



## **Dr. N.G.P. ARTS AND SCIENCE COLLEGE**

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

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### **COLLEGE AND SPORTS DAY REPORT**

## Annual Report

2021-22

Good morning to the august gathering, for the 24<sup>th</sup> College Day Celebration on April 28, 2022. A man of discipline and action in nature, our Honorable Chairman of KMCH and Dr. N.G.P. Educational institutions, Dr. Nalla G Palaniswami, a guiding spirit and the motivator behind the success of our institution, beloved Madam Secretary, Dr. Thavamani D. Palaniswami, vibrant Managing Trustee Dr. Arun N Palaniswami, Dr. O.T. Bhuvaneswaran, CEO, Dr. P.R. Muthusamy, Director Academics of Dr. N. G. P. Educational Institutions, Deans, Head of various departments, faculty fraternity and my dear students. I feel delighted in welcoming you all to this 24<sup>th</sup> Annual Day celebration.

Dr. N.G.P. Arts and Science College is an organization of KMCRET which was established in the year 1997 under the leadership of our Chairman Dr. Nalla G. Palaniswami, and Madam Secretary Dr. Thavamani D. Palaniswami. The Institution has begun with four Under Graduate programmes namely B.Sc. Biochemistry, B.Sc. Computer Science, B.Com. and B.B.M. with a student strength of 78 and 9 Faculty members. The institution presently offers 32 UG courses, 16 PG courses and 25 research programmes (M.Phil./Ph.D.). At present, 7507 students are pursuing their graduate, post-graduate and research programme at our campus. We are enriched with dedicated 401 faculty members to guide and motivate the energetic young minds. In addition, we have 75 administrative and technical staff to assist the students with their needs.

The College has been recognized under **2(f)** and **12(B)** by UGC, New Delhi. The University Grants Commission, New Delhi has conferred autonomous status from the Academic year 2015-16. The college was re-accredited by NAAC with **"A" Grade** with CPGA score of 3.17. Our Institution was ranked in national level 59<sup>th</sup> rank, in the year 2021 by National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development (MHRD), New Delhi. It is a proud moment for the fifth **consecutive year** we are in **top 100 ranks** of **NIRF**.

### NEW PROGRAMMES

We paved the foundation in promoting the current trends of Industry Revolution 4.0 during the academic year 2021-22 by offering the industry linked curriculum in the Faculty of Computer Science programme: B.Sc. Computer Science with Artificial Intelligence and Machine Learning, has been started.

## **FEE CONCESSION**

Our Management is very keen in supporting students of economically backward section to bring out their academic and sports excellence by contributing a sum of Rs. 1.63 crores as a fee concession / scholarship during the academic year 2020-21.

The details of fee concession/scholarship are given in ***Annexure I***.

## **NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING (NPTEL)**

The Institution offers **Value Added Courses** with an aim to provide platform for skill oriented technical training and to bridge the skill gaps and mold students industry ready.

Our college has secured 100th position among Top 100 Local Chapter among 4500 local chapter colleges across India. 4 of our staff members and 12 of our students secured the top rank in NPTEL examinations. 4 Staff members have received mentor certificate from NPTEL. NPTEL recognized our college as Best Local Chapter among Arts, Science and Commerce Category during Jan.-December 2021.

On-line courses under NPTEL, Spoken Tutorial, Free MOOC Courses, and SWAYAM are offered to our students through our Center for Virtual Learning. More than 6000 Students and staff members from our college have been benefited as given below.

- 69 Staff members and 1128 students were completed NPTEL Online Exam
- 4654 students registered and Completed Courses in Spoken Tutorial, IIT Bombay
- 293 Staff members completed Free MOOC Examination,
- 6100 Students completed Free MOOC online Exam
- 1954 Students completed Coursera Online Courses

## **EXAMINATION RESULTS**

In the recently held Comprehensive Examinations in November 2021, 92.45% of our PG students and 94.01 % of UG students and in April 2022, 93.56% of our PG students and 91.86 % of UG students have successfully cleared.

## **INTERNATIONAL / NATIONAL CONFERENCES / SEMINARS/ WORKSHOPS**

Organizing Conferences and Seminars explore new ideas and approaches which provide a platform to sharpen the skills. Our college has organized following events during the academic year 2021-22:

- **04** International Conference
- **02** National level Conferences
- **01** International Seminars
- **15** National Seminar

- **1296** Staff/Students Participation & Presentation
- **48** Workshops
- **302** Guest Lectures and Invited lectures
- **65** Inter and Intradepartmental Competitions
- **76** Alumni interactions
- **09** Industry Institution

The details of the above events are given in *Annexure – II, III and IV*.

#### **STUDENTS AND STAFF - PRESENTATION / PARTICIPATION**

- **133** papers were presented in International and National level Conferences, Seminars and Symposiums organized within India
- More than **93 staff members** dynamically **participated and presented** in various International and National level Conferences and Seminars organized within India
- **197** 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:

- **Prof. Dr. V. Rajendran**, Principal underwent Leadership for Academicians program (LEAP) - University of Pennsylvania and Tata Institute of Social Sciences
- **Dr. N. Priyadharsini**, Assistant Professor in Physics underwent Science Academies' Summer Research Fellowship Programme by Indian Science Academy
- **Dr.F.Mary Magdalene Jane**, Dean, Faculty of Computer Science acted as VC Nominee for BoS at Kongunadu Arts and Science College, Coimbatore
- **Dr. R.Kousalya**, Asst. Prof. in Computer Applications, acted as VC Nominee for BoS at STC College, Pollachi
- **Dr.D.Sridevi**, Asst. Prof. in Food Science and Nutrition, acted as BoS member at Vellalar College for Women, Erode and Bharathiar University, Coimbatore
- **Dr. A. Nirmala**, Asst. Prof. in Computer Applications, acted as BoS member at Sri Ramakrishna College of Arts and Science, Coimbatore
- **Dr. C. Kumuthini**, Asst. Prof. in Computer Applications acted as BoS member at Sri Vidhyamandhri Arts and Science, Uthankarai
- **Dr.R.RajeshKanna**, Prof. and Head. in Information Technology, acted as BoS member at Mahendra Arts and Science College, Salem
- **Dr.F.Mary Magdalene Jane**, Dean, Faculty of Computer Science acted as BoS member at Gobi Arts and Science College, Gobi

- **Dr. K. Selvi**, Prof. in Tamil, acted as BoS member at Rathinam College of Arts and Science, and Bharathiar University, Coimbatore

The details of the above activities are given in **Annexure – V**.

## **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**

**55** proposals were submitted to various funding agencies by students and staff during the academic year **2021-22**

**Four students from Department of Biochemistry, Physics and Chemistry received Rs. 7,500/project from Tamil Nadu State Council for Science and Technology (TNSCST)**

1. Ms. Annie Cinderlla R, Dr.K Rajathi, Professor, Dept. of Biochemistry, received Rs.7500/project titled 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.
  2. Ms. Balaswathi. B, Ms. Viveka.C, Ms. Harini. S, Prof. A. Saravanapriya Asst. Pofessor Dept. of Physics, received Rs.7500/project titled Production of Biogas from Biodegradable Waste.
  3. Mr. Munishkumar. S, Prof. P. Kavitha Asst. Professor Dept. of Chemistry, received Rs.7500/project titled Tailoring the TPA towards the development of DSSC for photovoltaic energy conversation (PS-259)
  4. Ms. Rajapriya. D, Dr. K. Rajathi Professor Dept. of Biochemistry, received Rs.7500/project titled Design and implementation of IoT technology in Vehicle for accident detection and emergency vehicle tracking (EEE- 0766)
- Ms. Mukintha Priyadarshini S, Ph.D. Full Time Research Scholar in English received fellowship from National Fellowship for Persons with Disabilities (NFPwD) of Rs.45,960/month

The details of the above projects are given in *Annexure – VI*.

## **DBT – STAR SCHEME**

**The Ministry of Science and Technology (DST)** through the Department of Biotechnology has identified our college as one of the DBT- STAR Colleges with a grant - in – aid of a sum of Rs. Eighty lakhs for a period of 3 years. The department of Microbiology, Biochemistry, Biotechnology and Food Science and Nutrition are the participating departments in the above programme. The above scheme aims to promote basic science, graduate research and new learning mechanism. **Dr. S. S. Sudha**, is the overall programme Co-ordinator, **Prof. S. Senthil Prabhu**, **Dr. Indhumathi**, **Dr. Poongothai**, and **Dr. Uma Maheswari** are the respective department Co-ordinators.

## **CLUSTER OF DBT STAR SCHEME COLLEGES**

First of its kind in India, under the DBT- STAR Scheme, the cluster of DBT star scheme college is formed to promote the UG research, products, innovations and B2B by organizing National Conference on Graduate Research, known as NCGR-19.

Activities organized through DBT STAR Scheme are as follows:

- 1** International level Conferences
- 16** Workshops
- 51** Guest Lectures and Invited lectures
- 14** Inter and Intradepartmental Competitions
- 6** Alumni interactions
- 1** Student Development Programme
- 20** Faculty Development Programme
- 13** Extension Activities

## **RESEARCH PAPER PUBLICATIONS**

More than **230** papers and **44 Books** were **published** by our **Staff Members** in various refereed National / International Peer reviewed reputed journals.

## **BOOK PUBLICATIONS**

- Dr.K.Sankar published a book titled Oh! My Child on April 2021 with ISSN 9788391516093
- Dr.K.Sankar, published a book titled Mirage on July 2021 with ISSN 9788194916024
- Dr.T.Vasumathi, Asst. Professor in Department of International Business published a book chapter on International Finance 2022 with ISBN : 978-93- 94002-08-1
- Dr. R. Vithya Prabha, Professor in English, published a book chapter titled Flipped Classroom: A Transformation in Language Learning on March 2022 with ISBN 978-93-93737-85-4

- Dr.S.Sudha, Asst. Professor in English, published a book chapter titled Social Media: An Effective Tool for Students' Learning Process on March 2022 with ISBN 978-93-93737-85-4
- Dr.K.Nagalakshmi, Asst. Professor in English, published a book chapter titled Transformation in Age: Social Media as a Comrade in Teaching and Learning on March 2022 with ISBN 978-93-93737-85-4
- Dr.Kanchana.C.M, Asst. Professor in English, published a book chapter titled Social Media a Positive Ascendancy in Education System on March 2022 with ISBN 978-93-93737-85-4

## **AWARDS, PRIZES AND RECOGNITIONS**

- **Dr.V.Rajendran**, Principal, has been awarded with top 2% Scientists in the field of Materials Science, Stanford University, USA and Elsevier BV

## **AWARD OF Ph.D.**

**20 Ph.D. and 11 M.Phil. Scholars** have been awarded during the academic year 2021-22.

The details of the above events are given in *Annexure – VIII*.

## **EXTENSION ACTIVITIES**

Through the able guidance of our staff, our students extended Community and Health services for the benefit of the society.

The details of the above events are given in *Annexure – IX*.

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
- **647 students** were placed in the year 2021-22 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

The details of the above achievements are given in ***Annexure – X***.

## **CLUB ACTIVITIES**

**29 clubs** are functioning in different categories namely **Academic, Research and Development and Extracurricular** to develop the students' character and team building.

The active participation is encouraged by means of conducting various competitions.

The details of the various activities of all clubs are given in ***Annexure – XI***.

## **NATIONAL SERVICE SCHEME (NSS)**

The National Service Scheme of our college has been offering a great service to the society. We have 3 units headed by Mr. N. Krishnaraj, Ms.R.Reena Rani and Mr.B.Narasimhan. Our college has 300 NSS volunteers who were participated in various community services. Traffic is regulated in front of our college. The Special Camp was held at Veerampalayam, Karuparayanpalayam, Kaikolampalayam villages for 7 days with 150 volunteers. Our Volunteers involved in various activities like cleaning, blood donation camp, creating awareness, went on a Rally to VOC ground for the awareness on breast feeding and a rally for plastic awareness, Swachhata Hi seva, Mass tree plantation, Pool cleaning. Joining with Eco, NSS students involved in Organic farming and also our NSS volunteers participate and represent the institution in State and National Level camp.

- College Level National Republic Day Parade Camp 2022 Selection was held on 29th September 2021. Out of 4 volunteer 2 was selected
- University Level National Republic Day Parade Camp 2022 Selection was held in Bharathiar University on 01st October 2021 and Shri R Gokula Krishnan directed the parade. Out of 200 volunteers 2 were selected from our college
- Our NSS Volunteers Ms.K.Udhayapriya, B.Com. Cost Accounting and R.Raghul, BCA were selected to attend the Pre Republic Day Parade Camp held at GKVK Agricultural University, Bangalore from 22.10.2020 to 31.10.2020



- College Level National Integration Camp 2021 Selection was held on December 7, 2021. Out of 3 volunteer 2 was selected
- University Level National Integration Camp 2021 Selection was held on December 9, 2021. Out of 3 volunteer 2 were selected
- Our NSS Volunteers Mr.C.Kirubakaran, B.Com. and Ms.S.Shwetha, B.Sc. Mathematics were selected to attend the National Integration Camp 2021 held at Sri Ramakrishna College of Arts and Science College, Coimbatore from 14.12.2021 to 20.12.2021
- Our NSS Volunteers have taken part in the Azadi Ka Amrit Mahotsav Initiative of Government of India to celebrate and commemorate 75 Years of Independence held at Codissia Auditorium on 31.12.2021
- Our college 70 NSS Volunteers have Planted Saplings on World Environment Day on 31.03.2022 at Neelambur
- Our college NSS Volunteers and KMCH College of Nursing have conducted a programme on Effects of using Drugs and Alcoholic Products on our Daily Life, K.S. Nagarajan and Dhandapani were the chief guest for the event
- Our College Rotract Club, Student Council, Red Ribbon Club, Blood Donors Cell and National Service Scheme in association with Rotary Club of Coimbatore Meridian and Indian Medical Association, Coimbatore have organized a Blood Donation Camp on 21.04.2022 at NGP Conference Center

The details of the above events are given in ***Annexure – XII.***

During the academic year 2021-2022, 32 sports quota seats have been granted with 100% free education and accommodation for the categories like Basketball men, Volleyball men, Hockey men, Kabaddi men, and Athletics Men & Women. The contribution of the Management towards sports is Rs. 86 lakhs. In total 90 sports students are pursuing studies in the college.

This kind of support has enabled us to achieve more at university level & National level tournaments. We proudly say that,

- Our eminent men Athletes team has secured overall Champion in Bharathiar University inter-collegiate Athletic Championship held at Nehru Stadium, Coimbatore
- Kabaddi Men team has Secured Winner Position in Bharathiar University inter-collegiate Kabaddi men tournament at KPR Arts and Science College, Coimbatore
- Cross Country men team has secured overall Champion in Bharathiar University inter-collegiate Cross-country Championship held at Gobi Arts & Science College, Gobichettipalayam

- Volleyball Men team has secured Runner Position in Bharathiar University inter-collegiate Volleyball Tournament held at STC Pollachi
- Our college has won Third Place in Bharathiar University inter-collegiate tournaments of chess men, and Hockey men beyond the territory of Bharathiar University
- Apart from the team events notably and individually Mr. T.Jeevan Kumar I M.Sc. CS and C.Arun Kumar III B.B.A. CA has received Silver Medal in the event of 4x100m Relay in All India Inter University Athletic Meet held at Rajiv Gandhi University of Health Science, Mangalore
- Mr. G. Dhanush Adithan of II B.Com. B&I got 6<sup>th</sup> Place in 110m Hurdle and Mr. P.Gowtham of III B.Com BPS got 8<sup>th</sup> Place in Polevault in All India Inter University Athletic Meet held at Rajiv Gandhi University of Health Science, Mangalore
- Mr. C.Arun Kumar of III B.B.A. CA, Mr. G. Dhanush Adithan of II B.Com B & I and G.Ranjane II M.Com. have Participated in First National Under 23 Seniors Athletics Championship held at JLN Stadium, New Delhi
- Mr. S. Baranitharan of II B.Sc. CS got Winner position in 47<sup>th</sup> Junior National Volleyball Championship held at West Bengal-Kolkata
- Mr. S. Baranitharan of II B.Sc. CS got Silver Medal in 23<sup>rd</sup> Youth Nationals Volleyball Championship held at Rudrapur, Uttarakhand
- Ms.J.Elakeya II M.Com. IB got Bronze Medal in National Level Power lifting Championship held at Alappuzha, Kerala
- Mr. Rukala Naseer of I B.Com. IB has participated in 23<sup>rd</sup> Youth Nationals Volleyball Championship held at Rudrapur, Uttarakhand
- Mr. T.Abhishek Roy of II B.C.A and T.Jagadeesh Rao of I M.Com. IB have participated in 70<sup>th</sup> Senior National Volleyball Championship 2022 held at Bhubaneswar, Odisha
- Mr. T.A.Santhosh Raj of II B.Sc. CS DA and Mr.P. Dharaneesh of II B.Sc. CS D&A have Participated in First Junior Men Hockey India Academy Nationals Championship held at Bhopal, Madhya Pradesh
- Mr. I.Shyam of I B.Com. BPS & S.Sudalai Kannu of I B.Com BPS have participated in 2nd Hockey India Junior Men Academic National Championship held at Jamshedpur, Jharkhand
- Mr. T. Jeevan Kumar of I M.Sc. CS, Mr. C. Arun Kumar of III B.B.A. CA, Mr. P. Gowtham of III B.Com. BPS, and Mr. G. Dhanush Adithan of II B.Com. B&I have represented Khelo India University Games 2022 commences in Bengaluru

- Our NGPIans have marked the name of Dr. N.G.P. at All India Inter University levels in various games are as follows.
- Mr. T. Jeevan Kumar of I M.Sc. CS, Mr. C. Arun Kumar of III BBA CA, Mr. P. Gowtham of III B.Com. BPS, Mr. G. Dhanush Adithan of II B.Com. B&I and Mr. S. Balan B.Com. Finance have represented in the All India Inter University Athletics Meet to be held at Mangalore University Alva's College Moodubidri
- Mr. M. Deepak Kumar of I M.Sc. Physics, Mr. A. Rajesh of III B.C.A, Mr. S. Arun Kumar of III B.A. English Literature and Mr. P.S. Kavin Kumar of II B.Com. Finance have represented in the South Zone Inter University Hockey tournament to be held at Bangalore University Bangalore
- Mr.S. Kirubakaran of I M.Com. IB, Mr.D.Gokul III B.Com. CS CA and Mr.P.Jeba Kumar II B.Com. BPS have participated in All India Inter University Cross Country Competition held at Mangalore University
- Mr.J.Ashwinkumar of II M.Com. IB and Mr.R.Narayanamoorthi of III BBA CA have represented in the South Zone Inter University volleyball tournament held at SRM University Chennai
- Mr.K.Esakki Raja of I M.Com. IB, and Mr.A.Prakash of II B.Com. Finance have represented in the South Zone Inter University Kabaddi tournament held at Bharathidasan University Trichy
- Mr. D. KATHIRAVAN of III B.Com. A&T have represented in the South Zone Inter University Basketball tournament held at Christ University Bangalore

Students' participation in various State Level games is as follows:

- Mr.S. Kirubakaran of I M.Com. IB got gold medal in Steeple Chase, Mr.D.Gokul of III B.Com. CS CA got Bronze Medal in 10000mts and S.Sowmiya of II B.B.A. CA got gold Medal in 10000mts. Represent 93rd Tamil Nadu state Senior athletics championship held at Jawaharlal Nehru Stadium, Chennai
- Mr.R. RohittDharsan of I B.Com. CS CA got Bronze Medal in Archery in 14<sup>th</sup> Tamil Nadu State Archery Championship 2021 held at MGR Janaki Women College, Chennai
- Volleyball Men Team has secured Third Place in State Level Volleyball Championship held at Mayiladuthurai
- Kabaddi Men Team has secured Fourth Place in State Level Kabaddi Tournament held at Tirupur
- Ms.S.Sowmiya of II B.B.A (CA) got First Place in State Level Muthu Marathon held at Konganapuram, Salem

- Our College Sports Day Celebration was held on 21st April 2022. The Overall Group Championship goes to Ruby House with 120 Points and Individual Championship for Men goes to Mr.P.Amarnath III B.C.A. of Sapphire House and Individual Championship for Women goes to Ms. A.V. Ashva, II B.Com. IT of Diamond House
- Mr.Thanasing, Director of Physical Education was appointed as Selection Committee Member to Select Members for the Bharathiar University Volleyball Men team to represent South Zone Inter University volleyball Tournament

The total NGP Family feels proud for the wonderful Victories by our sports players.

**I, as a Team leader,** convey my gratefulness to our visionary Management for providing the excellent infrastructure facilities, the state-of-art laboratories, and congenial atmosphere to provide quality higher education in the Cotton city, and my beloved colleagues and students for their untiring team work which has brought so many laurels to our Dr.NGP ASC.

We pray to the supreme power to grant greater heights to our Institution in the years to come.

**Thank You!**