



Samir A. Parate¹, Prajwal S. Kamdi², Aditya K. Dakhane³, Yugant M. Hate⁴, Pooja S. Tayade⁵, Anuja S. Jiddewar⁶, Shubham Unhale⁷, Dr. Anil Kushwaha⁸

¹Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, samirparate031@gmail.com

²Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, prajwalkamdi18@gmail.com

³Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, adityadakhane011@gmail.com

⁴Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, yuganthate@gmail.com

⁵Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, poojatayade8669@gmail.com

⁶Student, Computer Science & Engineering, Nit College of Engg , Maharashtra, India, anujajiddewar2002@gmail.com

⁷Assistant Professor, Computer Science & Engineering, Nit College of Engg, Maharashtra, India,

shubhamunhale21@gmail.com

⁸External Supervision IRC, Maharashtra, India, anilkushinfo@gmail.com

Abstract

In 21st century, the centralized research and development (R&D) parliament system, a novel approach to innovation, emerges as a powerful mechanism to revolutionize the landscape of research, development, and groundbreaking discoveries across diverse sectors. The system serves as a nexus for the convergence of knowledge, ambition, and practicality. Here, a diverse array of experts comes together to deliberate, strategize, and make informed decisions about the course of R&D endeavors. Within this parliament, priorities are not only set but refined continuously, ensuring a responsive approach to the ever-evolving world of innovation. The promise of this approach lies in its ability to streamline and optimize the innovation process, leading to faster and more impactful outcomes. By eliminating silos and facilitating the exchange of ideas and knowledge, the centralized R&D parliament system is the catalyst for productive collaboration. This model excels in addressing multifaceted, interdisciplinary challenges that require a collective effort to overcome. Whether it's in the domains of healthcare, energy, or artificial intelligence, the centralized R&D parliament system harnesses the collective ingenuity of experts, ensuring a holistic approach to problem-solving. It illustrates how this innovative paradigm has the capacity to reshape our approach to research, development, and innovation, paving the way for unprecedented breakthroughs and advancements in a world increasingly defined by technological progress, etc.

1. INTRODUCTION

Centralize Research & development parliament system for new innovations refers to the organization and co-ordination of research activities it is for students, research fellows, industries, universities and the international research institutions to collaborate under one roof. It's aims to streamline the research process, promote collaboration, and provide resources and guidance to students engaged in research. Innovation as technology knowledge transfer, its refers the process of bringing research findings, new technologies, or innovative ideas from the academic or research environment into practical applications in the real world. A centralized student Research approach can faster collaboration among students from different disciplines and backgrounds. It allows for better resource allocation, which can support students in conducting high-quality research.

Centralized student Research Centre can actively engage with industries, businesses, and the community to identify real-world problems and challenges that could benefit from innovative solutions. A Centralized Research structure can facilitate networking opportunities for students, connecting them with professionals, investors, and potential collaborators. This exposure can increase the visibility of their research and innovations. Centralize Research & development parliament system approach can faster the collaboration among the student from different disciplines. It allows for better resource allocation, which can support research fellows in conducting high quality research. The prime objectives of the project are existing models, identifying barriers and facilitators, promoting Entrepreneurship, provide internship's and placements though helping for raising the funds. The department focuses on studying various areas and identifying

opportunities for new innovations within parliamentary system. By Centralizing R&D efforts, the parliament foster a culture of innovation, enhance decision-making processes, and ensure the effective implementation of new ideas. The parliament board passes a bill on the basis of Intern public interest for the "New World Order ".

1.1 Purpose

It can centralize efforts, resources, and expertise, ensuring that research and development projects are aligned with broader national goals and priorities. Centralization can reduce duplication of research efforts, streamline funding allocation, and improve resource management, thereby making the innovation process more efficient. By bringing together experts from various fields, it can facilitate interdisciplinary collaboration and knowledge sharing, which can lead to breakthrough innovations. A centralized system can attract private and public investments by providing a structured and predictable environment for innovation, which can, in turn, stimulate economic growth. It can establish guidelines for intellectual property management, patent protection, and licensing, ensuring fair and widespread access to innovations. Centralize system can facilitate collaboration with international partners, sharing knowledge and resources to tackle global challenge.

2. LITERATURE SURVEY

Sr No.	Author	Publication(Year)	Detail
1	Josh Bloom, UC Berkeley	2015-2016	To assist with early stage development and obtain entrepreneurship training.
2	Emerald (On behalf of National University)	2017	Innovations in teaching and organizations practical's.
3	Allen And Seaman	2015	Tracking Online Education.
4	H. Chesbrough and J. West	2006	New education system with collaboration.
5	California University Students	1987	Control system magazine.

3.PROBLEM FORMULATION

3.1 Existing System

1. Government Research Agencies: Many countries have government agencies responsible for coordinating and funding research and development activities. These agencies may operate under the purview of ministries responsible for science, technology, or innovation.

2. Parliamentary Committees: Parliamentary committees on science, technology, and innovation may be established to oversee R&D initiatives. These committees can play a crucial role in scrutinizing proposed projects, allocating budgets, and ensuring transparency.

3. National Innovation Strategies: Some countries develop comprehensive national innovation strategies to guide R&D efforts. These strategies often involve collaboration between government, academia, and the private sector.

4. Funding Mechanisms: Governments typically allocate budgets for R&D projects. Funding may be distributed through grants, subsidies, or partnerships with private industries.

5. Technology Parks and Incubators: Establishing technology parks and innovation incubators is a common approach to foster collaboration between researchers and businesses. These facilities provide infrastructure, resources, and support for new start-ups and research projects.

6. International Collaboration: Countries often collaborate on research projects with international partners. This collaboration can take the form of joint initiatives.

3.2 PROPOSED SYSTEM

1. Objectives:

- **Innovation Promotion:** Foster a culture of innovation across industries. Knowledge Sharing: Facilitate the exchange of ideas and research findings.
- **Policy Formulation:** Contribute to the formulation of policies promoting research and development.
- **Cross-Sector Collaboration:** Encourage collaboration among different sectors and industries.

2. Structure:

- **Parliamentary Committee for R&D:** Establish a dedicated committee within the parliament responsible for overseeing R&D initiatives.

- **Subcommittees:** Form specialized subcommittees focusing on specific industries or technological domains.
- **Advisory Board:** Appoint experts from academia, industry, and research institutions to provide guidance.

3. Functions:

- **Idea Submission Platform:** Create an online platform for individuals and organizations to submit innovative ideas.
- **Idea Evaluation:** Implement a robust evaluation process involving experts to assess the feasibility and potential impact of submitted ideas.
- **Funding Allocation:** Allocate funds for promising projects based on their potential benefits and alignment with national priorities.
- **Regular Review:** Conduct periodic reviews to track the progress of ongoing projects and make necessary adjustments.

4 Incentives:

- **Grants and Funding:** Provide financial support to selected projects to encourage innovation.
- **Recognition:** Recognize and reward individuals and organizations whose ideas have had a significant impact.
- **Tax Incentives:** Introduce tax incentives for businesses investing in R&D activities.

5. Collaboration:

- **Public-Private Partnerships:** Encourage collaboration between government agencies, private enterprises, and research institutions.
- **International Collaboration:** Foster partnerships with international research organizations to leverage global expertise and resources.

6. Transparency and Accountability:

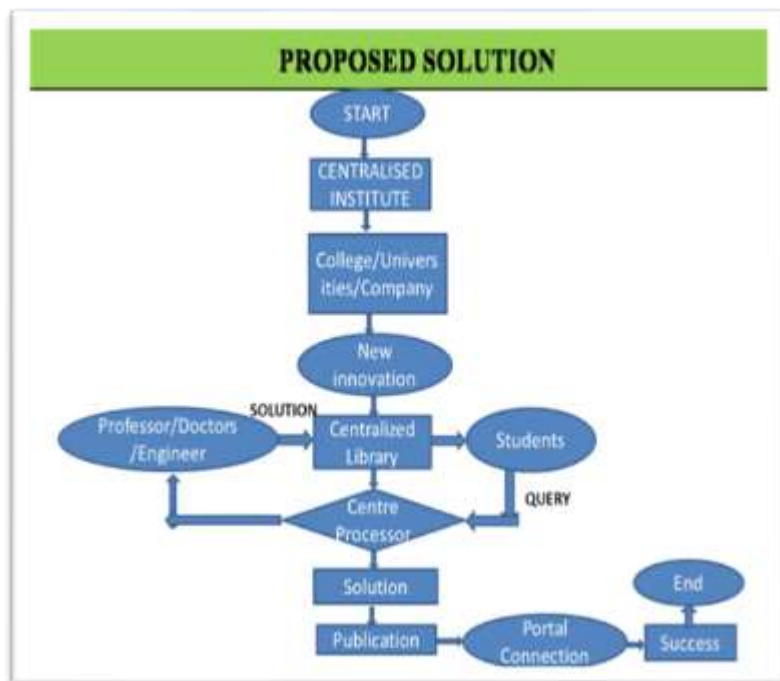
- **Public Reports:** Publish regular reports on the progress of projects, fund allocation, and outcomes.
- **Audits:** Conduct periodic audits to ensure funds are utilized efficiently and effectively.

4. RESEARCH METHODOLOGY & PROPOSED SOLUTION

- Centralized student Research refers to the organization and coordination of research activities within an educational institution or a specific department. Its aims to streamline the research process, promote collaboration, and provide resources and guidance to students engaged in research.
- Innovation as technology knowledge transfer, its refers the process of bringing research findings, new technologies, or innovative ideas from the academic or research environment into practical applications in the real world.
- A centralized student Research approach can foster collaboration among students from different disciplines and backgrounds. It allows for better resource allocation, which can support students in conducting high-quality research.
- Centralized student Research Centre can actively engage with industries, businesses, and the community to identify real-world problems and challenges that could benefit from innovative solutions.
- A Centralized Research structure can facilitate networking opportunities for students, connecting them with professionals, investors, and potential collaborators. This exposure can increase the visibility of their research and innovations.
- It is to investigate and establish effective strategies and frameworks that enhance the integration and collaboration between centralized student research efforts and innovation methodologies. The goal is to foster a culture of innovation, entrepreneurship, and practical applications of student research within educational institutions. Identify the barriers and facilitators that influence the connectivity between centralized student research and innovation. Understand factors that promote collaboration, interdisciplinary interactions, and the translation of research findings into innovative solutions.
- Promoting Entrepreneurship strategies for promoting entrepreneurship among students engaged in research. Analyze how centralized research efforts can support students in commercializing their innovations and launching startup ventures.

REFERENCES:-

1. In California University, "Control System Magazine", IEEE 1987.
2. Michael Thieme and Kyrill Meyer, "A Case Study Based Strategy to Connect Research Institutions and Enterprises", IEEE 2011.
3. H.Chesbrough & W. Vanhaverbeke and J. West, "Open Innovation Research New Paradigm", in oxford university press 2006.
4. C. Edquist, " System Of Innovation Technology Institutions and Organisations", in London, pinter 1997.
5. Allen I.E & Seaman (2015) "Tracking Online Education In U.S".
6. Josh Bloom, UC Berkeley, "To Assist with Early stage development and Obtain Entrepreneurship Training", IEEE 2016.
7. Emerald (On Behalf Of National University), " Innovation in Teaching and Organization Practical's", IEEE 2017.

**5. CONCLUSION**

Centralized systems can effectively coordinate research efforts, allocate resources more efficiently, and reduce duplication of work, leading to streamlined innovation processes. They allow governments to set strategic priorities and allocate resources to critical areas, which can be particularly valuable for addressing pressing societal challenges. These systems can establish and enforce regulations and standards, ensuring that innovations meet safety, ethical, and quality requirements, which is crucial in fields like healthcare and technology.

ACKNOWLEDGEMENT

We are very thankful to Prof. Shubham Unhale & Dr. Anil Kushwaha sir for guiding and supporting us throughout our work.