(43) Publication Date : 20/05/2022

(54) Title of the invention : DEVELOPMENT AND EVALUATION OF VORICONAZOLE LOADED NANOSTRUCTURED LIPID CARRIER BASED IN-SITU GEL OCULAR DRUG DELIVERY

(51) International classification : A61K00900000, A61K0031506000, A61K009060000,
A61K0009107000, A61K0047140000

(86) International Application No : NA
Filing Date : NA

(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) DR. NAVNEET VERMA

5) DR. ANITA SINGH
6) DR. BHUWANENDRA SINGH
7) DR. SURESH KUMAR
8) MRS. RENU SAHARAN
9) DR. BISHWA MOHAN SAHOO
10) DR. MANISH KUMAR

Name of Applicant : NA
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(57) Abstract :

ABSTRACT DEVELOPMENT AND EVALUATION OF VORICONAZOLE LOADED NANOSTRUCTURED LIPID CARRIER BASED IN-SITU GEL OCULAR DRUG DELIVERY
The invention discloses, voriconazole loaded nanostructured lipid carrier NLCs based in-situ gel formulation drug delivery system, which is subsequently evaluated for ex-vivo ocular penetration trials vs pure drug solution. The ideal NLC 1g 3 formulation demonstrated 65.87% drug release in 12 hours, indicating a much-sustained release of the drug through in-situ gel, which was then assessed for release kinetics and determined to be the best-fitting in the first order kinetics with an R2 value of 0.995. The effect of drug-loaded NLC based on in-situ gel on sustained release rises when the gelling agent is increased. The ex-vivo corneal permeability of this improved NLC 1g 3 formulation was compared to pure drug, and it was discovered that the permeation of drug in cornea was raised by 2.4 folds compared to pure medication of voriconazole in 4 hrs. These findings suggested that a voriconazole loaded NLC based in-situ gel might be used as a new drug delivery method with improved drug penetration through the cornea and prolonged drug release, resulting in a lower dosage and higher patient compliance by lowering the dosing frequency.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211048737 A

(19) INDIA

(22) Date of filing of Application :26/08/2022

(43) Publication Date : 09/09/2022

(54) Title of the invention : POLYHERBAL FORMULATION FOR THE MANAGEMENT OF DIABETES AND CYTOPROTECTION.

(51) International classification	:H01S0003067000, B32B0027080000, C09J0007260000, B32B0005140000, B32B0037140000	(71)Name of Applicant : 1)MANJARI MITTAL Address of Applicant :MET, FACULTY OF PHARMACY RAMGANGA VIHAR, PHASE - 2, MORADABAD, UTTAR PRADESH, - 244001 INDIA. ----- Name of Applicant : NA Address of Applicant : NA
(86) International Application No	:NA	(72)Name of Inventor : 1)MANJARI MITTAL Address of Applicant :MET, FACULTY OF PHARMACY RAMGANGA VIHAR, PHASE - 2, MORADABAD, UTTAR PRADESH, - 244001 INDIA. ----- 2)PIYUSH MITTAL Address of Applicant :TEETHANKER MAHAVEER COLLEGE OF PHARMACY, TEERTHANKER MAHAVEER UNIVERSITY NH24, DELHI ROAD MORADABAD UTTAR PRADESH-244001, INDIA -----
(87) International Publication No	: NA	3)ARULSAMY ELPHINE PRABAHAR Address of Applicant :TEETHANKER MAHAVEER COLLEGE OF PHARMACY, TEERTHANKER MAHAVEER UNIVERSITY NH24, DELHI ROAD MORADABAD UTTAR PRADESH-244001, INDIA -----
(61) Patent of Addition to Application Number	:NA	4)VIJAY JUYAL Address of Applicant :HNBU MEDICAL EDUCATION UNIVERSITY NEW CENTRAL HOP TOWN, BHAYAKHALA, SESHAMBARA (SELAQUI) DEHRADUN UTTARAKHAND-248197, INDIA -----
(62) Divisional to Application Number	:NA	5)ANITA SINGH Address of Applicant :DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY BLOCK ROAD BHIMTAL UTTARAKHAND-263136, INDIA - -----
Filing Date	:NA	

(57) Abstract :

It is concluded that polyherbal formulation for the management of diabetes, ethanolic extract of Phyllanthus emblica, Annona squamosa, Berberis aristata and methanolic extract of Curcuma longa formulated as oral suspensions, exhibited a pleasant appearance and acceptable odour and showed easy redispersion of sediment. There were no noticeable changes in sedimentation, viscosity, and other physicochemical parameters when stability studies were performed at different temperatures, indicating that developed herbal formulation in suspension form is stable and acceptable and make importance in phyto-pharmaceuticals. The data of our study illustrated all the specific characteristics, pharmacological activity, standardization, and formulation of herbal preparation, which supported for the treatment of diabetes as well as improved diabetic complication. This study may be used as reference standard in the further quality control research and global acceptance of herbal product for various diseases and ailments The herbal composition of the present invention has anti-diabetic as well as -cytoprotective activity

No. of Pages : 12 No. of Claims : 5

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
REGISTER OF PATENTS

FORM P2

Official application No.		Lodging date: Provisional		Acceptance date	
21	01	2022/08191	22	47	2 September 2022
International classification		Lodging date: National phase		Granted date	
51	A61K	23	22 July 2022	26 October 2022	
71	Full name(s) of applicant(s)/Patentee(s): (1) DR. VARSHA TIWARI; (2) DR. ABHISHEK TIWARI; (3) DR. PRABHAT KUMAR UPADHYAY; (4) DR. JAMMULA SRUTI; (5) DR. BISWA MOHAN SAHOO; (6) DR. MANISH KUMAR; (7) DR. SURESH KUMAR; (8) MRS. RENU SAHARAN; (9) DR. SUNIL SINGH; (10) DR. ROHIT MOHAN; (11) DR. ANITA SINGH; (12) DR. VIPIN SAINI; (13) DR. ANAND PODDAR				
71	Applicant(s) substituted:			Date registered	
71	Assignee(s):			Date registered	
72	Full name(s) of inventor(s): (1) DR. VARSHA TIWARI; (2) DR. ABHISHEK TIWARI; (3) DR. PRABHAT KUMAR UPADHYAY; (4) DR. JAMMULA SRUTI; (5) DR. BISWA MOHAN SAHOO; (6) DR. MANISH KUMAR; (7) DR. SURESH KUMAR; (8) MRS. RENU SAHARAN; (9) DR. SUNIL SINGH; (10) DR. ROHIT MOHAN; (11) DR. ANITA SINGH; (12) DR. VIPIN SAINI; (13) DR. ANAND PODDAR				
Priority claimed:		Country	Number	Date	
		IN	202211016582	24 March 2022	
54	Title of invention DEVELOPMENT AND EVALUATION OF ACECLOFENAC-LOADED SOLID LIPID MICROPARTICLES BASED TOPICAL GEL FORMULATION				
Address of applicant(s)/patentee(s): (1) PHARMACY ACADEMY, IFTM UNIVERSITY, LODHIPUR RAJPUT, MORADABAD, UTTAR PRADESH, 244102, India; (2) PHARMACY ACADEMY, IFTM UNIVERSITY, LODHIPUR RAJPUT, MORADABAD, UTTAR PRADESH, 244102, India; (3) DR. PRABHAT KUMAR UPADHYAY, GLA UNIVERSITY, MATHURA, UTTAR PRADESH, 281406, India; (4) ROLAND INSTITUTE OF PHARMACEUTICAL SCIENCES, BERHAMPUR, ODISHA, 760010, India; (5) ROLAND INSTITUTE OF PHARMACEUTICAL SCIENCES, BERHAMPUR, ODISHA, 760010, India; (6) MM COLLEGE OF PHARMACY, MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), AMBALA, HARYANA, India; (7) BHARAT INSTITUTE OF PHARMACY, PEHLADPUR ABAIN, KURUKSHETRA, HARYANA, India; (8) MM COLLEGE OF PHARMACY, MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), AMBALA, HARYANA, India; (9) SHRI SAI COLLEGE OF PHARMACY, PRAYAGRAJ, UTTAR PRADESH, India; (10) JP COLLEGE OF PHARMACY, MOHANLALGANJ, LUCKNOW, UTTAR PRADESH, India; (11) DEPARTMENT OF PHARMACEUTICAL SCIENCE, DEPARTMENT OF PHARMACEUTICAL SCIENCE, NAINITAL, UTTARAKHAND, India; (12) MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA, AMBALA, HARYANA, India; (13) PODDAR INTERNATIONAL COLLEGE, SECTOR-7, NEAR SJIPRA PATH, MANSAROVAR, JAIPUR, RAJASTHAN, India					
74	Address for service Sibanda and Zantwijk, Oaktree Corner, 9 Kruger Street, Oaklands (PO Box 1615 Houghton 2041), Johannesburg, 2192, SOUTH AFRICA Reference no.: PT_CP_ZA00004609 ([InsID:])				

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211057118 A

(19) INDIA

(22) Date of filing of Application :06/10/2022

(43) Publication Date : 14/10/2022

(54) Title of the invention : MORIN HYDRATE MICROSPHERE FORMULATION

<p>(51) International classification :A61K0009160000, A61K0008110000, A61K0008310000, A61K0038220000, A61K0009000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Quantum University Address of Applicant :Quantum University, Roorkee- 247167, Uttarakhand, India ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Gauree Kukrell Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences and Technology, Sardar Bhagwan Singh University, Balawala, Dehradun-248001, Uttarakhand, India Dehradun ----- 2)Ms.Pragati Karn Address of Applicant :Student, School of Pharmaceutical Sciences and Technology, Sardar Bhagwan Singh University, Balawala, Dehradun-248001, Uttarakhand, India Dehradun ----- 3)Ms. Urmi Chaurasia Address of Applicant :Associate Professor, School of Pharmaceutical Sciences and Technology, Sardar Bhagwan Singh University, Balawala, Dehradun-248001, Uttarakhand, India Dehradun ----- 4)Mr. Ritesh Rana Address of Applicant :Assistant Professor, Himachal Institute of Pharmaceutical Education & Research (HIPER), Bela, Nadaun, Hamirpur-177033, Himachal Pradesh, India Hamirpur ----- 5)Mr. Bhuvan Chand Joshi Address of Applicant :Ph.D Research Scholar, Department of Pharmaceutical Sciences, Faculty of Technology, Sir J.C Bose Technical Campus, Bhimtal, Kumaun University, Nainital- 263136, Uttarakhand, India Nainital ----- 6)Ms. Neetisha Negi Address of Applicant :Assistant Professor, Department of Pharmaceutical Sciences and Technology, Sir J.C Bose Technical Campus, Bhimtal, Kumaun University, Nainital- 263136, Uttarakhand, India Nainital ----- 7)Dr. Swati Rawat Address of Applicant :Assistant Professor, Dept of Computer Application, Quantum University, Roorkee, Uttarakhand-247167, India Roorkee ----- 8)Mr. Naveen Rana Address of Applicant :Assistant Professor, Dept of Mechanical Engineering, Quantum University, Roorkee, Uttarakhand-247167, India Roorkee -----</p>
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(57) Abstract :

The present invention discloses a morin hydrate microsphere formulation for oral delivery. It provides for a controlled drug release of more than 96% over 24 hours. The microsphere has an entrapment efficacy in the range of 40 to 80% with a drug yield of more than 80%. The morin hydrate microsphere as the active ingredient, a synthetic polymer, organic phase solvent system and aqueous emulsifier, formed by the emulsion solvent evaporation method.

No. of Pages : 24 No. of Claims : 8

arun kumar singh



Register information for utility models

File number DE: 20 2022 103 252.1 (status: pending/in force, as of: August 20, 2022)

Hit 21/56

[<] [<] [>] [> |] [Research] [hit list]



BASE DATA

INID	criteria	Field	contents
	property right type	SART	utility model
	status	ST	Pending/In Effect
21	Case number DE	DAKZ	20 2022 103 252.1
54	designation/title	ti	A natural sweetener composition as a sweetener for diabetes
51	IPC main class	ICM (ICMV)	A23L 27/30 (2016.01)
22	Filing date DE	DATE	06/09/2022
47	registration day	ET	07/01/2022
45	Date of publication of the entry in the Patent Gazette	PET	08/11/2022
71/73	Applicant/Owner	INH	Ankita, Wal, Kanpur, IN; Ghodke, Amol Yadavrao, Osmanabad, IN; Mishra, Amrita, Moradabad, IN; Navale, Sampat Dnyaneshwar, Pune, IN; Negi, Divya, Haldwani, IN; Pattanayak, Shakti Prasad, Gaya, IN; Poul, Bhagwat Nivruttirao, Latur, IN; Singh, Anita, Nainital, IN; Singh, Arun Kumar, Haldwani, IN; Solunke, Rahul Shivajirao, Dr., Latur, MH, IN
74	Representative	VTR	Dilg, Haeusler, Schindelman Patentanwaltsgesellschaft mbH, 80636 Munich, DE
10	Published DE documents	DEPN	Original document: DE202022103252U1 Searchable text: DE202022103252U1
	delivery address		Dilg, Haeusler, Schindelman Patentanwaltsgesellschaft mbH, 80636 Munich, DE
	Due date	FT FG	30.06.2025 Aufrechterhaltungsgebühr für das 4.-6. Jahr
43	Erstveröffentlichungstag	PUB	01.07.2022
	Tag der ersten Übernahme in DPMAregister	EREGT	01.07.2022
	Tag der (letzten) Aktualisierung in DPMAregister	REGT	11.08.2022 (alle Aktualisierungstage einblenden)

VERFAHRENSDATEN

Nr.	Verfahrensart	Verfahrensstand	Verfahrensstandtag ▲	Erstveröffentlichungstag	Alle Details anzeigen
1	Vorverfahren	Die Anmeldung befindet sich in der Vorprüfung	09.06.2022		Details anzeigen
2	Gebrauchsmusterverfahren	Eintragung des Gebrauchsmusters	01.07.2022		Details anzeigen



क्रमांक : 011148749
SL No :



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 402397
आवेदन सं. / Application No. : 202011019296
फाइल करने की तारीख / Date of Filing : 06/07/2020
पेटेटी / Patentee : 1.Nanda Gopal Sahoo 2.Gaurav Tatrari 3.Chetna Tewari
4.Sandeep Pandey et al. et al. et al.

प्रमाणित किया जाता है कि पेटेटी को, उपरोक्त आवेदन में यथाप्रकटित A PROCESS OF MANUFACTURING HIGHLY POROUS 3D GRAPHENE NANO-FLAKES (HP3DGNFS) DOPED WITH ALKALI AND TRANSITION METALS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जुलाई 2020 के छठे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled A PROCESS OF MANUFACTURING HIGHLY POROUS 3D GRAPHENE NANO-FLAKES (HP3DGNFS) DOPED WITH ALKALI AND TRANSITION METALS as disclosed in the above mentioned application for the term of 20 years from the 6th day of July 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 28/07/2022
Date of Grant :

Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जुलाई 2022 के छठे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 6th day of July 2022 and on the same day in every year thereafter.



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 400474
आवेदन सं. / Application No. : 202011018342
फाइल करने की तारीख / Date of Filing : 29/09/2020
पेटेंटी / Patentee : 1. Manoj Karakoti 2. Sandeep Pandey 3. Sunil Dhali 4. Chetna Tewari et al. et al. et al.

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित HIGHLY EFFICIENT GRAPHENE-SOAP BASED SPRAY PAINTS FOR THE EFFICIENT KILLING OF CORONA VIRUSES AND PREPARATION PROCESS THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख सितम्बर 2020 के उन्नीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled HIGHLY EFFICIENT GRAPHENE-SOAP BASED SPRAY PAINTS FOR THE EFFICIENT KILLING OF CORONA VIRUSES AND PREPARATION PROCESS THEREOF as disclosed in the above mentioned application for the term of 20 years from the 29th day of September 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 30/06/2022
Date of Grant :


पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, सितम्बर 2022 के उन्नीसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 29th day of September 2022 and on the same day in every year thereafter.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021104582

The Commissioner of Patents has granted the above patent on 30 March 2022, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Nanda Gopal Sahoo of Professor Rajendra Singh Nanoscience and, Nanotechnology Centre, Department of Chemistry Kumaun University Nainital India

Chetna Tewari of Research scholar Rajendra Singh, Nanoscience and Nanotechnology Centre, Department of Chemistry Kumaun University Nainital India

Sandeep Pandey of Research scholar, Rajendra Singh, Nanoscience and Nanotechnology Centre, Department of Chemistry Kumaun University Nainital India

Gaurav Tatrari of Research scholar, Rajendra Singh, Nanoscience and Nanotechnology Centre, Department of Chemistry Kumaun University Nainital India

Anita Rana of Research scholar, Rajendra Singh, Nanoscience and Nanotechnology Centre, Department of Chemistry Kumaun University Nainital India

Himani Tiwari of Research scholar, Rajendra Singh Nanoscience and, Nanotechnology Centre Department of Chemistry Kumaun University, Nainital India

Anirban Dandapat of Inspire faculty, department of chemistry DSB campus Kumaun University Nainital India

Title of invention:

Graphene based nanomaterials derived from Drepanostachyum falcatum for water purification

Name of inventor(s):

Sahoo, Nanda Gopal; Tewari, Chetna; Pandey, Sandeep; Tatrari, Gaurav; Rana, Anita; Tiwari, Himani and Dandapat, Anirban

Term of Patent:

Eight years from 26 July 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.

Priority details:

<i>Number</i>	<i>Date</i>	<i>Filed with</i>
202111031289	12 July 2021	IN



Dated this 30th day of March 2022

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.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211003444 A

(19) INDIA

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(54) Title of the invention : MULTI-CRITERIA DECISION MAKING BASED ON INTUITIONISTIC FUZZY SETS

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<p>(57) Abstract :</p> <p>Over the past few decades, several researchers and professionals have focused on the development and application of multi-criteria group decision making (MCGDM) methods under a fuzzy environment in different areas and disciplines. Intuitionistic fuzzy multiple criteria decision making (MCDM) method which is based on an exponential-related function, adopted in the Technique for order preference by similarity to ideal solution (TOPSIS) has been proposed in this study. The exponential-related function which is used for comparing intuitionistic-fuzzy-sets (IFS), and as a replacement for the traditional exponential score function which is only effective for determining priority weights that involve pairwise-comparison, has been applied, for computing the separation measure from the fuzzy positive and negative ideal solution to determine the relative closeness-coefficients of alternatives</p>	<p>Uttarakhand, India -----</p> <p>6)Dr. Govind Pathak Address of Applicant :Associate Professor, Mathematics, M.B. Govt. P.G. College Haldwani, 263139, Uttarakhand, India -----</p> <p>7)Vimal Singh Bisht Address of Applicant :Assistant Professor, Electronics and Communication Engineering, Graphic Era hill University, Bhimtal Campus Nainital, Uttarakhand, India -----</p>
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