

**Dr. K. N. Modi Institute of Pharmaceutical Education and
Research, Modinagar**

Infrastructure

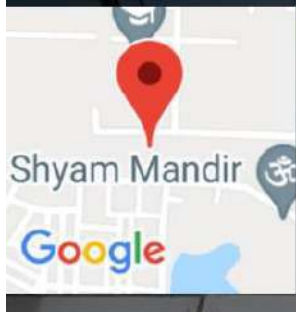
Instruments/Equipments Available



UV-Visible spectrophotometer



GPS Map Camera



Modinagar, Uttar Pradesh, India
Dr.K.N.MODI INSTITUTE OF PHARMACEUTICAL RESEARCH &
EDUCATION. CLOTH MILL , OPP.SBI BRANCH , MODINAGAR PIN
CODE-201204
Lat 28.846341°
Long 77.579832°
28/08/21 01:42 PM

Fourier Transform IR Spectrophotometer



Dissolution Apparatus



Laminar Air Flow Chamber



Cooling Centrifuge

Details of the guest lecturers organized

2016-17

S.No.	Date	Name & Address of the Speaker	Topic
1	21/01/2017	Dr. R K Maheshwari, Professor & Ex Head, Deptt. Of Pharmacy, S.G.S.I.T.S, Indore	Solubilization
2	30/01/2017	Dr. Manish Sharma, Head, Pioneer centre of Bioscience, Mahan Nagar, Ghaziabad	Future prospect of Biotechnology
3.	24/04/2017	Mr. Vijay Khanna, M.D., Times Drugs and Pharmaceuticals, Ghaziabad	Essential Skills for Professional Success

2017-18

S.No.	Date	Name & Address of the Speaker	Topic
1	17/11/2017	Mr. Vijay Kumar Khanna, CEO, Times Drugs Pharmaceutical Limited, Ghaziabad.	Expectation of industry from students
2	24/03/2018	Mr. Brijvir Singh, (DGM-Plant), Baxil Pharma Pvt. Ltd.	Scope, Opportunities & Challenges In Pharmaceutical Career and Basic Guidelines Of Gmp For Pharmaceutical Industries

2018 -19

Date	Name & Address of the Speaker	Topic
24/10/2018	Mr. Brijvir Singh, DGM (Plant), Baxil Pharma Pvt. Ltd	Scope, Opportunities & Challenges in Pharmaceutical Career and Basic Guidelines of GMP for Pharmaceutical Industries

2019-20

S.No.	Date	Name & Address of the Speaker	Topics of Seminar/Workshop
1	4/11/2019	Mr. Subhendu Sinha Choudhary	Pharma Industry – How it Works
2	5/12/2019	Dr. R K Maheshwari, Professor & Ex Head, Deptt. Of Pharmacy, S.G.S.I.T.S, Indore	Solubilization
3.	21/12/2019	Dr. Manish Sharma, Head, Pioneer centre of Bioscience, Mahan Nagar, Ghaziabad	Future prospect of Biotechnology
4.	10/01/2020	Mr. Vijay Khanna, M.D., Times Drugs and Pharmaceuticals, Ghaziabad	Essential Skills for Professional Success

DETAILS OF THE INDUSTRIAL VISITS

2016-17

Sr. No.	Name of company	Class	Date of visit
1.	Patanjali Food and Herbal Park, Haridwar, Uttarakhand.	B.Pharm. III Year	07/03/2017
2.	Shreya Life Sciences, Roorkee.	B.Pharm. II, III, IV Year	10/04/2017
3.	Patanjali Food and Herbal Park, Haridwar, Uttarakhand.	B.Pharm. IV Year	13/04/2017
4.	Mother Dairy Fruit & Vegetable Pvt. Ltd., Patparganj, Delhi -110092.	B.Sc. (Biotechnology)	29/04/2017

2017-18

Sr. No.	Name of company	Class	Date of visit
1.	Yakult Danone, Sonapat, Haryana.	B.Pharm. II,III,IV Year	29/08/2017
2.	TEVA API formulations, Noida.	B.Pharm. IV Year	20/09/2017

2018-19

Sr. No.	Name of company	Class	Date of visit
1.	Yakult Danone, Sonapat, Haryana.	B. Pharm. I and II Year	25/10/2018
2.	Albert David Pvt. Ltd., Ghaziabad	B.Pharm. IV Year	21/09/2018

Patents

Name of Teacher	Patent Application number	Topic
Mr. Pranjal Kumar Singh	202011006654	A Novel Composition and Process for Fabrication of Solid Lipid Nanoparticles
Dr. Rashmi Kumari	201811045882 A	Bilayer Compressed Extended Release Pellets

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201811045882 A

(19) INDIA

(22) Date of filing of Application :05/12/2018

(43) Publication Date : 28/12/2018

(54) Title of the invention : BILAYER COMPRESSED EXTENDED RELEASE PELLETS

(51) International classification :A61K9/209
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(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 :

1)Dr. Rashmi kumari

Address of Applicant :Dr. KNMPER Modinagar UP Uttar Pradesh India

2)Dr. Vijay Kumar Sharma

(72)Name of Inventor :

1)Dr. Rashmi Kumari

2)Dr. Bhuwanendra Singh

3)Dr. SK Mishra

4)Dr. Anju Pal

5)Dr. Rahul Shukla

6)Dr. Vachaspati Dubey

(57) Abstract :

The present investigation relates to novel bilayer tablet having extended release system of tolbutamide with eudragit and immediate release system of acarbose with PVP and PEG in different ratios using solvent evaporation and cogrinding techniques. Solid dispersions(SD) was characterized by fourier-transformed infrared spectroscopy, differential scanning calorimetry, powder x-ray diffractometry, scanning electron microscopy as well as by content uniformity, in-vitro dissolution studies and release kinetics. Selected SD system was subjected to bilayer tablet preparation by direct compression. Compressed tablets were evaluated for drug content, weight variation, friability, hardness, thickness, and in-vitro dissolution studies. All tablets formulations showed compliance with pharmacopoeial standards and were of acceptable quality with regard to hardness, friability and tensile strength. Stability studies conducted for optimized formulation did not show any change in physical properties, drug content, and in-vitro drug release. The present study concluded bilayer tablets of anti diabetic drugs as alternative to the conventional dosage form.

No. of Pages : 13 No. of Claims : 10



National Biodiversity Authority

राष्ट्रीय जैव विविधता प्राधिकरण

(Statutory body of Ministry of Environment, Forest and Climate Change, Government of India)



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Secretary

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तरमणि, चेन्नई - 600113 तमिल नाडु, भारत.

NBA/IPR App/4241/20-21 / 289

.02.2021
394

To

Mr Nalini Kant Pandey

House No. 10-C/5, Sector-10

Vasundhara, Ghaziabad, Uttar Pradesh – 201012

Sir/Madam,

Sub: Approval for applying for IPR as per Section 6 of the Biological Diversity Act, 2002 read with Rules 18 of the Biological Diversity Rules, 2004 – reg.

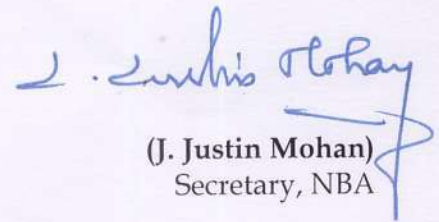
Ref: Application in Form-III No- File No.4241

With regard to your application cited in reference on the subject cited above to facilitate for IPR on the invention (202011006654) titled “**A novel composition and process for fabrication of solid lipid nanoparticles**” using the biological resources mentioned in Schedule-B Annex-A of the stamp paper agreement has been approved by the National Biodiversity Authority subject to the conditions laid down in the agreement.

In this regard, I am enclosing herewith one mutually signed stamp paper agreement executed between National Biodiversity Authority and the applicant for the applicant's reference and compliance. It is also to inform you that breach of the terms of agreement and provisions of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 made thereunder will invite imposition of penalties as per Section 55, 56 & 57 of the Biological Diversity Act, 2002.

Please acknowledge receipt of this communication.

Yours faithfully,


(J. Justin Mohan)
Secretary, NBA

Encl.: as above

Copy to:

1. Member Secretary,
Uttar Pradesh State Biodiversity Board
East Wing, III Floor, 'A'-Block,
PICUP BHAWAN, Vibhuti Khand,
Gomti Nagar, Lucknow – 226010
2. Mr Alok Pratap Singh
I.T.S College of Pharmacy, Murad Nagar Ghaziabad-201206, UP
3. Mr Dinesh Puri
I.T.S College of Pharmacy, Murad Nagar Ghaziabad-201206, UP
4. Ms Iti Chauhan
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5. Mr Praveen Kumar Gaur
I.T.S College of Pharmacy, Murad Nagar Ghaziabad-201206, UP
6. Mr Jayendra Jayendra
Charak College of Pharmacy, Hapur-Merrut Highway, Meerut-245101, UP
7. Mr Pranjal Kumar Singh,
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Modinagar, Ghaziabad- 201204, UP