



R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's **RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce**)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Tel No: +91 22 25151763 Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

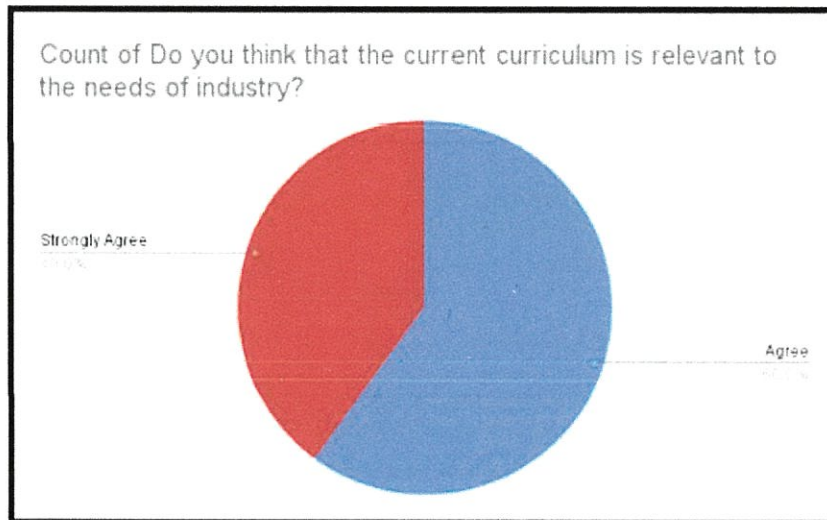
**Ramniranjan Jhunjhunwala College of Arts, Science and Commerce,
Ghatkopar (W), Mumbai 400 086**

Department of Mathematics

**Analysis of feedback received from stakeholders (Alumni, Peer teachers,
Industry people) for AY 2022-2023**

Total feedback received: 20

Out of 20, 06 were alumni and 14 peers (teachers from other institutes)



Out of 20, 100% agreed that the current curriculum is relevant to the needs of the industry.



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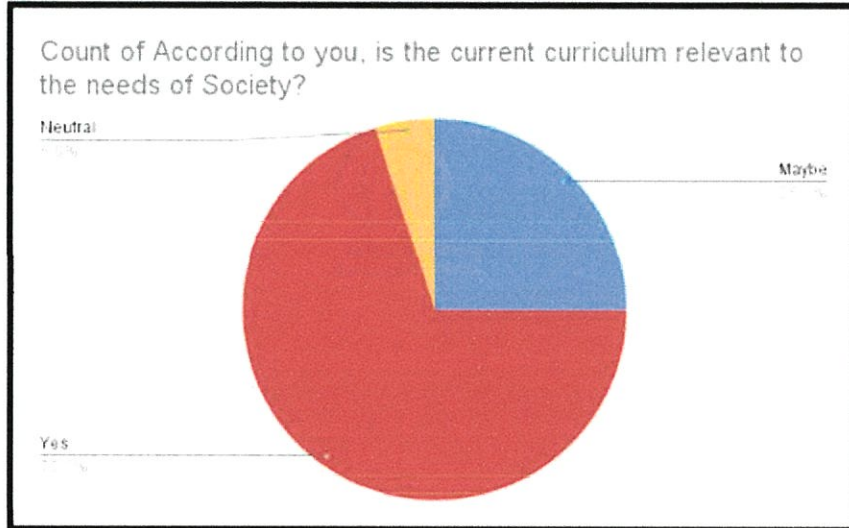
2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009

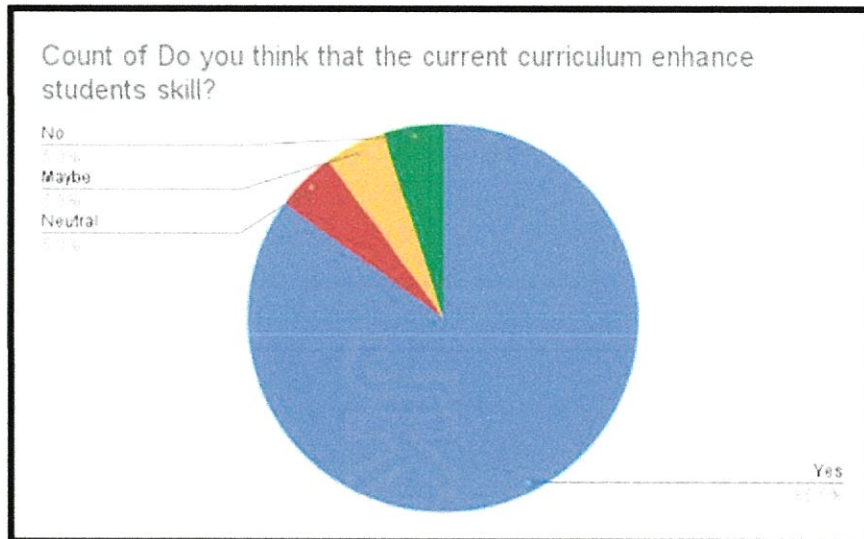
2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College

2013 & 2014: 'Jagar Jaanivancha Award' by Govt, of Maharashtra 2016: ISO 14001:2015 2016: ISO 9001:2015 2017: ISO 27001:2013

2018: Autonomous Status by University Grants Commission (No. F. 22-1/2018(AC) - 28.05.2018) & by University of Mumbai (No.Aff./ICD/18-19/440 - 08.06.2018)



Out of 20, 70% agreed that the current curriculum is relevant to the needs of society.



Out of 20, 85% agreed that the current curriculum enhances students' skills.

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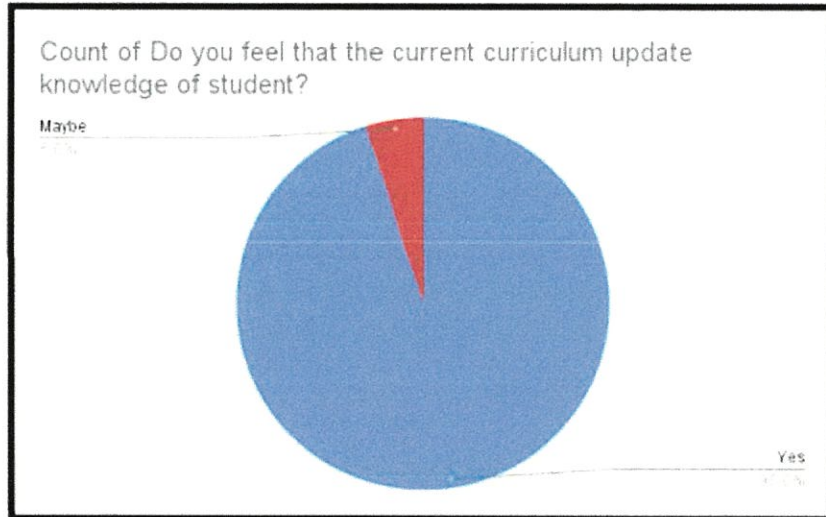
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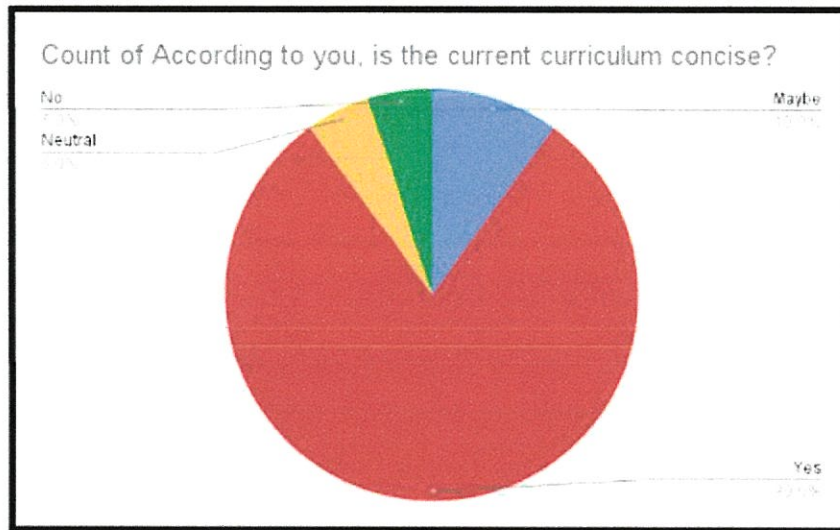
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Out of 20, 95% agreed that the current curriculum updates the knowledge of students.



Out of 20, 80% agreed that the current curriculum is concise.




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Suggestions by stakeholders about add-on courses or skill enhancement courses for students of Mathematics:

1. Certificate courses such as PYTHON, SAGEMATH, R Programing Certificate course in Data Science, Finance, LaTeX, Scilab
2. I would first suggest a course in Foundations of Mathematics to understand and appreciate proofs and techniques in Mathematics. I would then suggest having a course in LaTeX as a skill enhancement course, and some statistical methods which would be useful in industry and society.
3. If possible introduce some mathematics-related software courses such as SAGE MATH, SCILAB, and PYTHON so that students can test their knowledge with these softwares.
4. A course on Mathematica / Vedic Mathematics / Essential mathematics for competitive exams.

Other suggestions:

1. Financial Mathematics and Actuarial courses can be started.
2. More problems related to practical applications to be included.
3. First years are still fresh to creative thinking and logical reasoning. In my opinion, Algebra II, Paper II, should be in a higher year, and the numerical methods of Second years can be brought down. Also a foundation paper in the first years is a must as most students fail to understand negations, contrapositives, etc (which are required in proofs) in addition to having a weak knowledge on sets, relations and functions.
4. I personally feel Foundations of Mathematics must be in the first semester as it is a relatively lighter course at a time students are choosing between medicine/engineering/other professional courses. This allows students to understand the meaning of converse, contrapositive, negative, the meaning of relations, functions, their inverse, properties, etc. Numerical methods being easier can be pushed up the order. Calculus needs more maturity and, in my opinion, should be moved lower down.
5. Introduce if possible some Employability/entrepreneurship courses such as Financial Mathematics, Industrial Mathematics, Portfolio Optimization, Bio-mathematics, Mathematical Modeling, Bio-Statistics etc.





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