

BEST PRACTICES



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

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu and Re-accredited by NAAC with 'A' Grade

DST – FIST | DBT – Star College Scheme

Dr. N.G.P.-Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India.

Website: www.drngpasc.ac.in | Email: drngparts@kmch.ac.in | Phone: +91 - 422 - 2369100

NATIONAL RECOGNITIONS IN 2019

Govt. of India Ranking



National Institutional Ranking Framework



National Programme on Technology Enhanced Learning



Atal Ranking of Institutions on Innovation Achievements



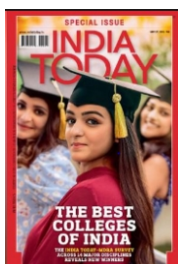
Dr. Kalam Educational Trust for Tribal



Best Academic Institute



Media Ranking



Emerging colleges



City Wise



Commerce Stream



Science Stream



Arts Stream



BEST PRACTICES

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PREFACE

In present milieu it is highly challenge to impart good and quality education accordingly there is needed intended pattern and collective practice in enhancing educational policies. Owing to the growth and advancement of technologies and prerequisites of the job market, it is inevitable to set up novel practices which have to constitute in fulfilling the students' future demands. Recognizing the need of the hour and becoming an excellent academia, Dr. N.G. P Arts and Science College initiates holistic approaches in teaching and learning process and this book gives in a nutshell about the best practices of the college. In tune to excelling ideal thoughts in the young minds, our college lays down forty three best and innovative practices with the cooperation of the dynamic faculty members, each of the practice is constructed with individual objectives and goals which certainly show multivalent platforms to the student community in the offing years.

Principal

COURSES OFFERED

Faculty of Basic and Applied Sciences

B.Sc. Physics
B.Sc. Chemistry
B.Sc. Mathematics
B.Sc. Mathematics (CA)
B.Sc. Catering Science and Hotel Management
B.Sc. Costume Design and Fashion
M.Sc. Physics
M.Sc. Medical Physics
M.Sc. Mathematics

Faculty of Computer Science

B.Sc. Computer Science
B.C.A.
B.Sc. Computer Technology
B.Sc. Information Technology
B.Sc. Computer Science with Data Analytics
M.Sc. Computer Science
M.Sc. Information Technology
M.Sc. Computer Science with Data Analytics

Faculty of Management

B.B.A. (CA)
M.H.A (Master of Hospital Administration)

Faculty of Humanities

B.A. English Literature
M.A. English Literature

Research Programmes

M.Phil. & Ph.D. Mathematics
M.Phil. & Ph.D. Biochemistry
M.Phil. & Ph.D. Biotechnology
M.Phil. & Ph.D. Microbiology
M.Phil. & Ph.D. Food and Nutrition
M.Phil. & Ph.D. Computer Science
M.Phil. & Ph.D. Corporate Secretaryship
M.Phil. & Ph.D. Commerce
M.Phil. & Ph.D. Management Studies
M.Phil. Hospital Administration
M.Phil. & Ph.D. Tamil
M.Phil. & Ph.D. English

Certificate Courses

Communicative English
MS - Office
Oracle
Bakery & Confectionery
Embroidery

Faculty of Bio Sciences

B.Sc. Biochemistry
B.Sc. Clinical Laboratory Technology
B.Sc. Biotechnology
B.Sc. Microbiology
B.Sc. Food Science and Nutrition
M.Sc. Biochemistry
M.Sc. Biotechnology
M.Sc. Microbiology
M.Sc. Food and Nutrition
M.Sc. Chemistry

Faculty of Commerce

B.Com.
B.Com. Computer Applications
B.Com. Corporate Secretaryship (CA)
B.Com. Information Technology
B.Com. Professional Accounting
B.Com. Finance
B.Com. Banking and Insurance
B.Com. Business Process Services (BPS)
B.Com. Business Analytics
B.Com. International Business (IB)
B.Com. Account & Taxation
M.Com.
M.Com Computer Applications
M.Com. Corporate Secretaryship
M.Com. International Business (MIB)

PG Diploma Courses

Clinical Laboratory Technology
Clinical Research and Data Management
Bioinformatics
Hospital and Health Care Management
Imaging Technology

Diploma Courses

Office Administration
Hospital Records Management
Food Safety & Quality Control
Cyber Security
Web Designing
Logistics Management
Data Science

The main purpose of Education is to bring out creativeness, competence, and independency of the students and make them to incorporate constantly changing conditions of life. The Vision of Dr. N.G.P. Arts and Science College is to provide value based education. The Institute works towards enhancing the individuals with appropriate attitude, capability and temperament to serve the needs of the society. We strive to achieve this by implementing “**Best Practices**” that will have a meaningful impact on students.



BEST PRACTICES

Coordinators

Respective Deans



Dr. N.G.P
ARTS AND SCIENCE COLLEGE



GREEN INITIATIVES



E - WASTE CONSERVATION

Using electronic articles in the technological world become inevitable, which put the entire eco-system in chaos and disturb the equilibrium between living and non living entities. An e-waste conservation system is established to keep the campus free from e-waste. To maintain the campus neat and clean, e-waste is managed in a hygienic and eco-friendly manner. The collected e-waste is safely disposed and recycled for sustaining the campus surroundings with sanitation.



RAIN WATER HARVESTING

“Little drops make mighty ocean,” similarly Dr.N.G.P. ASC implements several schemes to preserve rain water in the campus. Globally all the countries begin to recognize the realistic worth of rain water harvest. Since the water scarcity is one of the menacing issues in today's world, understanding it, a structure for saving even a drop of rain water is formed to conserve water resource and accentuates the importance of rain water harvesting among students.



E-SERVICE

In the era of science and technology, E- Service is one of the creeping up services rendered through online in all the sectors. Nowadays most of the things have been done through E devices like specific online application and software. Likewise, in our college the staff and students' attendance, application for leave and admission, fee payment, circulars etc are served through E- Service. Rather to the manual methods E-service makes the work easy as time saving, instant access, less man power and cost, shift process and eco-friendly.



PLANTATION

“A single seed can generate a tree but a tree can yield thousands of seeds,” the plantation seems a simple deed but it will create a greater change in the equilibrium of environment. Dr. N.G.P. Arts and Science College campus comprises of around innumerable trees and plants like medicinal and aromatic flowering. On World Environment Day about 500 saplings are donated to the staff members and students to encourage plantation.



GREEN CAMPUS

Nowadays it is a proclamation that trees and plants are vandalized due to urbanization and globalization. It is the hour to understand how the earth can be saved from its gradual ruination. Corresponding to the issues, Dr. N.G.P. ASC sets off a plan to maintain its campus very clean and green and the students get guided to implicate the awareness in the society.



RESEARCH AS A CAREER



LAB ON PROJECTS

Undergraduate students of all scientific and lab oriented departments are permitted to utilize the lab and to conduct research on their respective domains. And, the students will be assisted and guided by their concerned department faculty members and carry out their projects under their supervision. This kind of exercise certainly kindles the students to for further projects, or they will be given job opportunities, or it helps for their higher studies.



SUMMER INTERNSHIP

To elevate the quality of education and enhance students' competency, every year a summer internship programme is conducted with the objectives of promoting their aptitude and career as well. It also endows an opportunity to gain industrial experiences which familiarize them to learn about a particular organization and its regulations.



INCUBATION

An approach is initiated to inculcate the entrepreneurship skills among students. To facilitate the emergence of new market-led and knowledge-based requirements in the local and global arena, a strategic link is established between the student and the industry. The Incubation practice feeds the students with novel ideas, concepts and nuanced cognition and in relevant to this, Dr. N.G.P. ASC takes initiation in bringing the stakeholders from various organizations, and industries to impart knowledge on entrepreneurship.



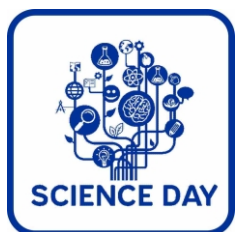
SEED MONEY

In the present epoch, research is imperative in all the fields, it paves a way to find things in distinct perspective. To indoctrinate research skills in the young minds as well as the teachers, a set of policies is followed in Dr. N.G. P. ASC. It facilitates to initiate planning to start-up funding research in thrust areas and carry out need based projects.



GRADUATE RESEARCH

Research is a systematic investigation of a subject to bring out new facts and ideas for the existing issues. It helps the undergraduate students to expand their academic knowledge, profound understanding of their subject and build professional values while being with the lettered faculties in the campus. The research experience enhances their resume and paves way for the publication of their articles that produce a greater recognition in their endeavour.



SCIENCE DAY CELEBRATION

Every year the National Science Day is celebrated in commemoration of the discovery of the Raman effect by Indian physicist Sir C.V. Raman at Dr. N.G.P. ASC. On the same day workshops and symposiums have been conducted in significant to the current scenario, and various competitions also are held to motivate the juvenile in bringing their knowledge into practical. Prizes and awards are given to the achievers during the celebration and further this event employs as an eye opener to create awareness among the students



PROJECT EXHIBITION

Creative thinking and innovation are vital to overcome challenges and find new opportunities. At Dr. N.G. P. ASC, a system is followed to endorse creative thinking and insight for innovation among students. Students are encouraged to do projects in their respective subjects and an exhibition is conducted to display their talents for people's perusal. It facilitates the tenderfoot students to enhance their research acquaintance in a creative manner.



INDUSTRY INSTITUTION CONNECT

Young students have the inevitable power of doing things with great courage and they look out to become their own bosses and aspire to invent new things. It is the responsibility of the education system to motivate young aspirants to become entrepreneurs. Interaction between Institutions and Industries will provide closer links with industries and student to identify new opportunities and solve problems. The practice is organized with an objective to promote entrepreneur skill and lateral thinking among the students.



INITIATIVES FOR STUDENT HOLISTIC DEVELOPMENT



VALUE EDUCATION

The vision of the college is to provide value education and character building. At Dr. N.G.P. ASC, a holistic development of the students is fostered through the centre for value education. The cell organizes various programmes and events to promote life skills and the sense of the self and further it aims to transform them into a new type of being to bring forth harmonious evolutionary order on the earth. It further establishes integral yoga for the well being of human welfare.



ENGLISH PROFICIENCY TEST

As English is a global language it is inevitable part of our day to day life and business. Bringing a better aggrandizement for the betterment of the students, our college has made many avenues for imparting and enhancing students' communicative competency in English through the programs like BEC (in association with British Council). By this practice students are trained to meet the requirements for their higher studies and job markets nationally and internationally as well. With this effort most of the students are able to come across their communication barriers and get placed in various companies during campus interviews.



APTITUDE TEST & TECHNICAL QUIZ

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ACTIVITY BASED LEARNING

The learning process takes place practically and innovatively via nuance activities rather than the classroom teaching and learning. It gives a holistic approach to students' scholastic knowledge in relevant to the curriculum. The students themselves find their own way of learning and identifying the resources and are able to come out with creative thoughts which result them clear understanding of the subject. Besides it possibly builds their self learning characteristics.



GROUP DISCUSSION

An intellectual forum is launched for studious students to exchange their ideas and views with other students. This debating forum assists the students to identify their latent potentialities by measuring their listening abilities, cognition and communication skills. GD usually aims to inculcate the individual participation, decision making, leadership ability, problem solving, time management and smart work. It also provides an opportunity to strengthen their merits and recognize their weaknesses to reinforce them as well.



DIGITAL LEARNING

Digital learning is a type of learning which is imparted through the advancement of technology and instrumental practices. It aims to create a wide range of learning exposure with less cost and more convenient to the learners. Students are encouraged to do online certificate courses through NPTEL, SWAYAM, MOOC etc. and digital learning educates and imparts advanced knowledge and subjects skills in certain domains.



INDUSTRY LINKED PROGRAMMES

The aim of Dr. N.G.P. ASC curricula is to provide outcome based education. To promote and incorporate the same, lot of efforts have been taken to impart industry based skills and knowledge through additional courses. This practice ensures placements and moreover students get huge employment chances. The ILP connects the students with good companies, and they are able to know real value of their education pursuing from our institution



JOB ORIENTED VOCATIONAL COURSES

According to the present arena and prerequisite Dr. N.G.P. ASC evolves to design number of value added programmes which doubtlessly create avenues to job opportunities in the job market. The graduates of our college certainly get placed in different industries soon after the completion of their degrees. In promotion to this practice periodically skill development and job oriented symposiums and workshops are conducted.



STUDENT CLUBS

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INDUSTRY INSTITUTE PARTNERSHIP CELL

According to the present arena and prerequisite Dr. N.G.P. ASC evolves to design number of value added programmes which doubtlessly create avenues to job opportunities in the job market. The graduates of our college certainly get placed in different industries soon after the completion of their degrees. In promotion to this practice periodically skill development and job oriented symposiums and workshops are conducted.



E-LEARNING INITIATIVES

E learning is used to improve the efficiency and effectiveness of educational interventions in the face of the social, scientific, and pedagogical challenges. This cell assists students to identify and enroll in various MOOC offered by NPTEL, SWAYAM, SPOKEN TUTORIAL etc., The cell also assists in implementation of ICT enabled learning at our Institution.



ENTREPREUNERIAL SKILL DEVELOPMENT

Entrepreneurship is 'an individual's ability to turn ideas into action. It is seen as vital to promoting innovation, competitiveness and economic growth. EDC of our College aims at fostering entrepreneurial spirit in students. The Cell organizes various workshops and training programmes to promote creativity, innovation and risk-taking, as well as the ability to plan and manage projects in students.



EARN WHILE LEARN

Dr. N.G.P. ASC, a temple for learning and earning furnishes abundant opportunities for students. Under this scheme, the students are motivated to engage themselves in various part-time jobs and apart from earning money it aids them to enhance their employability skills. This practice inculcates responsibilities in students and also helps them to acquire experiences which build up their confidence and are able to estimate the real demands, necessities, and the value of the programme in the job market.



STUDENT CLUBS

It is about enriching one's thoughts, feelings, behaviours, and attitudes which make difference among the individuals. The importance of holistic development of students is taken care to transform an ordinary into a special or skilled person. In Dr. NGP ASC., there are various clubs functioning to provide the students a platform to identify their personal skills.



MENTORING

Mentoring is a professional relationship in which the mentor assists the mentoree in developing his/her specific skills and knowledge that will enhance the average or below average students into required level. A mentoree can get lots of sharing and guidance from their mentor and also feels safe learning environment, which are ensured in Dr. N.G.P. ASC. This practice also develops a sharper focus on each and every student, what is needed to impart them for their betterment academically within the campus.



FEED BACK

A three tier feedback system is followed as principal with students, students' feedback about staff, and IQAC integral system. The students can leave their feedback in the suggestion box and they can post their feedback about staff in a specific portal link in the college website. In tune to renovate the teaching and learning process, a kind of multifaceted feedback system is followed to collect information about the staff members. Subsequently the collected feedbacks are shared with the staff members for reflective teaching and enhancing better teaching and learning process as well.



PRINCIPAL – STUDENT INTERACTION

Facilitating, improving, and promoting the academic progress of students is the primary motto of our Institution. With the aim of strengthening the Teaching-Learning environment and to provide best possible facilities and modern infrastructure, Principal communicates directly to students to understand their Academic needs. The meeting is scheduled twice in a semester, the feedback received from students is discussed with Staff members and the execution of measures to address the issues addressed by the students is closely monitored.



I CAN CLUB

As the tendency of human being differs from one person to another, the students' understanding level varies from student to student. To bridge the gap among students and to paralyze as well, a special care and tutoring is being observed to lift up slow learners to achieve distinction as well as self-esteem. Upgrading the aptitude and skill of the students assists them to recognize their potentialities and skillfully compete with other contenders



I CON CLUB

As knowledge begets wisdom, reinforcing the ability of skilled persons empowers them to excel in their field of study. With the objective of elevating outstanding students to step into next phase, a diligent stage is offered for intellectual students to fortify their talents in tune to the present competitive world. Bringing out the excellences of the bright learners, there are distinct practices are provided through placement and training cell to make their dreams true.



PLACEMENT & TRAINING

The placement & training cell has been functioning for the past ten years in Dr. N.G.P. ASC and it aims to achieve 100% placement. The cell offers a wide range of exposure like language competency, soft skills, life skills etc. to certain students those really show their zeal in their education. Through placement and training cell every year in a big way, the trained students get placed in reputed organization as Deloitte, HCL, Wipro Aspire, etc.



DR. N.G.P ACADEMY FOR COMPETITIVE EXAMINATIONS

Education by edifying the character of students endows a platform that incites them to survive themselves and to fulfill their needs. To enhance the job opportunities and fit students with their goals, Dr.N.G.P. ASC has established a cell with the scope of training young aspirants to accomplish their dreams. By identifying the interested students, this cell proficiently coaches them for both central and state governments' job opportunities.



ACADEMIC CAREER DEVELOPMENT CELL

The academic development of students underpins their career in every aspect and builds up them with universal standards. Having recognized it, Dr.N.G.P. ASC has separately launched a section named Academic Career Development Cell to uphold the quality of education and the career of students. It mainly focuses on the expansion of their skills and extensively enhances the personalities of students.



FRIDAY ASSEMBLY

Unity always lies in a simple gathering. In Dr. N.G.P. ASC, a general assembly is conducted on every Friday to disseminate discipline and develop a sense of patriotism. A common dress code is followed to inculcate unity among the students. This assembly creates awareness among students about the events conducted by various departments to participate and explore inter disciplinary expertise. During the assembly lots of practices like news reading, making announcements, specialty of the day, thought of the day etc. are given to students. To motivate the student community the students who achieved in academic, sports, and other activities held in and out of the college limit are honored and awarded in the assembly.



SOCIETAL RESPONSIBILITIES



VILLAGE ADOPTION

Village adoption is a programme conceptualized and being implemented by Dr. N.G. P. ASC with a view to sensitize and educate students about the problems and practices of the rural community. The aim of the programme is to help the village people by conducting medical camps, awareness programmes, and educating the children in the adopted villages. The institution adopted five villages and periodically facilitates their social needs.



OUTREACH PROGRAMME

Outreach Programme is an activity apart from the academic syllabus, which really makes a platform to learn about the practicality of life. This programme brings students' involvement and makes them to render their services to the society. By extending a kind of service the students are able to be aware of the pragmatism which is about what actually they are learning. Moreover, this practice furnishes a wide range of exposure to the students.



RECOGNITION OF STAFF AND STUDENTS



AWARD

In Dr. N.G.P. ASC the staff and students are awarded based on their individual academic performance in teaching and classroom activities subsequently they shall be honored, moreover the staff also are selected for the award/s based on their research activity in their particular domain. Apart from this, the students also are awarded based on their academic achievements. These really motivate both the staff and students to excel in their responsibilities.



ACHIEVERS DAY

Acknowledging the endeavours of achiever makes their adventurous voyage eternal. Having limpid understanding in felicitating the achievers, every year Dr. N.G.P. ASC celebrates 'Achievers Day' in a manner of honouring and eulogizing the accomplishment done by both staffs and students. This event of appreciating achievers with mementos encourages them to participate actively in their academic activities.



SKILL ENHANCEMENT



FACULTY DEVELOPMENT PROGRAMME

Faculty Development Program is organized at our College for improving the knowledge and skills of the faculty, so that they can share the knowledge with students, and improve the teaching experience. Seven day Faculty development programs are organized by inviting top heads from various fields to enlighten our faculty to manage multiple roles and new responsibilities, integrating technology into teaching, learning, and research Leadership and management proficiency.



FACULTY INDUSTRIAL VISIT

A good academia always concerns about the wellbeing and upliftment of its faculty and students. The faculty industrial visit enriches and equips the faculties with practical knowledge which makes them to learn more about their subject matters. When teachers become expertise in their subjects, they can impart and guide their students with proper skills. This practice helps to elevate the students' academic excellence in different perspectives.