Criterion III: Research, Innovations and Extension

Key Indicator 3.2- Innovation Ecosystem

3.2.1: Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)

The Institution provides an active environment for promotion of Innovation and Incubation. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. The main objective of Research and development committee is to promote research culture among students and staff. The institution has encouraged staff to attend and present their paper in national and international seminars, workshops and conference. The Research Committee also encourage students to participates in the Avishkar Research Competition.

Patent Information:

o Patent Filed: 02

Sr.	Title of the Patent	Name of the	Date of	Application
No.		Inventor	Filing	number
1	SUBSTITUTED BENZOFURAN COMPOUNDS AS ANTIBACTERIAL AGENT	Dr. Akolkar H. N.	17/04/2023	202321028067
2	SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT	Dr. Akolkar H. N.	29/10/2022	202221061719

o Patent Published: 01

Sr. No.	Title of the Patent	Name of the Inventor	Date of Publication	Application number
1	SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT	Dr. Akolkar H. N.	11/11/2022	202221061719

* Avishkar Research Convention Participation:

o Intercollegiate Level: 12 Students were participated

Sr. No.	Name of the Student	Subject	Level
1.	Ms. Bakalkar P. D.	Commerce	PG
2.	Ms. Masurkar K. M.	Commerce	UG
3.	Ms. Pitalekar M. R.	H.L.F.A.	UG
4.	Ms. Dhavale D. P.	H.L.F.A.	UG
5.	Mr. Kudalkar M. U.	H.L.F.A.	UG
6.	Ms. Bawale P. R.	Science	UG
7.	Ms. Pujari N. R.	Science	UG
8.	Ms. Naik A. S.	Science	UG
9.	Mr. Yedage L. B.	Science	UG
10.	Ms. Patel M. N.	Science	UG
11.	Mr. Amberkar S. V.	Science	UG
12.	Mr. Bakalkar S. S.	H.L.F.A.	UG

o University Level: 02 students were selected

Sr. No.	Name of the Student	Subject	Level
1.	Ms. Bawale P. R.	Science	UG
2.	Ms. Pujari N. R.	Science	UG

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(51) International

(86) International

(87) International

Publication No

Filing Date

Application Number

Filing Date

Application Number

Filing Date

(62) Divisional to

(61) Patent of Addition to :NA

Application No

classification

(22) Date of filing of Application :29/10/2022

(21) Application No.202221061719 A

(43) Publication Date: 11/11/2022

(54) Title of the invention: SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT

:A61P0031100000, C12N0007000000,

A61P0035020000, C07D0403120000,

A61P0007000000

:NA

: NA

:NA

:NA

:NA

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3)Dr. Mubarak Hanif Shaikh

4)Dr. Vijay Khedkar

5)Ms. Nirmala Ramdas Darekar

6)Dr. Dipak N. Raut

7)Dr. Sharad Narayan Shelke

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(57) Abstract:

ABSTRACT SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT The Invention is relates to substituted 1, 2, 3 Triazole compounds of Formula (I) and pharmaceutical acceptable salts, wherein substitutes as described herein, and their use in medicine as an antioxidant agents. The invention is also related to pharmaceutical composition thereof.

No. of Pages: 25 No. of Claims: 7

(21) Application No.202321028067 A

(19) INDIA

(51) International classification

Filing Date

Application Number

Filing Date

Filing Date

Number

(61) Patent of Addition to

(62) Divisional to Application

(86) International Application No: NA

(87) International Publication No: NA

(22) Date of filing of Application :17/04/2023 (43) Publication Date : 02/06/2023

:A61K 31/343, A61K 31/381, A61P 31/10,

C07D 307/86, C07D 407/06

:NA

:NA

:NA

 $\cdot NA$

(54) Title of the invention: SUBSTITUTED BENZOFURAN COMPOUNDS AS ANTIBACTERIAL AGENT

(71)Name of Applicant:

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4)Dr. Mubarak Hanif Shaikh

5)Dr. Vijay Khedkar

6)Dr. Keshav K. Deshmukh

7)Mr. Ganesh Bhangare

8)Mr. Sandesh D. Kasar

Name of Applicant : NA

Address of Applicant : NA

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(57) Abstract:

ABSTRACT SUBSTITUTED BENZOFURAN COMPOUNDS AS ANTIBACTERIAL AGENT The invention is relates to substituted benzofuran compounds of Formula (I) and pharmaceutical acceptable salts, wherein substitutes as described herein, and their use in medicine as an antibacterial agents. The invention is also related to pharmaceutical composition thereof.

No. of Pages: 29 No. of Claims: 8





Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Ms. Bakalkar Purva Deepak of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled Accounting for investments and investment avenues selected by investors in the Ratnagiri district of Maharashtra in Commerce, Management and Law Category and PG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

Dr. Minakshi Gurav OSD,

Aavishkar, University of Mumbai

December 19, 2022 Lanja, Dist.-Ratnagiri









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Academic Year 2022-23

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Aavishkar, University of Mumbai

December 19, 2022 Lanja, Dist.-Ratnagiri









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(Zonal Round)

Academic Year 2022-23

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December 19, 2022 Lanja, Dist.-Ratnagiri









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This is to Certify that Ms. Dhavale Dhanashri Pradeep of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled A study of social aspects of Galsworthy's play Strife in Humanities, Languages and Fine Arts Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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This is to Certify that Mr. Kudalkar Mahendra Umaji of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled संत तुकारामांच्या अभंगातील जीवनमूल्ये in Humanities, Languages and Fine Arts Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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December 19, 2022 Lanja, Dist.-Ratnagiri









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Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Mr. Kudalkar Mahendra Umaji of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled संत तुकारामांच्या अभंगातील जीवनमूल्ये in Humanities, Languages and Fine Arts Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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December 19, 2022 Lanja, Dist.-Ratnagiri









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This is to Certify that Ms. Bawale Pratiksha Rajendra of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled Efficacy of Panchparni Extract on Mangifera indica L. Var. Alhonso in Agriculture and Animal Husbandry Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Ms. Pujari Nandini Rajan of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled Efficacy of Panchparni Extract on Mangifera indica L. Var. Alhonso in Agriculture and Animal Husbandry Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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Academic Year 2022-23

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This is to Certify that Ms. Naik Afifa Siraj of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled To Construct a Hand Powered Portable Mobile Charger in Pure Sciences Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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(Zonal Round)

Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Mr. Yedage Lahu Balu of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled To Construct a Hand Powered Portable Mobile Charger in Pure Sciences Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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(Zonal Round)

Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Ms. Patel Manasi Nilesh of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled An introductory study of ant diversity in and around college campus. in Agriculture and Animal Husbandry Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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December 19, 2022 Lanja, Dist.-Ratnagiri









Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Mr. Amberkar Suraj Vijay of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled An introductory study of ant diversity in and around college campus. in Agriculture and Animal Husbandry Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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December 19, 2022 Lanja, Dist.-Ratnagiri









Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Pertificate of Zarticipation

This is to Certify that Mr. Bakalkar Saurabh Shashikant of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has participated and presented a Research Project titled ब्रिटीश काळातील व्यावसायिक प्रशिक्षणाचे केंद्र- राजापूर हायस्कूल in Humanities, Languages and Fine Arts Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for Ratnagiri zone.

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