

	Dr. N.G.P. ARTS AND SCIENCE COLLEGE (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu & Accredited by NAAC with A++ Grade (3 rd Cycle - 3.64 CGPA) Dr. N.G.P. - Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India Web : www.drngpasc.ac.in Email : info@drngpasc.ac.in Phone : +91-422-2369100	IQAC
		AQAR 2023-24

ANNUAL REPORT 2022 - 23

ACCREDITATION AND LAURELS FOR Dr. NGPASC

Autonomous Status: The UGC Expert Committee for grant of extension autonomous status was visited our campus between 23rd and 24th November 2021. The UGC granted extension of autonomous status for five years from the academic year 2021-22 to 2025-2026.

NLIST: Dr. NGPASC has been recognized as one of the Top 10 users by the National Library and Information Services Infrastructure months, viz. September 2022 and October 2022. This is for the kind information for 4 RECOGNITION: N-LIST – TOP 10 COLLEGE USERS Dr. NGPASC has been recognized as one of the Top 10 users by the National Library and Information Services Infrastructure (N-LIST) for Scholarly Content for the two consecutive viz. September 2022 and October 2022.

National Institutional Ranking Framework (NIRF): Our institution is positioned between 101-150 band under the college category.

Atal Ranking of Institutions on Innovation Achievements (ARIIA): . The ARIIA ranking of the institution is Performer B within Top 100 institutions respectively in 2021, 2020 and 2019.

India Today: India Today conducts yearly survey to determine the best colleges in the country with respect to infrastructure, faculty, environment and resources provided to the students. Dr.N.G.P. Arts and Science College bagged 2nd position in Arts Stream and 3rd position in Science Stream in India Today's Best Colleges of India 2023 survey.

a) The Week: Hansa Best College Pan India Ranking 2023 conducted by THE WEEK, we secured 34rd rank in CDF, 39th rank in BSc Programmes, 41st rank in Commerce, 37th rank in Science and 60th rank in Catering Science for the stream wise ranking.

b) Outlook

Under the “Outlook-ICARE Best Colleges Ranking 2022” our institution has bagged the following ranks in various categories. The category under Pan India stream wise is as follows: Arts- 68th rank, Science - 54th rank, Commerce - 82nd rank, BCA-86th rank, BBA (CA)-134th rank. Among the Coimbatore ranking, our institution is ranked as 1st in Arts, 3rd in Science and 5th in commerce

Open Magazine: Dr. NGPASC received ranking as following in the following programmes:

- B.Sc. Costume Designing and Fashion – ranked 7
- All B.Sc. Programmes – ranked 10
- BA Programmes– ranked 13
- BBA Programme – ranked 15
- All Commerce Programmes – ranked 17

Education World

Dr.NGPASC is recognized under Private Autonomous College Ranking 2022-23 across Pan India and secured 10th rank across Pan India and 4th place in Tamil Nadu.

INTERNAL QUALITY ASSURANCE CELL

Executive Committee Meeting 2022-23

IQAC meetings were held every month with the internal members and updated with streamlined workflow.

Fee Concession

In order to support the needy, economically backward and deserving students, our management renders assistance to students by giving fee waivers which accounts to a sum of Rs. 2.5 Crores. This is for both students who excel in academics and in sports. The scholarship encompasses varied dimensions like Alumni students and Alumni referral, Merit basis, Sports, Refugee and Staff welfare.

National Programme on Technology Enhanced Learning (NPTEL)

Our institution being ranked at 100th position among 4500 local chapters and takes pride in creating awareness for all students, both UG and PG. The students are encouraged and motivated to register in several online platforms like NPTEL, MOOC, SWAYAM, Spoken Tutorial and

other free courses. Apart from students, the faculty members also have shown keen interest in enhancing their knowledge by joining in several courses. Totally 3464 students and 129 staffs have enrolled and completed different online courses. Four staff members were registered as mentor in International Marketing and Leadership NPTEL courses.

Examination Results

The end semester examination results for the academic year 2022-23 for both UG and PG have been fruitful. The pass percentage for UG has been 97.05% and for PG 94.27% which is indicative of the fact that both undergraduate and postgraduate students are ambitious in clearing their exams.

Faculty Development Programme

To enhance the knowledge of the staff and to be at par with the recent developments 78 FDP programs were conducted in-house. Out of these, some of them were functional FDPs conducted by the respective departments for their faculty. Some faculty visited other institutions and attended FDP which account to 552.

INTERNATIONAL / NATIONAL CONFERENCES / SEMINARS/ WORKSHOPS

An arena to share or exchange knowledge is by hosting or participating in conferences, workshops or seminars. Our institution has made tremendous effort to organize various events in the academic year 2022-23. Totally 146 guest lecturers were conducted by all the departments, 2 International, 10 National conferences, 52 extension activities in different adopted villages in and around Coimbatore were conducted by our undergraduate students. SERB sponsored Symposium was conducted by Department of Information Technology with a funding of Rs. 75,000. Entrepreneur Development Awareness Cell conducted 7 camps with reputed entrepreneurs who addressed the students. Industry Institution Partnership Conclaves (IIPC) developed a conclave of events to bring together the college and industry whereby 8 events were organized jointly by all departments as Elite Talks. The students were motivated by Alumni interactions from every department with a total number rising to 69. Apart from offline programs, 2 webinars were also conducted during Academic year 2022-23 by all departments.

STUDENTS AND STAFF - PRESENTATION / PARTICIPATION

- 221 papers were presented in International and National level Conferences, Seminars and Symposiums organized within India

- More than 100 staff members dynamically participated and presented in various International and National level Conferences and Seminars organized within India
- 2438 Students presented papers and participated in various International and National level Conferences, Seminars and competitions organized within India

MEMBERSHIP IN ACADEMIC BODIES

- The Academic expertise of our staff members has been extended to other institutions both regionally and nationally as given below:
- Dr.N.Kannikaparameswari, Professor in Biochemistry acted as VC Nominee and subject expert for BoS in Bharathidasan College of Arts and Science, Erode and Vellalar College for Women, Erode.
- Dr.T.Indhumathi, Professor in Biochemistry received Life Time Membership in Institute of Researchers, Kerala.
- Mrs.G.Lalitha, Assistant Professor in Biochemistry has recognized as Editorial member Advances in Bioscience and Bioengineering.
- Dr.K.Rajathi, Professor in Biochemistry received Life Time Membership in InRes Institute of Researchers,Wayanad,Kerala.
- Dr.S. Gowri and Dr.N.Kannikaparameswari, Department of Biochemistry acted as subject expert for BoS in PSG College of Arts and Science, Coimbatore.
- Dr. Arun P, Professor in Biotechnology acted as BoS Member in Biotechnology (PG) in Bharathiar University and Hindusthan College of Arts and Science.
- Dr. J. Rengaramanujam, Professor in Microbiology acted as BoS Member and DC Member in RVS College of Arts and Science Coimbatore.
- Dr.R.Mahenthiran, Assistant Professor in Microbiology received Life Time Membership in InRes Institute of Researchers,Wayanad,Kerala.
- Dr.D.Sridevi, Professor in Food Science and Nutrition acted as BoS Member in Bharathiar University.

- Dr.N.Kumaresh, Professor in AI and ML acted as DC Member in Sri Ramakrishna College of Arts and Science Coimbatore.
- Dr.N.Kumaresh and Dr.N.Sathya Department of AI and ML received Life Time Membership in International Association of Engineers.
- Dr.P.B.Banudevi, Commerce Dean acted as DC Member in Tiruppur kumaran college and also acted as BoS Member in Vellalar College for women.
- Dr.D. Parasakthi, Head, Department of commerce acted as DC Member in PSG College of Arts and Science, Coimbatore
- Dr.S.Dharchana, Department of commerce acted as acted as BoS Member in Sri Ramakrishna College of Arts and Science Coimbatore.
- Dr.A.R.Kanagaraj, Professor Department of Corporate Secretaryship acted as DC Member in PSG College of Arts and Science, Coimbatore and also as BoS Member in Bharathiar University.

AWARDS, PRIZES AND RECOGNITIONS

- Dr. Girija K., HoD i/c, Dept. of Physics received financial assistance from SERB towards participation in “11th International Conference on Materials for Advanced Technologies” held at Singapore during June 26 to June 30, 2023. She received a sum of Rs. 37,500/-
- Mrs. T.R. Indumathi, Assistant Professor, Dept. of Costume and Fashion Designing received a certificate and cash prize of Rs. 10,000 in recognition of consolation winner of Texathon 2.0 during January 2023 at AIC –NIFT TEA Incubation Centre for Textile & Apparels, Tiruppur for the innovation Titled – “Medical Textiles using Agriculture Waste Fibres”
- Dr. K. Rajathi, Professor, Dept of Biochemistry received recognition for her outstanding professional and research achievement in the field of Biochemistry on 27.03.2023 by The Institute for Researchers, Wayanad, Kerala
- Dr. S.S. Sudha judged and chaired a session at the 18th International conference on “Converging microbiological innovation for application in animal, plant, environment and health care” (ICCMIA-2023) organized by Department of Animal Science,

Manonmaniam Sundaranar University and Indian Association of Applied Microbiologists (IAAM) held at Tirunelveli on 27.01.2023

- Dr. NPGASC organized Dental Screening & Cleaning camp on 23.04.2023 at KPR Institute of Engineering and Technology, Coimbatore and won the Best Dental Screening Camp Award by RI District – 3201
- Dr. NGPASC received the “Best Blood Donation Campaign Award” by RCC Meridian on 15.03.2023 for the best blood donation camp conducted
- Dr. N. Vanitha and Dr. R. Prabha received award of recognition for their tremendous contribution for “E-waste Mega Collection Drive” organized by Lions Club of Coimbatore, Nehru Nagar, Coimbatore on 13.02.2023.
- Rtr. Mathankumar M, President and Rtr. Hemnathraagul, Community Service Director of Rotaract Club, Dr. NGPASC, received the District Rotaract Representative Special Recognition pin award from District Rotaract Representative RID – 3201 on 09.02.2023.
- Our student Sakthivel K. (B.Sc IT, Batch 2020-2023) of Tiruppur, Tamilnadu has received an appreciation certificate from India Book of Record for his achievement in walking 89,464 steps covering 70.31 km in 13 hours and 52 minutes. He started walking on May 17, 2023 at 2:08 a.m. around the public ground (Palladam) and completed the walk at 4.00 p.m.
- Ms. Uthaya Ragavi, III B.Sc. Food Science & Nutrition, has won 1st prize in Karpagam Engineering College for making 20 millet recipes within 45 minutes. She also bagged second place in Tamil Nadu Millet Conclave 2023 held on January 7th and 8th 2023 at Nirmala College, Coimbatore.
- Mr.S. Bharanidharan, III B.Sc. Computer Science has been selected as Multi tasking Officer at Income Tax Office, Chennai, Govt. of India during May 2023.

AWARD OF Ph.D.

10 Ph.D. Scholars have been awarded during the academic year 2022-23.

EXTENSION ACTIVITIES

Through the able guidance of our staff, our students extended 52 numbers of Community and Health services at villages adopted by the Institution for the benefit of the society. Various programs to build awareness among the public, rural, women and children and illiterate population. Different programs like enacting a skit, one to one interaction with the public, lectures and door to door to interaction was held during the extension activity to create awareness on day to day topics like Save Water, Health and Hygiene, Care for Nursing Mothers, Usage of App for farmers etc. All the above were conducted in the following 5 different adopted villages namely Sarkar Samakulam, Velliangudu, Nellithurai Village, Paduvampalli Village, Karamadai, Thippanur Village.

NATIONAL DAY CELEBERATIONS

National days such as Yoga Day, Independence Day, National Vigilance Week, Republic Day, Science Day and Ramanujam day were celebrated to enrich the importance of the national and international status.

Commerce Stream marked the World Consumer Day Celebration on 15.03.2023. World Purple Day 23 was held on 27.03.2023 to support epilepsy across the world. World TB day was held on 24.03.2023 organized by Dept of Microbiology. Central Excise Day was held on 23.02.2023 which focused about the indirect taxation.

National Science day was celebration on 28.02.2023 where the students visited Govt. Schools to create awareness on basic science. World Environmental Health day was observed on 10.09.2022 by Dept of Biochemistry where segregation of waste at home was done. On 11.03.2023 an awareness program on Pradhan Mantri Jeevan Jothi Bheema Yojana was observed by Department of Computer Applications who visited the adopted villages near Coimbatore. An awareness program on Mahila Udayam Nidhi Scheme was carried on 25.03.2023 where the students visited adopted villages and educated the villagers.

International Women's Day was celebrated on March 8, 2023 and many of the Women staff from various dimensions were honored and awards were given away to motivate them in every way possible for the upliftment of the women of all ages.

PARENTS TEACHERS MEETING

The parent association meeting was held for the academic year 2022-23 faculty wise. All the parents were invited through whatsapp messages. Interactive sessions were held where the parents felt free to raise queries which were answered by our staff.

- On 07.08.2022 the orientation program was conducted for first year parents of Faculty of Bio Science, Humanities and Faculty of Commerce (B&I, IB and A&T).
- On 10.08.2022 the orientation program was conducted for first year parents of Faculty of Commerce (Commerce, IT, BA and CSCA).
- On 12.08.2022 the orientation program was conducted for first year parents of Faculty of Commerce (Commerce CA, Finance and BPS) and Faculty of Computer Science (AL, ML, DA and Cognitive System)
- On 13.08.2022 the orientation program was conducted for first year parents of Faculty of Computer Science (CS, CT, CA, IT and Cyber Security)
- On 19.11.2022 and 26.11.2022 Parent Teacher Meeting was held for different faculties. Main agenda was to bring to light the importance of attendance, dress code, academic, placement, sports achievements and preparation for continuous assessment tests.

TRAINING AND PLACEMENT

Our training programs are focused towards the holistic development of students and to hone their expertise in technical, aptitude as well as soft skills.

- The Training and Placement Cell train and mold the U.G and P.G students to meet the industrial needs.
- Training and Placement Cell facilitates to achieve 90% of our students to get placed in reputed companies
- 945 students were placed in the year 2022-23 with the highest package of 9 lakhs
- Students got placed in companies which include MNC and Non-MNC

- The placement readiness programs such as BEC and VERSANT impart soft skills to students
- The Placement has organized 50 On Campus Interview and 11 Off campus
- We thank eminent recruiters like ZIFO, Deloitte, Mckinsey, Visionary RCM, Microland, KGISL, L&T, Justdial, OMICS Groups, Integra Global Solutions, INFOSYS, HCL, HIRE ME; Vee Technology, Bright Star Educational Institution, Winner Education, Infotech, Jaro Educations, Capgemini, Access Health Care, TCS, Amazon, ICICI Prudential, IDBI Federal Bank, CTS, Future Generali, Technosoft, Focus Edumatics, VWR, Concentrix , Thyrocare, Wipro, Molecular connection, ATMEC, Bibox labs, Photon Infotech, American Guardian Life, Altruist,ILM, Syntel, FACE, Aspire Systems, Quintessence Business Services & Solutions, etc.

HIGHER STUDIES

It is noted that 555 students during AY 2022-23 have opted for higher studies after completion of their graduation. Eleven students have chosen to join for doctoral studies in various disciplines.

CLUB ACTIVITIES

Thirty-two clubs are effectively functioning to develop Academic, Cultural and Research & Development and to build character and team spirit. There are many benefits to being involved in student clubs and organizations. Being a part of a group offers assistance with the following: career enhancement, communication skills, leadership skills, social networking, social skills, personality development, organizational and management skills, build resume, long lasting friendship and more. The active participation is encouraged by means of conducting various competitions.

Academic Clubs:

1. Big data and Big Insight Club
 - Orientation on Block chain technology
 - Workshop on Design and Architecture of IOT
2. Event Management Club
 - Orientation on Event Management
 - Guest lecture on time management and team building
3. The Bankers and Finance Club
 - Budget Discussion

- Orientation on NEFT & RTGS form filling
4. Astronomy Club
 - World Space Week Celebration
 - Special Lecture on the topic entitled “A Journey across Space and Time.
 5. Library Club
 - Student Awareness Program on “Using Library Catalogue”
 - Workshop on “Educational E-Resources for academic excellence”
 - Guest Lecture on “How to write Book Review”
 6. Ramanujan club
 - Video lecture on Advanced level of Statistics in SPSS package
 - Special Lecture to create interest and Self Motivation
 7. I-Can Club
 - Special Lecture on “Why Environmental Studies?”
 - Motivated students to make them ready to take up challenges
 - Encouraged to Understand and Present the assignments in the their own style
 - Given new ideas to learn in a creative way.
 8. Icon Club
 - Special Lecture on “Assessment Criteria for NABH Criteria”
 - Special Lecture on “Booming Scope of Hospital Administration” for MHA Students
 - Conducted language enhancement games to Enhancing their communication skills.
 9. Staff Club
 - Distributed New Year Diary as gift to teaching and Non teaching Staff.
 - Posted Greeting for New Year, Christmas, Diwali, Teachers day.
 - Distributed Diwali gift vouchers of Sri Annapurna worth of Rs 500 for Teaching and Non Teaching Staff
 10. Study Abroad Club
 - Disseminated the available opportunities for studying in foreign countries

Cultural Clubs:

Achievers Club

- Motivational talk for the students about clearing competitive exams for professional course by finance department student achiever
- Achievers Day 2023 was celebrated on 28th April, 2023.

ECO Club

- World Ozone Day Commemoration celebrated on 16.09.2022 on the theme “Renewable energy for Sustainable development”.
- Aforestation activity connected on 15 .10.2022 at Mathamppati ,perur.

- Awareness programme on “Renewable energy resources on plastic usage on 11.02.2023 at Nellithurai.
- "World Wetland Day" celebrated on 02.02.2023
- Conducted 10 more activity on the topics Herbal Garden Maintenance and Plantation, Virtual Water Conservation, Biodiversity Conservation, Introduction to Composting.

YUVA Club

- Safety Awareness Campaign on 07.01.2023 .
- Programme on Influence of Celebrities over the changing lifestyles in Youth on 16.11.2022 to 18.11.2022 at Hindusthan Arts College Auditorium.
- Conducted 7 more activity on the topics Learn to Save a Life, Challenges in Entrepreneurship, X Factor Yi Learning, Power Of Healing In Nature.

Dance Club

- Conducted 9 more activity on the topic Folk style of dance-2,Folk style of dance-1,Contemporary Dance-2,Cinematic Dance,Western Dance,Basic Dance Styles.

Sports Club

- Identified sports talents and trained the students in various sports.
- Kho-Kho, Badminton, Basketball events conducted in the month of June 2022.

Citizen Consumer Club

- Celebrate World Consumer Day - Knowledge Sharing Programme - Legal Awareness on Consumer Law 15.03.2023.

Coders and Hackers Club

- Special lecture on on Logical thinkingSpecial lecture on Basic Coding and Problem-Solving Skills.
- Organised Workshop on Critical Thinking on 22.02.2023.
- Conduct "Coding Contest : Debugging" on 11.02.2023

Rotaract Club

- Blood Donation camp on 09.02.2023.
- Awareness Programme on Income Tax on 11.03.2023.
- Special lecture "Awareness on POCSO ACT and Related Laws on 21.02.2023.
- International Women's Day Celebration - Pattimandram - Aathigam Kondadappaduvathu Aangal Theenama? Pengal Theenama? On 08.03.2023.
- Conducted 10 more activity on the topics Evening Tutuion for School Students, Dental Screening and Cleaning Camp, Eye Screening Camp,Organ donation Awareness program , Chess Olympiad.

Center

- Centre for Women Development conduct “Workshop on One day Skill Training Programme - Basic Stitching” on 08.03.2023.
- Centre for Competitive Examinations organized Seminar entitled "How to Prepare for the Civil Service Examinations on 03.03.2023
- Centre for Value Education organized special program on Sadhbhavana Diwas - Pledge, (Rajiv Gandhi Memorial Day), Dr. APJ Abdul Kalam Memorial Day, International Day against Drug Abuse, International Yoga Day.
- Awareness Programme on Competitive Examinations organized by Centre for Competitive Examinations on 06.09.2022.
- Guest Lecture on How to Prepare for State / Central Government Competitive Examinations organized by Centre for Equal Opportunity on 23.02.2023.

RESEARCH AND DEVELOPMENT

- In order to promote research activities among staff and students, the Management has initiated the in-house funding namely Seed money, Student Start up projects, research incentives/ honorarium, travel grant support etc. To promote inter disciplinary and quality research, the research advisory/steering committee guides the staff in identifying suitable funding agency to submit their research proposals for funding.

RESEARCH PROJECT

- 155 proposals were submitted to various funding agencies by students and staff during the academic year 2022-23
- The students from department of Chemistry, Physics, Microbiology, Biotechnology, Computer Science with Data Analytics and Hospital Administration received six projects from Tamil Nadu State Council for Science and Technology (TNSCST)
- 1. Ms. Harini. B, Dr. R. Mahenthiran, Asst. Professor, Dept. of Microbiology, received Rs.7500/project titled Isolation and characterization of bifidobacterium speices from dairy products against gastro intestinal infection causing pathogens. (MS-0152)
- 2. Mr. Jawahar raja. P, Mr. Vignesh. V, Mr. Vinu varshith. C, Dr. K. Girija, Asst. Pofessor Dept. of Physics, received Rs.7500/project titled Strategic approach to fabricate ag/lafe₃ electrodes for detection of hydroxycinnamic acids. (PS-084)
- 3. Ms. Keerthana. R, Aarabhi. PC, Dr. S. Shyamsivappan, Asst. Professor Dept. of Chemistry, received Rs.7500/project titled dual modal photothermal cancer

immunotherapy of poly pyrrole and quinoline based nanoparticles for cancer therapeutic applications: A next generation of combination therapy. (PS-083)

- 4. Ms. Supriya. S, Mr. Praveen Kumar. S, Ms. Jeevarathna. S, Mr. Ajith. K, Prof. Suji.U Asst. Professor Dept. of Master of Hospital Administration received Rs.7500/project titled Effect of implementing effluent treatment plant in slum areas in coimbatore. (SS-094)
- 5. Mr. Aneesh. K, Ms. Swetha. S, Dr.Sountharraj .A. C, Professor Dept. of Computer Science with Data Analytics, received Rs.7500/project titled Mobile app for career guidance of Tamilnadu higher secondary school students.(CSE-301)
- 6. Mr. Naveen P, Dr Chidambararajan, P Professor and Head Dept. of Biotechnology, received Rs.7500/project titled Screening for plastic degrading microbes from earthworm gut (*Perionyx exavatus*). (BS-0157)
- 7. Dr. D. Sridevi, Professor and Head Dept. of Food Science and Nutrition received Rs.5,00000/- project from ICSSR titled Impact of creating awareness on first 1000 days of life among prenatal tribal women.
- 8. Dr.R.Menaka, Asst. Professor Dept. of Chemistry, received Rs. 3,67,500/- project from ICSSR titled An exploratory study into public awareness of the environmental impact of menstrual products waste disposal in the Coimbatore district.
- 9. Dr.Kanchana C.M, Asst. Professor Dept. of English, received Rs. 1,97,850/- project from ICSSR titled Amelioration of Educational Cognizance amongst tribal women in Annakatti.

Seed Money

21 research proposals were submitted for seed money by students and staff during the academic year 2022-23. The management sanctioned 2.16 L for 10 projects under different disciplines.

Sanctioned Seed Money details:

S.No.	PI	Dept of PI	Co-PI	Dept of Co-PI	Title	Amount (Rs.)	Thematic Area
1	Dr. S. Senthil Prabu	Microbiology	Nil	Nil	Formulation Of Cost Effective Alternative Microbial Culture Media Using Vegetable, Fruits And Kitchen Waste	21,000	Waste management
2	Dr. Meera Raman	FSN	Dr.M.Suganthi	Chemistry	Designing a Protein and Antioxidant Rich Leaf Curd	21,000	Health Science

					incorporated Peanut Butter		
3	Dr. Radha Palaniswamy	Biotechnology	Dr.P.Muthu priya, Ph.D.(Civil)	Dr.NG P IT Civil Engineering	Partial Replacement Of Opce Cement Using The Ash Of Agricultural Wastes - Eco-Friendly Approach	27,000	Environment Conservation
4	Dr. K Rajathi	Biochemistry	Nil	Nil	Nano Biofertilizer: An Ecofriendly Approach in Promoting Plant Growth, Nodulation, Nitrogen Fixation and to treat Iron Deficiency Diseases in Vigna radiata (Mung Bean)	21,000	Environment Management
5	Dr.M.R.Venk ataraman	Physics	Nil	Nil	Semi-Transparent Dye-Sensitized Solar Cells For Self-Powered	22,000	Renewable Energy
6	Dr. N. Kumaresh	AIML	Nil	Nil	Function Form Automation Booking System	20,500	AI
7	Dr. K Thenmozhi	B.Sc. IT	Nil	Nil	Breakzone automation - Canteen management system	20,500	Computer Science
8	Dr. R. VithyaPrabha	English	Dr.S.Sudha	English	Designing Vocabulary Tasks For English As A Second Language Students	20,000	Vocabulary acquisition
9	Dr. V. Kavtiha	CDF	Mrs.T.R.Ind umathi	CDF	Development Of Herbal Wet Tissue Using Cellulosic Microfibril From Agro Residuals	23,000	Health and hygiene
10	Mrs. P.Kavitha	Chemistry	Dr.M.Sugan thi	Chemistry	Formulation and Preparation process of Phenyl and Detergent powder.	20,000	Sanitation

DBT – STAR SCHEME

Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, has accorded Star College Status to our college. A Grant-in-aid sum of Rs.1.26 crores was sanctioned based on the outstanding performance in the field of Science and Technology by the following four departments.

1. Department of Biochemistry

2. Department of Microbiology
3. Department of Biotechnology and
4. Department of Nutrition and Dietetics

A total Grant-in-Aid of sum of Rs. 14,78,189/- has been received by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India for the extension period (01.04.2021 to 31.03.2023).

The participating departments are

1. Department of Biochemistry
2. Department of Microbiology
3. Department of Biotechnology
4. Department of Nutrition and Dietetics

CLUSTER OF DBT STAR SCHEME COLLEGES

The total number of hands on training experiments conducted were 12. Many exhibitions and seminars for the benefit of the students was done which counted to 20. Outreach activities were conducted to a total of 12. The number of invited lectures were 19. The students were taken out for industrial visits under the DBT Star College Scheme which was 6. Eight Alumni interactions were held across the DBT Star college Departments. Several competitions were conducted for the students to sharpen their skills and motivate them for participation in extra curricular activities. Two international and one national conference was organized where more than 500 students participated and benefitted out of it.

RESEARCH PAPER PUBLICATIONS

A total of 630 papers and 46 Books were published by our Staff Members in various refereed National / International Peer reviewed reputed journals.

PATENT / COPYRIGHT

1. Dr. Suganthi R. Dept of Comp Sci with Data Analytics has published a patent on Analysis and Detection of Depression severity scores based on EEG signal using Machine Learning during January 2023.

2. Dr.Radha Palaniswamy Dept of Biotechnology has published a patent on Synthesis of Emulgel from *Euphorbia hirta* and *Coccinia grandis* leaves during January 2023.
3. Dr.Radha Palaniswamy Dept of Biotechnology has published a patent on Synthesis of Development of polyvinyl alcohol film incorporated with *Tridax procumbens* leaf extract for food packaging application during February 2023.
4. Dr.M.Poongothai Dept of Biotechnology has published a patent on Optimization of Temperature for Extraction of Protease from Coconut Shells (*Cocos nucifera*)and its application in food industry during March 2023.
5. Dr.M.Poongothai Dept of Biotechnology has published a patent on Bio-plastic production from peduncle and peel of *Musa paradisiaca* – An eco friendly approach during March 2023.
6. Dr. K. Rajathi Dept of Biochemistry has published a patent on Synthesis of copper oxide nanoparticles using green tea leaf as an effective antimicrobial activity against urinary tract infection and production of organic intimate wipes as its treatment March 2023.
7. Dr. K. Rajathi Dept of Biochemistry has published a patent on Design and implementation of IOT Technology in for Accident Detection and Emergency Vehicle Tracking during March 2023.
8. Dr.N. Vanitha Dept of Information Technology has published a patent on Chronic Kidney Disease Detection Using Machine Learning Techniques during February 2023.
9. Dr. R.Senthil Kumar Dept of Cognitive System has published a patent on IoT Based College Bus Tracking and Surveillance during February 2023.
10. Dr. S. Rekha Dept of Information Technology has published a patent on Face Recognition based Attendance System during February 2023.
11. Dr.D.Sridevi, Dept of Food Science and Nutrition has published a patent on A Study on Formulation and Quality Evaluation of Minor Millets Condensed Milk during March 2023.
12. Dr.D.Sridevi, Dept of Food Science and Nutrition has published a patent on Formulation Of Soup Strips Using Pam Vegan Soup Mix during March 2023.
13. Dr.D.Sridevi, Dept of Food Science and Nutrition has published a patent on Volarization of Onion Through Formulation and Production of Ready to Use Cubes with the Spices March 2023.

14. Dr.D.Sridevi, Dept of Food Science and Nutrition has published a patent on A study on formulation and Standardization of Spriggy papad during March 2023.

CONSULTANCY

A sum of Rs.1,38,574/- has been generated by our Staff and Students towards Consultancy through various Industries and institutions.

Sports Achievement 2022-23

During the academic year 2022-2023, 32 sports quota seats have been granted with 100% free education and accommodation for the categories like Volleyball men, Kabaddi men, and Athletics Men & Women. The contribution of the Management towards sports is Rs. 82 lacs. In total 82 sports students are pursuing studies in the college.

This kind of support has enabled us to achieve more at Inter National Level, National Level, South India Level & University Level tournaments. We proudly say that,

- Mr. S. Bharanidharan of III B.Sc CS has won Silver Medal in the Represented India in the 21st Asian Men's U-20 Volleyball Championship at Riffa, Bahrain from 22nd to 29th August 2022
- Mr. Sharath of III B.Com has won Gold medal in the Represented India in the 3rd Indo – Nepal Youth Sports Kabaddi championship held at Pokhara, Nepal from 19th to 23rd July 2022
- Our eminent men Athletes team has secured overall Champion in Bharathiar University inter-collegiate Athletic Championship held at Nehru Stadium, Coimbatore.
- Our Athletics team got total of 125 points with 22 medals, including 10 Gold, 06 Silver, 06 Bronze medals and Continuously Three Years in Bharathiar University Inter Collegiate Athletic Championship.
- Kabaddi Men team has Secured Winner Position continuously four years in Bharathiar University inter-collegiate Kabaddi men tournament at SRMV College of Arts and Science, Coimbatore.

- Volleyball Men team has secured Runner Position in Bharathiar University inter-collegiate Volleyball Tournament held at Dr.N.G.P Arts and Science College.
- Our College has won Third Place in Bharathiar University inter-collegiate tournaments of Basketball men, Cross Country men and Hockey men teams

Beyond the Territory of Bharathiar University,

- Apart from the team events notably and individually Mr. G. Dhanush Adithan of III B.Com B & I and C has received Gold Medal in the 110m Hurdle and 4x100m Relay in the Bronze Medal in South West Zone Interuniversity Athletic Championship held at Tamilnadu Physical Education and Sports University, Chennai.
- Mr. T.Jeevan Kumar of II M.Sc CS has received Bronze Medal in the 4x100m Realy in South West Zone Athletic Championship held at Tamilnadu Physical Education and Sports University, Chennai.
- Mr. G. Dhanush Adithan of III B.Com B & I has received Bronze Medal in the 4x100m Hurdles and Mr. T.Jeevan Kumar of II M.Sc CS has received Bronze Medal in the 200m in All India Inter University Athletic Championship held at Tamilnadu Physical Education and Sports University, Chennai.

NATIONAL LEVEL & SOUTH INDIAN LEVEL:

- Mr. S. BARANITHARAN of III B.Sc CS, has won Silver Medal in 36th Nationals Games held at Bhavnagar, Gujarat 08 to 12 October 2022
- Mr. S. Baranitharan of II B.Sc CS got Third position in Bronze Medal in Tamilnadu State 71st Senior National Volleyball Championship for men to be held at Guwahati, Assam from 02nd to 09th February 2023
- Mr. S.Sasi Dharan of I B.Sc CS has won gold Medal in National Power Lifting Championship held at Gwalior, Madhya Pradesh from 18th to 20th November 2022
- Kabaddi Men team for Got Second Place in the South India Level Kabaddi Tournament held at Kumaraguru College, Coimbatore from 10th & 12th March 2023.
- Mr. G. DHANUSH ADITHAN of III B.Com B & I who got represented in Tamilnadu Athletics Team in the event 110m Hurdles taking part 36th Nationals Games held at Bhavnagar, Gujarat 08 to 12 October 2022.

- Mr. G.DHANUSH ADITHAN of III B.Com B&I , Mr. S.ASWIN of II M.Com IB , Mr. T.JEEVAN KUMAR of II M.Sc CS and Mr. S.BALAN of II B.Com Finance who got represented in Tamilnadu Athletics Team in the event taking part 2nd National Open U-23 Athletics Championship 2022, Bilaspur , Chhattisgarh 29 to 31 October 2022.
- Mr. S.KIRUBAKARAN of II M.COM IB represented in 61st National Open Athletics Championships held at Bangalore 15th to 19th October 2022.
- Mr. S. BHARANIDHARAN of III B.Sc CS has Selected to Represent Tamilnadu State Youth Men Volleyball team for the 25th Youth National Volleyball Championship for men to be held at Madhya Pradesh from 16th to 22nd December 2022
- Mr. T.JAGADEESH RAO of II M.Com IB has Selected to Represent Chhattisgarh State senior Men Volleyball team for the 71st Senior National Volleyball Championship for men to be held at Guwahati, Assam from 02nd to 09th February 2023
- Mr. S. Bharanidharan of III B.Sc CS has Selected to Represent Tamilnadu State senior Men Volleyball team for the 71st Senior National Volleyball Championship for men to be held at Guwahati, Assam from 02nd to 09th February 2023
- Miss. S.Sowmiya of III B.B.A CA ,Mr. R.Dhanush of I B.A English and Mr. T.Bharanitharan of I B.Com CS CA who got selected in Athletics Team taking part 37th Nationals Junior Athletic Championship 2022 held at Sai Ground , Assam 11th to 15th November 2022

KHELO INDIA UNIVERSITY GAMES

- Mr. T. Bharanitharan of I B.Com CS CA has to Represent 5th Khelo India Youth Games Athletic Championship 2023 to be held at Bhopal, Madhya Pradesh from 03rd to 05th February 2023

Our NGPIans has marked the name of Dr. N.G.P. at All India Inter University levels in various games are as follows.

- Mr. B. kesavaraj of II B.Com and, Mr. K. Udhaya of II B.Com IT represented in All India Inter university Cycling Championship held at MGM University, Aurangabad 14th to 17th February 2023

- Mr. S.Kirubakaran of II M.Com IB, Mr. P.Jeba kumar of III B.Com BPS, Miss. S. Sowmiya of III B.B.A CA and Miss. M.shafna sherin of I B.Com Finance represented in All India Inter University Cross country Championship held at Presidency University Bangalore 12th February 2023.
- Mr. M. Deepak kumar of II M.Sc Physics, Mr. T.Lingarajan of II B.Sc CS, and Mr S.Arun kumar of I B.Sc Catering Represented in the South Zone Inter University Hockey tournament to be held at Bangalore City University, Bangalore, from 11.12.2022 to 16.12.2022.
- Mr. M. Soosai snowsan of MHA, Mr. J. Jagadeepan of I M.Com IB, and Mr T.Jagadeesh Rao of II M.Com IB Represented in the South Zone Inter University Volleyball tournament to be held at SRM University, Kattankalathur, Chennai, from 23rd to 27th December 2022.
- Mr. T.Bhuvanesh waran of III B.Com Finance, Mr. M.Boomi Raja of I M.Com IB, Mr. A. Mohan Raj of I M.Com IB and Mr. A.Prakash of II B.Com Finance Represented in the South Zone Inter University Kabaddi tournament to be held at Bangalore City University Bangalore, from 07.12.2022 to 09.12.2022.

In State Level in various games are as follows.

- Mr. S.Raghul of II B.Sc IT has won Gold Medal and Mr. S.Sakthivel of II B.Sc CS has won Silver Medal in State Level Boxing Championship, held at Tiruppur from 23rd & 24th July 2022
- Mr. Bharanitharan of I B.Com CS CA has won Silver Medal in Discus Throw, Miss.S.Sowmiya of III B.B.A CA Got Gold Medal in 3000mts & Got Gold Medal in 5000mts, Mr.R.Dhanush of I B.A English has won Silver Medal in 10000mts Race Walk and Mr.S. Balan of II B.Com Finance has won Silver Medal in Pole Vault in 35th Tamilnadu State Junior Open Athletics Championship held at Krishnagiri from 17th to 20th August 2022.
- Mr.S.Sasi Dharan of I B.Sc CS Got Third Place in the Open State Level Dead lift Championship held at RVS College of Arts and Science, SULUR from 04th Sep 2022
- Kabaddi Men team for Got Second Place in the State level Invitation Kongu Trophy Kabaddi Tournament held at Kongu Engineering College, Erode from 09th to 12th August 2022.

- Volleyball Men team for Got Second Place in the State level Invitation Volleyball Tournament held at Kovilpatti from 10th to 11th August 2022
- Volleyball Men team for Got Second Place in the State level Invitation Volleyball Tournament held at Dharapuram, Tripur from 24th to 25th September 2022

CHIEF MINISTER TROPHY

Tamilnadu Chief Minister Trophy Athletic Championship, held at Nehru Stadium, Coimbatore from 23rd to 24th February 2023, Gold medal 03, Silver medal 07, and Bronze medal 03

- Volleyball Men team for Got First Place in the Chief Minister Trophy Volleyball Tournament held at Karpagam University from 20th to 22th February 2023
- Kabaddi Men team for Got Third Place in the Chief Minister Trophy Kabaddi Tournament held at Karpagam University from 20th to 21th February 2023
- Mr. R.Mani kandan of III B.Sc Catering and Mr. Nirmal m john of III B.Com Finance Got First Place in Tamilnadu Chief Minister Trophy Beach Volleyball Tournament to be held at Pandamangalam, Namakkal from 2nd March 2023
- Mr. S. Bharanidharan of III B.Sc CS and Mr. S.R.Nithish of III B.Com IB Got Second Place in Tamilnadu Chief Minister Trophy Beach Volleyball Tournament to be held at Pandamangalam, Namakkal from 2nd March 2023

NATIONAL SERVICE SCHEME (NSS)

- The NSS Unit-2 Volunteers of our Dr.N.G.P. Arts and Science College were participated in this event. Inside the Campus all the Tree, Plant wastages and plastics were cleaned. Totally 50 (Unit II) NSS Volunteers actively participated in Campus Cleaning Activity.
- The orientation was conducted for the NSS volunteers taken by the resource person Dr.R.Annadurai, NSS program coordinator i/c, Bharathiar University . He addressed about the ways in which the NSS volunteers can improve their self development and he also discussed about how to be responsible person in all situation. He also added that the note how to serve the nation effectively. His orientation included the words such as Volunteerism is the key component of the activities undertaken by these volunteers.

While studying, these student volunteers undertake community development activities which help to build their personality as well as develop the belongingness towards the society. Whenever there is a need, the NSS volunteers are coming on their own to serve the nation. Be it the issue of environment enrichment, malnutrition or the issue of natural disaster, these volunteers are becoming the saviors for the victims.

- Awareness on Drug Abuse: Kavalan App Programme was conducted on 20.09.2022 at Seminar Hall-1. Mr.S.Senthil Kumar, Inspector of Police- Peelamedu, Coimbatore was the resource person. 150 NSS Volunteers took part in this event. Especially for the girl NSS volunteers awareness was given about the Kavalan app and its usability.
- Basic Life support programme conducted on 10.09.2022 at Tamil Nadu Agriculture University. Overall Bharathiar University 5000 NSS Volunteers participated in this event. Dr.G.S. Sameeran IAS, District Collector of Coimbatore was the chief guest. Our college 150 NSS Volunteers are took part in this programme.