



CRITERION 3
**RESEARCH,
INNOVATIONS
AND EXTENSION**

NILGIRI COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University | UGC 2(f) 12(B) Status
Run by CDFT | Established in 2012 | Self Financing Institution



www.nilgiricollege.ac.in



3.1 RESOURCE MOBILIZATION FOR RESEARCH RESEARCH PROJECTS AWARDED DURING LAST FIVE YEARS

SI No	Name of the research project/ endowment	Name of the Principal Investigator	Name of the Funding Agency
1	EMPOWERING NEIGHBOURHOOD - SOCIO-ECONOMIC SURVEY	DHANYA C MATHAI	SIGN PHILOSPHERE, KOOLIVAYAL
2	MARGADEEPAM SOCIO ECONOMIC SURVEY	SREENA VA	MARGADEEPAM, VALAKKUDA, MALAPPURAM
3	BIGMARKET - JOB ENGAGMENT SURVEY	RENJITH KV	THE BIGMARKET, BANGLORE
4	ABEER DIABETICS AWARENESS AMONG STUDENTS	ANUMOL	ABEER MEDICAL GROUP, JEDDAH, SAUDI ARABIA
5	INSIGHT - LEARNING DISABILITY DETECTION	MUTHUKUMAR	SIGN PHILOSPHERE, KOOLIVAYAL, WAYANAD
6	GLOBAL - ACADEMIC AND ADMINISTRATIVE AUDIT	LEEMA THOMAS	GLOBAL INTERNATIONAL SCHOOL, KASARAGOD
7	BIGMARKET - SHOPPINGMALL FEASABILITY ANALYSIS	AURLIN JOSE	THE BIGMARKET, BANGLORE
8	MARGADEEPAM SOCIO ECONOMIC SURVEY	ARCHANA M S	MARGADEEPAM, VALAKKUDA, MALAPPURAM
9	ABEER JOB ENGAGEMENT AND SATISFACTION SURVEY	MUHAMMEDALI	ABEER MEDICAL GROUP, JEDDAH, SAUDI ARABIA
10	FASO MARKET FEASABILITY ANALSYS	MUHAMMEDALI	FASO BAKES, MANANTHAVADY

GRANTS RECEIVED FROM GOVERNMENT AND NON-GOVERNMENTAL AGENCIES FOR RESEARCH PROJECTS / ENDOWMENTS IN THE INSTITUTION DURING THE LAST FIVE YEARS (INR IN LAKHS)

Year	Grants Received
2017-18	1.01
2018-19	5.05
2019-20	6.85
2020-21	1.04
2021-22	2.75



3.2 INNOVATION ECOSYSTEM

The institution has created an ecosystem for innovations, entrepreneurship, and knowledge creation through various research and innovative practices. It has constantly strived to create pedagogy using new technologies and designs.

INNOVATION CELL

- Initiatives for Innovation and Entrepreneurship
- Collaboration with ENcube Labs USA for creating an innovation ecosystem
- ICT Academy Kerala for providing advanced technology skill enhancement courses
- Innovation Floor Dubai - for Artificial Intelligence and Robotics
- Zero to Makers workshops
- AI and Robotics enabled campus – Alice and I-Pals
- Industry Add-on Courses – AI and Robotics, IOT, Gaming and Animation
- Design Thinking Workshops
- Students developed Smart dustbins, wireless notice boards, auto hand wash, pedal-operated hand wash, mobile-controlled toy cars, Egg Incubator, Automated PA system, and Sanitary Napkin Disposal Cover.

3.2 INNOVATION ECOSYSTEM

ENTREPRENEURSHIP CELL

- Mushroom Cultivation
- Leadership Club
- Meet the Entrepreneur program -
- Students startups



3.2 INNOVATION ECOSYSTEM

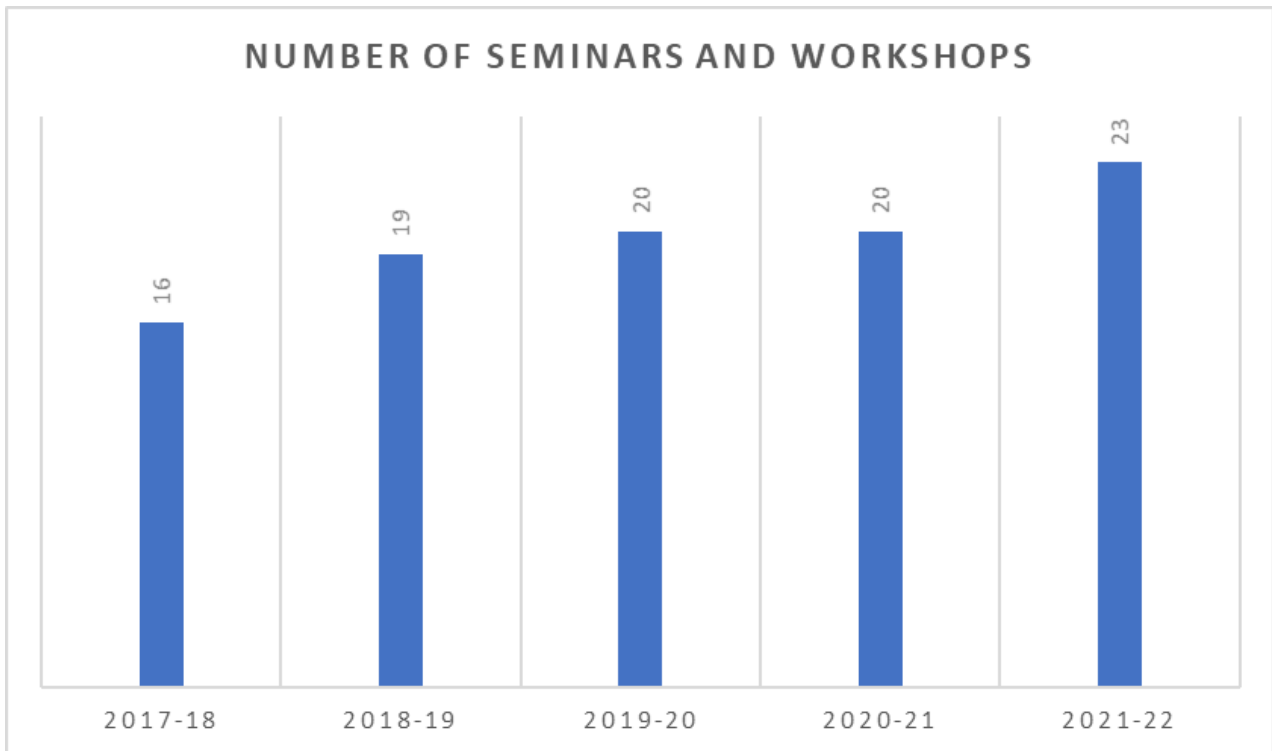
RESEARCH AND INNOVATION CELL

- Own ISBN
- Seed Funding
- NGO Funding
- IPR and Patents



3.2 INNOVATION ECOSYSTEM

Workshops and Seminars on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship



3.4 EXTENSION ACTIVITIES

Extension activities are carried out in the neighbourhood community in order to sensitise students to social issues, spirit of volunteering and humanism.

‘Gramadeepam’: Neighbourhood Community Empowerment Project

The institute is surrounded with a neighbourhood community comprising 45 houses. To analyse the socio economic situation of the neighbourhood, College has conducted a detailed scientific survey involving the students and staff in 2019. The study enlightened the necessity of their empowerment by strengthening capacities and to provide an enabling environment to access various opportunities to grow together.

Key Initiatives:

- Formed a residence forum of residential students, faculties and neighbouring households.
- Organized different cultural gatherings and awareness sessions ensuring the happiness of the families and to strengthen their socio-economic status.
- Launched a joint movement of sustainable village project of organic farming and green initiatives.
- Supported the deserving families with various relief measures like distribution of food kits, medical aids etc.
- Honoured grandparents, senior citizens and farmers.
- Computer and language literacy programmes for house wives

NSS, NCC AND YRC

- Adopted 5 Villages namely Erumad, Kayyunni, Chermabadi, Ayyankolli and Ambalamoola under UBA
- NSS has adopted Kuthirambam Tribal Colony adjacent to the campus.
- Swatch Bharath Cleaning Activities
- NCAS TASK FORCE for Crisis and Disaster Management
- YRC has initiated Cancer and Aids Awareness Rally, Blood Donation Camp, and Financial Assistance for needy, Dress Bank, Medical Camp on a regular basis.
- Women cell has initiated extension programmes including Cleaning Drive, Anaemia detection camp, sanitary awareness programme, Pre-marital Counselling for neighbourhood.



NSS, NCC AND YRC



HAPPINESS CENTRE

- Happiness Lunch – 15000 + lunches
- SNEHASWARAM – Old age home inmates get-together
- PRP Mentoring Sessions
- Counselling and healing
- Hosted a cultural festival with north eastern artists in collaboration with IGRMS, Govt of India.



HAPPINESS CENTRE

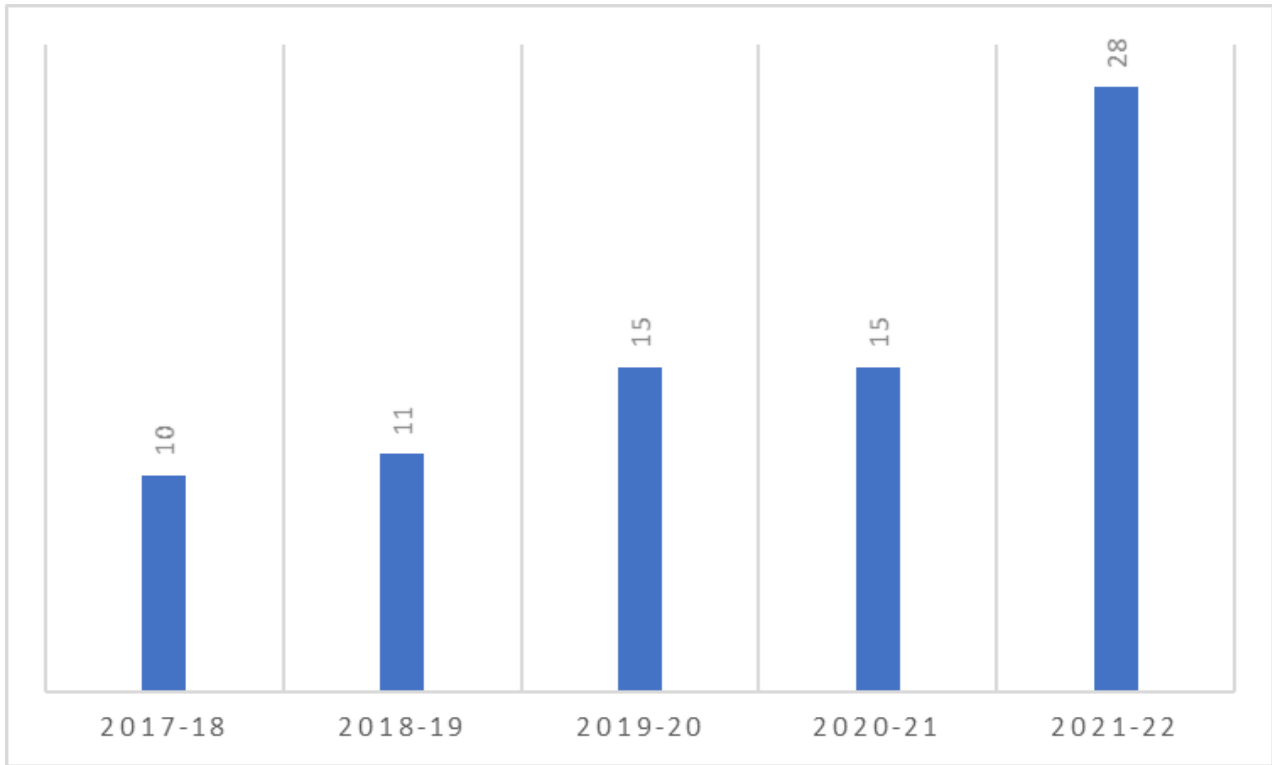


DEPARTMENTS' INITIATIVES

- Computer Literacy for Tribal People and house wives
- Sports Training and different sports meets
- Selection Trials for National and International Football Clubs
- Wheel chair for differently abled and electronic gadgets for Tribal students
- Job Fair and Job Skill Training
- Cultural shows at villages and schools
- Elite World Record BADAGA Dance with 1570 performers in single venue from various schools and villages
- Faculty Development Programme for neighbouring School Teachers
- Edu Conclave for school students.



Number of extension activities carried out for the last five years



Awards and recognitions received for extension activities from government / government recognised bodies

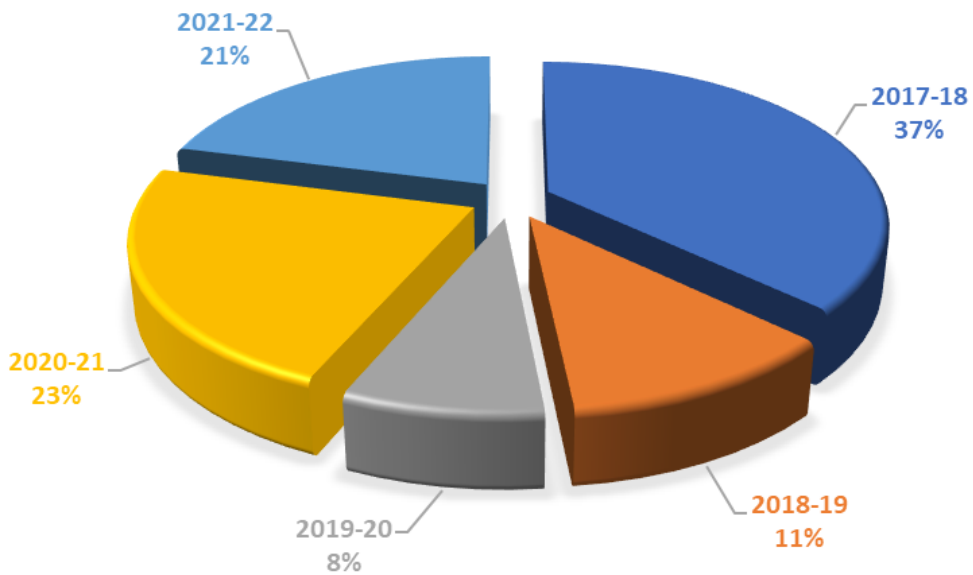
- Elite World Record for the ever-largest BADAGA Dance with 1570 participants.
- College secretary was invited for International Visitor Leadership Program (IVLP) organised by the Department of States, USA
- Ranked one among the top 10 innovative Arts and Commerce College
- YRC unit of the college received the letter of appreciation from the Government Taluk Hospital, Sulthan Bathery.
- Vice Chancellor of Bharathiar University appreciated the institution on the introduction of Thirukkural couplets for value education
- Flood relief activities and volunteering support were recognized by the Members of the Legislative Assembly of Gudalur and Sulthan Bathery constituencies
- Happiness Lunch Project, an initiative to feed the needy and homeless destitute in the old age homes, orphanages, and street was well recognised by the Member of Legislative Assembly of Gudalur.
- Nilgiri College Sports Academy received appreciation from Kovalam Football Club, CFFA Dubai, Kerala Police, and Lakshadweep Football Association for conducting an international football tournament.

Awards and recognitions received for extension activities from government / government recognised bodies

- NCSA received recognition from the All India Football Association (AIFA), Tamil Nadu Football Association, and Nilgiri Football Association for conducting National Coaching (D Licence) Camp for future football coaches.
- Academic Dean of the institution received PAZHASSI AWARD for educational services rendered in rural tribal areas and KAMAL PATRA NATIONAL AWARD instituted by IJC.
- Received an appreciation from Sulthan Bathery Municipality and Government Sarvajana Higher Secondary School for the Happiness project guidance and mentoring at their institution.
- Welfare Department of Wayanad district panchayat appreciated the institution on SNEHASWARAM, an exclusive event for the inmates of old age homes
- Awarded as the Best Happiness Campus by World Happiness Forum
- NCC unit received appreciation from Sulthan Bathery Station House Officer for helmet awareness campaign

The college has signed 11 international and 60 national MoUs for academics, research, Sports, and placement.

COLLABORATIONS DURING THE LAST 5 YEARS







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