



NEHRU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution affiliated to Bharathiar University)

(Reaccredited with "A" Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified)

Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)

Nehru Gardens, Thirumalayampalayam, Coimbatore.



CENTRE FOR RESEARCH AND DEVELOPMENT

1. Vision, Mission and Objective

- **Vision:**

To nurture the idea of faculty and students in the area of Research & Development by providing seed money through in house projects and guiding them to get government funds for implementing their innovative research and product development ideas.

- **Mission:**

- a. To motivate faculty to undertake Seed Money Projects and assist in filing research proposals for grants from various funding agencies like UGC, DBT, DST etc.
- b. To encourage multi-disciplinary research internally within the institute and externally with other organizations
- c. To encourage the staff and students to attend/present and publish papers in various national/International conferences of their area of specialization.
- d. Assists the faculty, research scholars and students in filing of IPRs like patents and copy rights.

- **Objectives:**

- a. Encourage and facilitate interdisciplinary and multidisciplinary research within different departments and institutes
- b. Include research as an integral part of syllabi..
- c. Increasing i10 of each research guide.
- d. Organizing value added workshops to all faculties inorder to increase research proposal submission and acquire financial assistance from various funding agencies.
- e. Patenting the product and getting copy rights.
- f. Transferring the standardized technology to industries and commercializing the product in the market.
- g. Consultancy services to PG students to do their dissertation and solving the persisting problem in industries.




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COMMITTEE MEMBERS

S. No.	Name of the Portfolio	Name of the Faculty Coordinator
1	Research Director	Dr. B. Anirudhan
2.	Industry and Institutional tie-ups/Research Scholars	Dr. V. Shanmugam
3.	Seed Money Project [In-house]	Dr. P. Senthilkumar
4.	Books and Book chapters	Dr. T. Ramaprabha & Dr. K. Reena
5.	Journal publications	Dr. K. Raj Kumar & Dr. Vijayan. A
6.	Internship/Summer Research Fellowship	Dr. C. Boopathi
7.	Patent and Copy rights	Dr. K. Prathapchandran

Centre For Research and development

Research constitutes theoretical interpretation and experimental components to reach meaningful conclusion. There are interdisciplinary and multidisciplinary research. In an academic institution research plays a vital role in inciting scientific temperament in faculties and students. Government of India through various funding agencies and Management of self-financing college offer's substantial financial support to carry out research which leads to publication either in peer reviewed journal or to a product, which results in patent or copyrights.

In order to avail the funds from various Indian agencies, the research board circulates the advertisement advertised in the web site to all faculty members. Similarly, the Management circulars for submitting in-house projects are also circulated among all faculty members. In addition, advertisement relevant to students Internship, Summer Research Fellowships and Visiting Scientist Fellowship offered by various Indian Academy of Sciences and Central institutes like – TIFR, CNeS, IIT's are also disseminated among staff and students. This is to stimulate faculties and students to pursue research in Central Institute under the guidance of Fellow of National Academy of Science and Scientist. This pave way for younger generation to identify, do domain specific quality research and get through UGC - CSIR-NET exams. Faculties




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are also encouraged to submit proposals for getting financial assistance for organizing both national and international level Workshop/Conferences/Symposium/Seminar.

Members of faculty receive incentives for their contribution in increasing infrastructure of the department through funding agencies, publishing books and book chapters, patenting their products and obtaining copyrights, publishing articles in Scopus Indexed high impact factor journals.

STUDENT MEMBERS- 2021-22

S. No.	Department	Student List
1.	Food Science and Nutrition	Anusree G
2.	Social Work	Anies Selica
3.	Biotechnology	Sajna A
4.	Commerce	Gokul Krishnan
5.	Microbiology	Najma Abbas

STUDENT MEMBERS- 2020-21

S. No.	Department	Student List
1.	Commerce	Fathima Shahana S
2.	Food Science and Nutrition	Jayapradha D
3.	Social Work	Christy Johnson
4.	Biotechnology	Krishna P V
5.	Microbiology	Haritha P H




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STUDENT MEMBERS- 2019-20

S.No.	Department	Student List
1.	Biotechnology	Sakthidharani R
2.	Computer Science	Manjusree R
3.	Electronics and Communication System	Shanidh M
4.	Microbiology	Shabna Mol M
5.	Social Work	Kishor B Pious
6.	Commerce	Kaja Hussain P A

Activities of the Centre

Academic Year: 2021-22

S. No	Name of the Resource person	Designation	Complete Address	Date of the event	Title	Total Beneficiaries
1	Dr. B. L. V. Prasad	Director	CeNS, Bengaluru	26/11/2021	Role of smart materials in Nanoscience	75
2	Dr. Mary Immaculate Sheela	Professor	Pentecost University, Ghana	24/11/2021	Research Tools and Techniques	70
3	Dr. G. Varatharaju	Associate Professor	Sree Kaleeswari College, Sivakasi	11/03/2022	Bioinformatics for Biotechnologists	55
4	Dr. M. S. Sashidhar	Emeritus Professor	NCL, Pune	10/11/2021	Researchers Ethics	65
5	Dr. Mohan Raj	Professor	Bharathidasan University, Trichy	11/11/2021	Research Methodology- Problem solving and ideation	45
6	Dr. S. Karuthapandian	Senior Most Professor	Dept. of Biotechnology, Alagappa University, Karaikudi	23/09/2021	IPR	54
7	Dr. S. Karuthapandian	Senior Most Professor	Dept. of Biotechnology, Alagappa University, Karaikudi	02/06/2021	An overview of Journal publications	65




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