

# **3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

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)

# 1. Research Publications & Projects: Nitesh K Yadav and Prathamesh Mishra Physics student of batch 2017-18

Proceedings of the DAE Symp. on Nucl. Phys. 62 (2017)

128

### Nuclear Radius Correction to Bethe-Weizsacker Mass Formula

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Introduction

Bethe-Weizsacker semi-empirical mass formula (WF) [1][2] was put forward to explain Binding energy ( $E_0$ ) data of stable and nearstable nuclei. For a nucleus with A nucleons, Modification to Bethe-Weizsacker Mass formula

Replacing A with R, via Eq.(2), in Eq. (1) and employing different experimentally consistent improved nuclear radius formulae

Department of Zoology TYBSc BZ 2017-18 students have published a research paper in UGC approved journal

Multidisciplinary UGC Approved Journal No. 63072 ISSN 2231 - 6124



#### Market Survey of Preserved Fish

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- 2. Avishkar: http://www.rizvicollege.edu.in/avishkar.html
- 3. Digital Library: <u>http://www.librarydrdl.com/</u>
- 4. Research Cell: Our research journal http://internationaljournalofresearch.co.in/
- 5. Bio Art: Departments of Botany & Zoology



6. Our Talent Rocks Internationally: Our TYBCom Student Mr. Mohsin Imran Khan was invited at 'Ted Talk' at Zurich Berg, Switzerland he had represented Dharavi Slum Mumbai. Link of show

https://www.ted.com/talks/mohsin\_khan\_dharavi\_slum\_not\_what\_you\_expected

REALTS, SCIENCE & COMMERCE REVICUANTES OFF (ARTER ROAD, BANDRA (WEST), MUMIRAL 400 DS0 and promonel personapsicollege con + Websile + www.stavitellege.com / citatise + Phane 2648 0348 + fax 2649 7448

-I Education Society's

24th March, 2018

## TO WHOM SOEVER IT MAY CONCERN

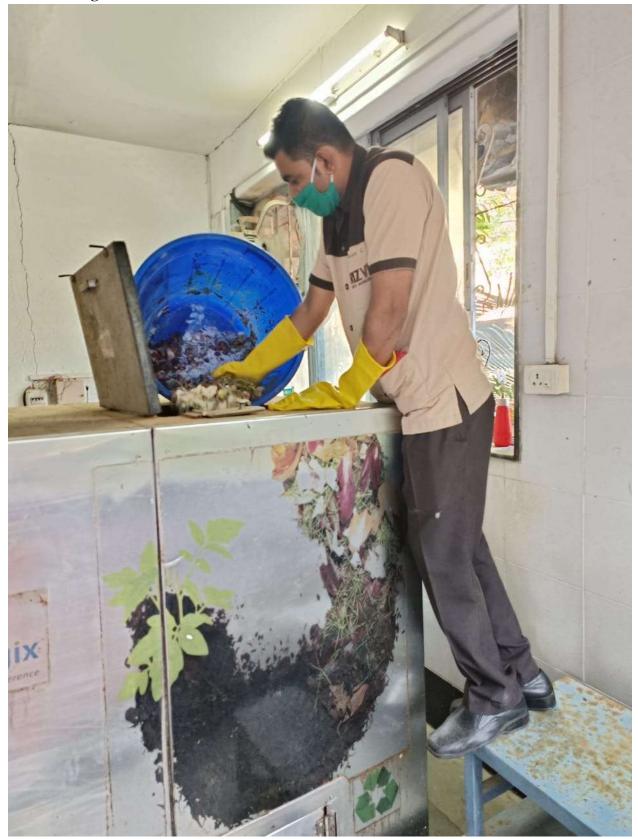
This is to certify that Mr. Mohsin Israr Khan is a bonafide student of our college who is currently pursuing his Final year of Bachelor of Commerce. He has joined his standard XI in the academic year 2013-2014 continuing till now. Mr.Mohsin Israr Khan has been punctual, hard working and dedicative. He represented our college on various Research Conferences even at the State level and at the University level.

We are informed that he has been invited to present at 'Ted Talk' at Zurich Berg, Switzerland representing Dharavi Slums, Mumbai. We wish him the best in this endeavour and hope it would help him to achieve his dreams of making a difference to society.

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#### 7. Waste management:



8. Centre for PhD: College is PhD centre of Botany, Chemistry, Commerce and Zoology. Further details can be access <u>http://www.rizvicollege.edu.in/research-centers.html</u>

## 9. Career counseling cell:





- 10. ICT enabled teaching: elaborated infrastructure
- 11. ICT tools: elaborated infrastructure
- 12. Skill Development:

Infrastructure - Labs: <u>http://www.rizvicollege.edu.in/infrastructure.html</u> Field Visits & Excursion <u>http://www.rizvicollege.edu.in/excursion-and-field-trips.html</u>