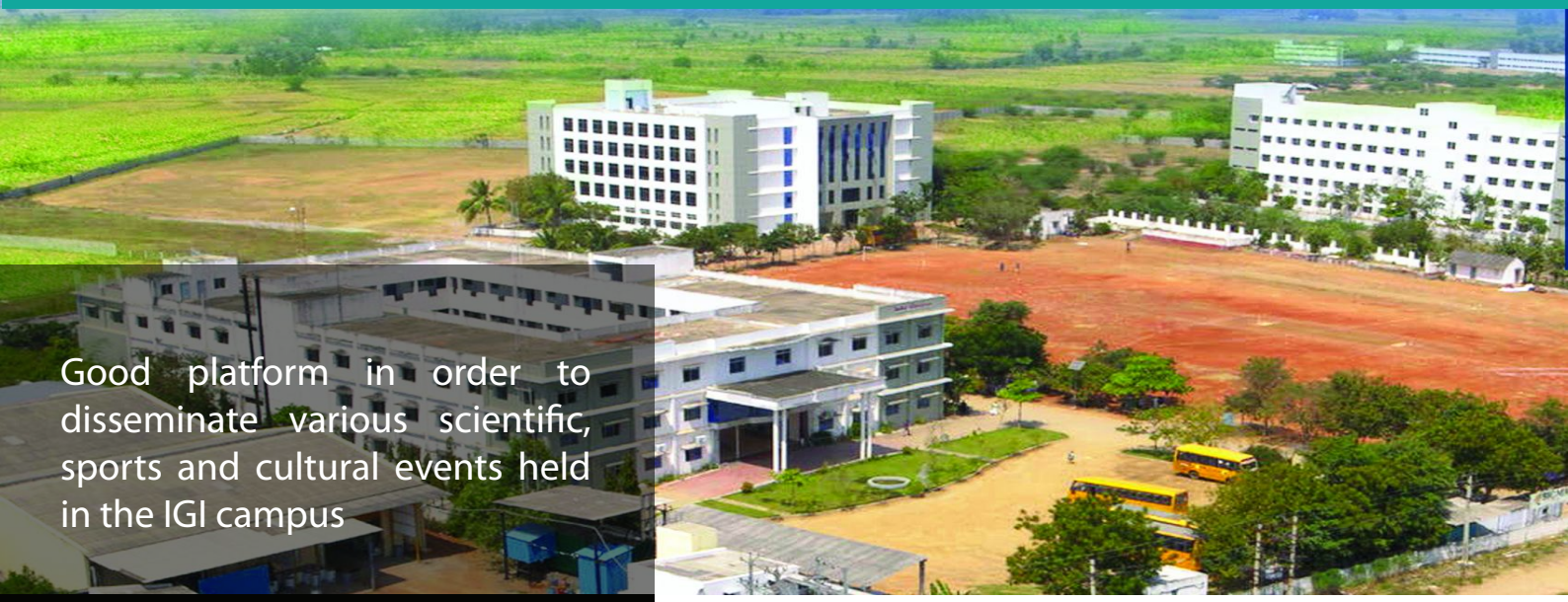
Indra Ganesan
INSTITUTIONS
IG Valley, Manikandam, Tiruchirappalli - 620 012

ignition
an official newsletter of Indra Ganesan Institutions

VOLUME : 1 | ISSUE : 1 | 2022



Good platform in order to disseminate various scientific, sports and cultural events held in the IGI campus

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Message from Secretary

It is heartening to note that Indra Ganesan Institutions (comprising of various streams such as Engineering, Education, Arts & Science, Physiotherapy, Nursing, Pharmacy, BNYS Siddha and Health Inspector) is bringing up an 'Institution Newsletter' in an elegant and a meaningful manner. The newsletter is named as 'IGNITION' which is splendidly coined from the letters of the statement: 'Indra Ganesan Newsletter – Introspection'.

Let me congratulate the 'Editorial Team' of the Institutions Newsletter for illustrating various events happened in the premises of the Institution in unique manners. I also appreciate the Principals and the faculty members of all the streams of IGI for organizing the events mentioned in the newsletter.

I trust that the Newsletter would be a good platform in order to disseminate various scientific, sports and cultural events held in the IGI campus and as well outside campus to the students, staff members of the IGI and as well to public in a broader perspective.

Best wishes to the task force of the Newsletter and as well stakeholders of the Institutions for successfully releasing the Newsletter on time and as well to continue the task forever.

Er. G. Rajasekaran



Message from Director

I am delighted to know that the Indra Ganesan Institutions is releasing a Newsletter to uniquely spread the resplendence of various streams of the IGI. The newsletter has come up with state-of-art design along with scientific merits.

The newsletter lists out various events conducted by different streams of the IGI either in campus or out campus in a systematic manner. Meantime, due to page limitations, a few selected events only from the list have been figuratively illustrated and contents of the events have been concisely described as well. Trust that the newsletter is going to be very informative and as well a memory book of exciting moments of various events.

The newsletter is now scheduled as quarterly publication and new issues of each volume will be available in the second week of January, April, July and October months. The E-Newsletter is also made freely available and as well accessible to the public through the IGI website: https://indraganesaninstitutions.com/ On this occasion, I extend my heartiest greetings to the 'Editorial Team' of the newsletter and as well the Principals, Staff members & IGians for their efforts and contributions in one way or other to the newsletter and wish them all success in their future endeavors.

Dr. G. Balakrishnan

Profile of IGI



Shri. T. Ganesan
Founder & Chairman

Indra Ganesan Educational & Charitable Trust is established in the year of 2004 under the aegis of the Chairman Shri. T. Ganesan. The Trust is right now magnificently developed in a splendid manner by perseverance and diligence efforts of the Managing Trustee & Secretary Er. G. Rajasekaran and Director Dr. G. Balakrishnan. The trust is registered under the 'Indian Trust Act' and the noble goal of the trust is to efficiently impart high quality education to all aspiring young minds as per the 'National Education Bodies' and as well to empower the people from rural and marginalized section of the society in particular. The Indra Ganesan Educational & Charitable Trust (IGECT) runs more than 10 educational institutions, starting from 'School education to Medical sciences' which are collectively known as 'Indra Ganesan Institutions' (IGI). The IGI function in an elegant green-campus spread over 65 acres at IG Valley, Manikandam, Trichy – 620 024, Tamil Nadu, India and the IGI is on its own way to set a new benchmark in the educational sphere.

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The first educational institution started under the 'IGECT' is 'Indra Ganesan College of Education' (IGCE, recognized by NCTE & affiliated to TTEU), which was established in the year of 2005 and the IGCE deserves the status so as to the first College of Education in the Tiruchirappalli District of Tamil Nadu. Following the IGCE, Indra Ganesan Teacher Training Institution (IGTTI, recognized by NCTE), SIGMA School (recognized by CBSE), Indra Ganesan College of Engineering (IGCE, recognized by AICTE & affiliated to Anna University), Indra Ganesan College of Arts and Science (IGCAS, recognized by UGC & affiliated to Bharathidasan University), Indra Ganesan College of Nursing (IGCN, recognized by Nursing Council of India), Shri Indra Ganesan Institute of Medical Science (SIGIMS) consisting of 'College of Pharmacy', 'College of Physiotherpy' 'School of Allied Health Science', 'Naturopathy & Yoga Medical College & Hospital', and 'Siddha Medical College' have been established in the time span of 2005 – 2022. Both the IGCN and the SIGIMS - CoP are affiliated to 'The Tamil Nadu Dr. M.G.R. Medical University' and the 'College of Pharmacy' under the IGIMS is also recognized by 'Pharmacy Council of India' (PCI).

At present, the IGI offers about 40 courses at UG, PG & Doctorate levels and houses personnel of around 125 meritorious faculty members engaging both teaching and research in diverse fields of arts, science, engineering and medicines. Each stream of the IGI has its own library system and tie-together, the libraries possess more than one and a half lakhs unique documents consisting of text books, reference books, practical guides and monographs. The libraries also subscribe hundreds of scientific magazines both in print formats and e-formats. Moreover, the libraries serve knowledge resources over high configuration workstations enabled with an internet connection and provide Wi-Fi network connections to all browsers in the libraries. In a similar manner, each department and college of the IGI has its own state-of-the-art laboratories (in total 50 or so) in order to enrich hands-on training of students in the respective subjects. Right now, more than 2000 students are pursuing their higher education at various departments/schools/colleges of the IGI.

The IGI is continuously striving to maintain efficient 'Student Support & Progression Systems', which facilitates various scholarship schemes from government, private sectors and institutional levels for all eligible students belonging to all the streams. The system also provides perspective guidance for competitive examinations at state level (for instance TANCET), at national level (for instance KVPY, UGC, CSIR & GATE) and as well at international level, particularly in countries such as Singapore, Taiwan and Hong Kong. Meantime, the IGI brings ample of campus interviews over its 'Placement Cell' to the students, who wish to get their unique jobs at various sectors. For instance, quite a large number of IGI.

Students are working in various government and private organizations such as TCS, Infosys, HCl Technologies, IBM, VDart, Indian Railway, TNEB, Ashok Leyland, Flipkart, Texmo Industries, Cognizant, Hyundai, Federal-Mogul and so on. Moreover, IGI has more than 50 Memorandum of Understanding (MoU) with various educational institutions and industries for the benefits of students to empower their intellectual capacity and skilled personalities at many facets. The IGI maintains the reputation of organizing various scientific events in terms of special lectures, seminar, workshops, conferences and webinars at least two events per week (in an average), besides of organizing technical sessions, industrial visits (for instance SIEMENS Centre of Excellence in manufacturing, NIT, Trichy; ISRO, Trivandram; Doordarshan, Chennai & Kodaikanal) and sports events and tournaments at state and national level.

In order to maintain harmonious state, amicability and tranquility among students, among academicians, among administrative staff and as well relationships among them, the IGI management has instituted committees such as Discipline & Welfare Committee, Student Welfare Council, Anti-ragging Committee, Prevention of Sexual Harassment (POSH) Cell, Internal Complaint Cell, Minority Cell, Grievance Redressed Committee and Women Empowerment Cell. The IGI extends its moral and technical supports to students and staff through committees such as Governing Council Body, Transport Committee and Academic Administrative Audit Committee.

The committees such as Planning and Development Committee, Internal Quality Assurance Cell (IQAC), Research & Development Hub and Indra Ganesan Next Generation Unit are keenly framing schemes to improve teaching – learning environments, to develop conducive for front-line research activities and to take resplendence of IGI at worldwide.

The IGI owes its social responsibility on its own and is constantly carrying out many awareness schemes and relief schemes to the people belonging to the rural and urban areas which are within the distance of about 50 kilometers surrounding of the IGI. For instance, many awareness schemes (COVID-19 campaign, Red Cross Movement, Gender equity programs, Rain water harvesting programs, Waste management programs, National integration programs, Communal harmony programs, Social cohesion programs and so on) and many relief schemes (Drought and Flood relief, COVID-19 Relief, Festival Relief and so on) have been conducted by the IGI to ameliorate the mental, physical and social welfare of the people in the recent past. The IGI assures to continue the educational & research services and the social charitable services & commitments in its unique ways.

Dr. T. Sivaraman
Professor of Chemistry & Dean – Research, IGI

Editorial

Respected dignitaries of IGI management and Dear friends,

The editorial team of the IGNITION, an official newsletter of IGI, is delighted to connect with you all with the first Newsletter of the IGI at whole institutions level. The newsletter is released by visionary Secretary of IGI, Er. Rajasekaran, and is received by the renowned Director of IGI, Dr. Balakrishnan.

The newsletter consists of messages from dignitaries, brief write-ups about various streams by their respective principals and snapshots depicting colorful celebrations and meaningful events which were held either within the campus or out campus in the time span of April 2021 to March 2022. Hope that you would have found some sweet memories and interesting information from the newsletter.

We assure that the quantity and quality of the forthcoming issues of the newsletter will be brought to the high standard in all possible manners. For your constructive comments, please feel free to write to the editorial team over the email ID iginewsletter2022@gmail.com

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Comments are welcome to iginewsletter2022@gmail.com

Counselling Code
3831

B.E.
Agri | CSE | ECE | EEE | Mech

B.Tech.
AI & DS | IT

M.E.
CSE | VLSI

Ph.D. | MBA

Indra Ganesan College of Engineering

(Affiliated to Anna Univeristy, Chennai)

Indra Ganesan College of Engineering is one of the leading engineering and technology institution run by Indra Ganesan Educational & Charitable Trust known for best quality education and the flagship institution of Indra Ganesan Group of Institutions in Tiruchirappalli, and was established in the year of 2008. As one of the premier institutions, the college is Approved by AICTE (All India Council for Technical Education) and permanently affiliated to Anna University, Chennai. The institute is accredited by NAAC (National Academic Accreditation Council) and in preparation to get NBA accreditation for selected branches of study. The institute offers undergraduate, post graduate and PhD degree programs in engineering and technology of most popular branches of engineering and also post graduate degree in Business Administration. The institute is offering two post graduate engineering programs in Computer Science and Engineering and VLSI Design with highest employment potential. We also offer PhD Degree course in Computer Science and Engineering. The hostel is having ample facilities for 300 boys and girls. And our college transport connects all the places in the city and around 50kms.

We believe in educating people with the necessary skills to advance the engineering, technology and entrepreneurship through state of the art facilities in engineering education. We have an efficient Training and Placement wing which provides 100% placements every year to our students in leading corporate houses like TCS, HCL, Wipro, TVS Sundaram Fasteners, Tech Mahindra, Sakthi Auto Components, TEXMO, CRI pumps through campus placements. We assure the best of Attitude and employability skills in Computer Science and Engineering, Electrical and Electronics, Electronics and Communication, Mechanical Engineering, Artificial Intelligence & Data Sciences, Agricultural Engineering. Continuous training and skilling keeps our students employable and most of the students were placed during the 7th semester and when they complete the degree they are mostly with one or more offer letters with them for a good beginning for life. Impeccable placement records show the achievement of our placement team and students. We have launched belief in the discovery of new knowledge through innovative research that encourages entrepreneurship and economic development to benefit our societies which lead us towards Excellence. We give equal importance; follow ethical, environmentally responsible engineering practice in grooming the young engineers to glorious future.

The institute is offering all the kinds of scholarships provided by the government of India and Government of Tamilnadu apart from the Merit Scholarship from trust for meritorious students from rural and downtrodden people around Tiruchrappalli city and nearby villages. The institute has a full-fledged skill development centre for upgrading the skills and capabilities of the student to improve employability and entrepreneurship skills.

Principal, College of Engineering

B.Ed. | M.Ed.

(2 YEARS)



Indra Ganesan College of Education

(Affiliated to The Tamil Nadu Teacher Education University, Chennai)

Indra Ganesan College of Education is the first self-finance B.Ed., College, started with 200 students, in Tiruchirappalli district in the year of 2006. The college is a student centered Educational Institution focused on academic excellence builds knowledge and develops character of its students to help them achieve Success in Life and chosen best profession in this competitive world. From 2015 onwards, it started to offer M.Ed. programme, another feather to crown of the Education College.

In addition to academic, discipline and ethics are incorporated to every aspect of Indra Ganesan College of Education, so that the graduates can lead organizations and drive positive change.

It is also worthy of pointing out that as of 2022, about 15,000 students who graduated from IGCE are working as teaching professionsls in various reputed educational institutions located in different parts of the country.

Indra Ganesan college of Education have recognized this subtle change in training methodology and have adopted an innovative mode of leading the mind from knowledge to wisdom. Our Education College is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them future aspirants capable of meeting any challenge that will be faced by them after leaving the college. With the best infrastructure, techno savvy, ambience, latest gadgets to equip one to stride with competitive fervor, ever increasing new job centered courses, careercounseling and highly enthused qualified-teachers.

The college has all facilitates to ensure comfortable learning by the student teachers. The following are some of the facilities available in our college: Science Lab, Psychology Lab, Educational Technology Lab, Language Lab, Arts & Craft Lab, Library and Computer Lab with high speed internet facilities.

Principal, College of Education



Counselling Code
687

B.Sc.,
NURSING

ANM
AUXILARY NURSE MIDWIFERY
(2 YEARS)

Indra Ganesan College of Nursing

(Approved by Indian Nursing Coucncil & TNNMC)
(Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai)

Shri Indra Ganesan education & charitable trust established Indra Ganesan College of Nursing in 2018 and the college is located in Tiruchirappalli. The College commenced its first academic session in 2018 and it has an excellent infrastructure and qualified faculty to run both B.Sc (Nursing) and ANM (Nursing) Programmes.

The purpose of starting this College is to producing well qualified professional nurse to serve the society and our IGCON provides good opportunity to our students to translate their hands on simulation lab training into real practice with the close supervision and guidance from our nursing faculty. Indra Ganesan College of Nursing is one of the reputed nursing colleges of the state and it reflects the intellectual curiosity, dynamism in growth and maturity of the profession, dedicated to leadership, social welfare and excellences for its quality of education.

The Indra Ganesan College of Nursing, as part of their Career Development Programme, has signed an MOU with the Tamilnadu Skill Development Corporation and Overseas Manpower Corporation of Tamilnadu to conduct a free 150 hours OET training programme for the final year students. Immense Immigration and Education Services Pvt Ltd. - a UK based company - has been entrusted the responsibility of conducting the programme. Dr. A.R. Franklin, Managing Director of IMIMS, UK, Mr. A. Vinayakam, Head of Learning and Development, IMIMS and Ms. Jacquline, Business Development Manager, IMIMS and Ms. Shyni, OET Trainer, IMIMS were among the dignitaries present on the occasion of the launching of the programme.

The Indra Ganesan College of Nursing has been recognized by the Government of Tamil Nadu and approved by the Indian Nursing Council, New Delhi & Tamil Nadu Nurses and Midwives Council, Chennai. The college is affiliated to the Tamil Nadu Dr.M.G.R Medical University, Chennai.

Principal, College of Nursing

Shri Indra Ganesan
Institute of Medical Science
College of Pharmacy

(Approved by Govt. of Tamil Nadu & PCI, New Delhi
Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai)

Counselling Code
780

B.PHARM.,
BACHER OF PHARMACY
(4 YEARS)

D.PHARM.,
DIPLOMA IN PHARMACY
(2 YEARS)

Pharmacy is a branch of science dealing about preparing and dispensing medical drugs. The study of pharmacy involves Chemistry, Biology, Pharmaceutics, Pharmacology and Pharmacognosy. Pharmacists are licensed healthcare professionals who specialize in providing information about different medication and methods of treatments to patients.

Shri Indra Ganesan Institute of Medical Science, College of Pharmacy (CoP) was established in the year of 2019 and is approved by 'Pharmacy Council of India'. The CoP is affiliated to 'The Tamilnadu Dr. M.G.R Medical University' and 'Directorate of Medical Education'. Right now, the CoP offers B.Pharm., (4 years degree program) and D. Pharm., (2 years diploma program).

The first batch D.Pharm., students (2019-2021) achieved 100% results in the university examinations and more than 80% of the students got placements in many reputed drug stores/industries and rest of them started their own career either as entrepreneurs or as higher-study learners. The B.Pharm., students who enrolled in the academic year of 2019 – 2020 will be first outgoing pharmacists from the SIGIMS CoP in the year of 2023. The CoP right now strives to do its best to the students by organizing placement drives from many nationally recognized drug industries.

Shri Indra Ganesan Institute of Medical Science School of Allied Health Science

(Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai)

Counselling Code
731

RADIOGRAPHY AND IMAGING TECHNOLOGY



This technology is used to diagnose disease and disorders in human body. Radiology field is broadly divided into two areas namely diagnostic radiology and interventional radiology. Diagnostic radiology is the specialization of medicine that uses images of x-rays and imaging techniques to diagnose the disease. Interventional radiology is another medical specialty that also uses imaging techniques (x-ray, CT, MRI and ultrasound). Radiography thrives on a number of scientific fields like computer science and imaging.

This affords vast opportunities in domain of research studies for researcher and scientist. It deals with excellent research skill and the ability to interpret the technical data. Radiography technologist can perform their role as x-ray technologist, CT technologist, MRI technologist, ultrasound technologist and as medical diagnostic sonographer ,CAT technologist. They also be employed in major OT procedures to diagnose using fluroscopy machine. They also employed in trauma diagnostic areas such as (Trauma x-ray , trauma CT). Radiographers had vast working areas such as clinics, Hospitals, Diagnostic center, research and medical diagnostic equipment making industries.Mammography is one of the advanced diagnostic tools to diagnose and screen the breast cancer and abnormalities in breast.

DIALYSIS TECHNOLOGY



Dialysis Technology is a highly specialized held in nephrology (care of the kidneys). Dialysis is a treatment for persons with permanent or temporary kidney failures. For patients with moderate to severe renal disease, dialysis is only the renal replacement therapy. The technologist monitor and operate the dialysis machine efficiently. The dialysis technologist is responsible for all medical devices and equipment involved in renal replacement therapies. The renal replacement therapies such as reprocessing and water treatment equipment. Along with patient care and equipment operation maintenance and repair, dialysis technologist act to ensure regulatory compliance. They are employed in dialysis technologist, dialysis assistant, and dialysis supervisor. Hemodialysis machines are used to perform artificial purification process. They operate the hemodialysis machine and carry out pre, intra and post dialysis procedures.Their major role is to setting up dialysis machine, preparing sterilization mix, monitoring the patient and guiding them. Operate the dialysis machine, supervise the dialysis process. Calculating blood flow, Cleaning and inspection of dialysis machine.

CARDIAC TECHNOLOGY



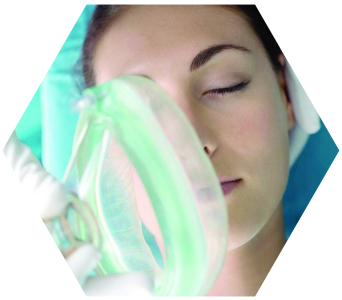
Cardiovascular technologists (also known as a cardiovascular technicians or vascular technicians) are health professionals that deal with the circulatory system. The role of technician includes

- Taking care of patients suffering from cardiovascular diseases.
- Testing patients for any symptoms of heart problems.
- Applying basic as well as advanced life-support skills.
- Learning the usage and maintenance of medical equipment as well as machines valuable to this branch of medicine.
- Catheter insertion and usage of pacemakers in any kind of clinical setting.
- Learning the invasive emergency procedures that are crucial for saving someone's life.
- Observation of the correct method of performing the cardiac procedure before the application of practical skills.
- Studying as well as understanding cardiac-related procedures.

Some of the job opportunities includes

• Cardiovascular Technologist • Cardiologist, Medical Sonographer • ICU Assistant • Nephrologist Technician • Cathlab technician • Lecturer /Professor • Medical coding

CATH LAB TECHNICIAN THEATRE & ANESTHESIA TECHNOLOGY



It is a 3 year undergraduate course with 1 year compulsory internship, that deals with providing help to doctors, surgeons, specialists, anesthesiologists, and nurses. Some of their responsibilities include

- arranging the surgical instruments before surgery
- cleaning instruments before and after surgery
- carefully dealing with all the equipment, and following surgeons' instructions.

CARDIO PULMONARY PERFUSION TECHNOLOGY



It is 3 year undergraduate course with 1 year compulsory internship that deals with an advanced study of the heart's physiology, pathology, and associated equipment used to support, or assume the function of the heart or lungs during medical procedures. To perform such critical tasks at the most important hour of one's lives, these specialists should have,

- Thorough understanding of the respiratory and the circulatory systems
- Have a thorough understanding of the complex equipment to operate it
- Handle stressful situation
- Pay keen attention to even minute details
- Communicate with the healthcare team effectively
- Keep updating themselves with the new developments in the profession.

Some of the job opportunities includes

• Perfusion Technologist • Cardiac Perfusionist • Medical coder • Cardiac technician • Pediatric Perfusionist • Lecturer / teacher

MEDICAL LABORATORY TECHNOLOGY



It is also called as Clinical Laboratory Science. The field is majorly concerned with the diagnosis, treatment and prevention of diseases by means of clinical laboratory tests. The work of a medical laboratory technician requires creativity, problem-solving skills, innovation and much more. The field includes areas such as blood banking, clinical chemistry, haematology, immunology, microbiology, cytotechnology, urine analysis, and blood sampling, etc.

A number of Medical Laboratory Technicians find employment in pathology labs, research labs, urologist office, pharmaceuticals, and hospitals. Job opportunities for them are Lab technician, Lab supervisor, Lab instructor, Lab Assistant, Research Associate Lecturer/Professor, Set up own Diagnostic Laboratory , Biotechnology Companies , Medical Coding, Pharma company, Wine, Beer production Company Quality Analyzer.

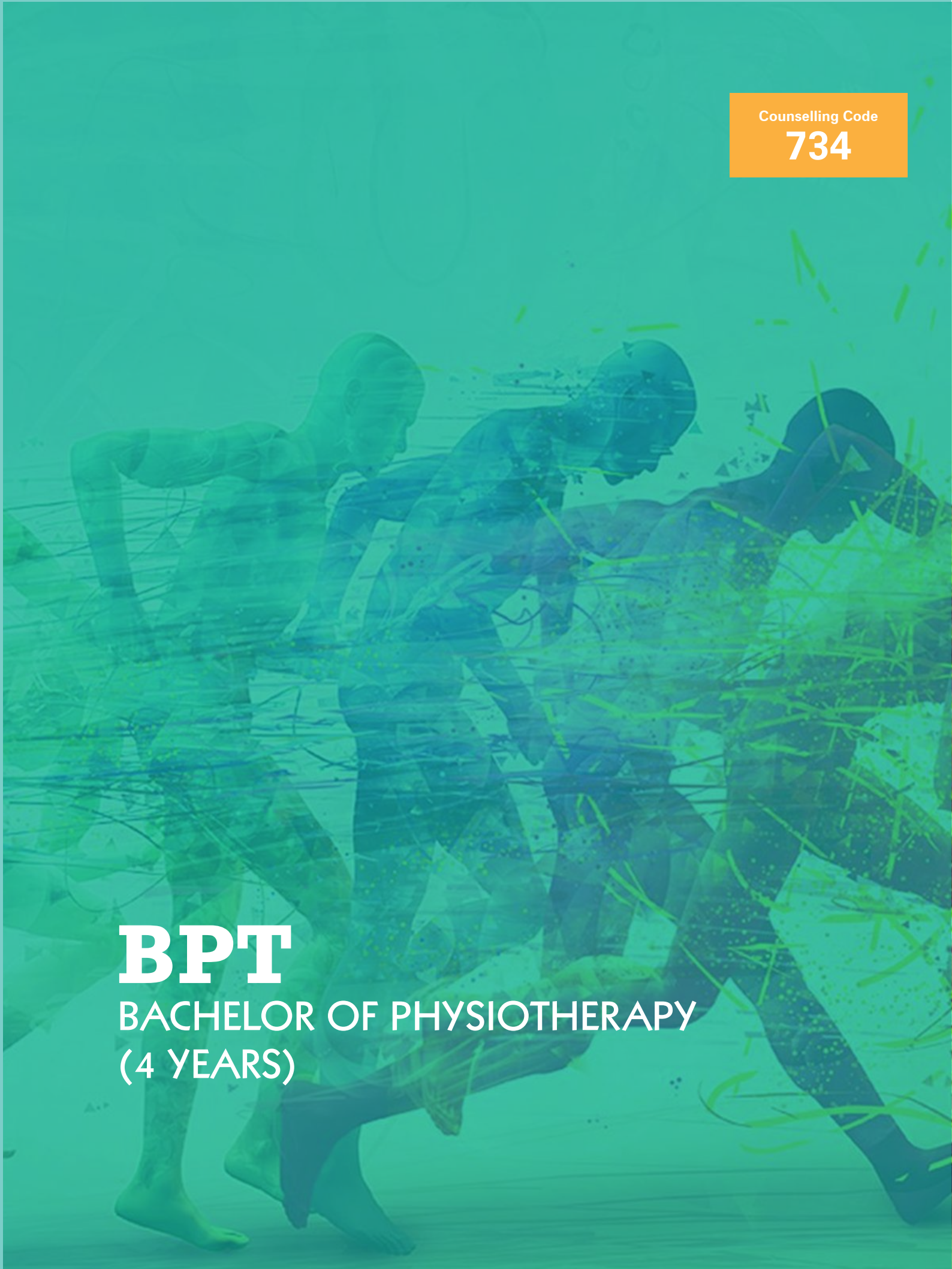
ACCIDENT AND EMERGENCY CARE TECHNOLOGY (CRITICAL CARE TECHNOLOGY)



It is a four year course. It trains the students in Emergency Medical techniques.They become the first responders to all kind of medical emergencies. They are taught knowledge and skills to save the patients with various medical emergencies, within and outside the hospital..It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of practice them in Supervised Clinical settings.It is a medical course in which required skills and knowledge for handling medical equipment for patient care is necessary.They are responsible for planning and managing all the activities of emergency medical technology. Candidates are also trained to monitor equipment, record important data, and same vital data with physician. The Scopes of this course includes Emergency Medical Technician, Critical Care , Emergency Medical Assistant, Critical Medical Examiner.

Principal, School of Allied Health Science

Counselling Code
734



BPT

BACHELOR OF PHYSIOTHERAPY
(4 YEARS)

Shri Indra Ganesan Institute of Medical Science College of Physiotherapy

(Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai)

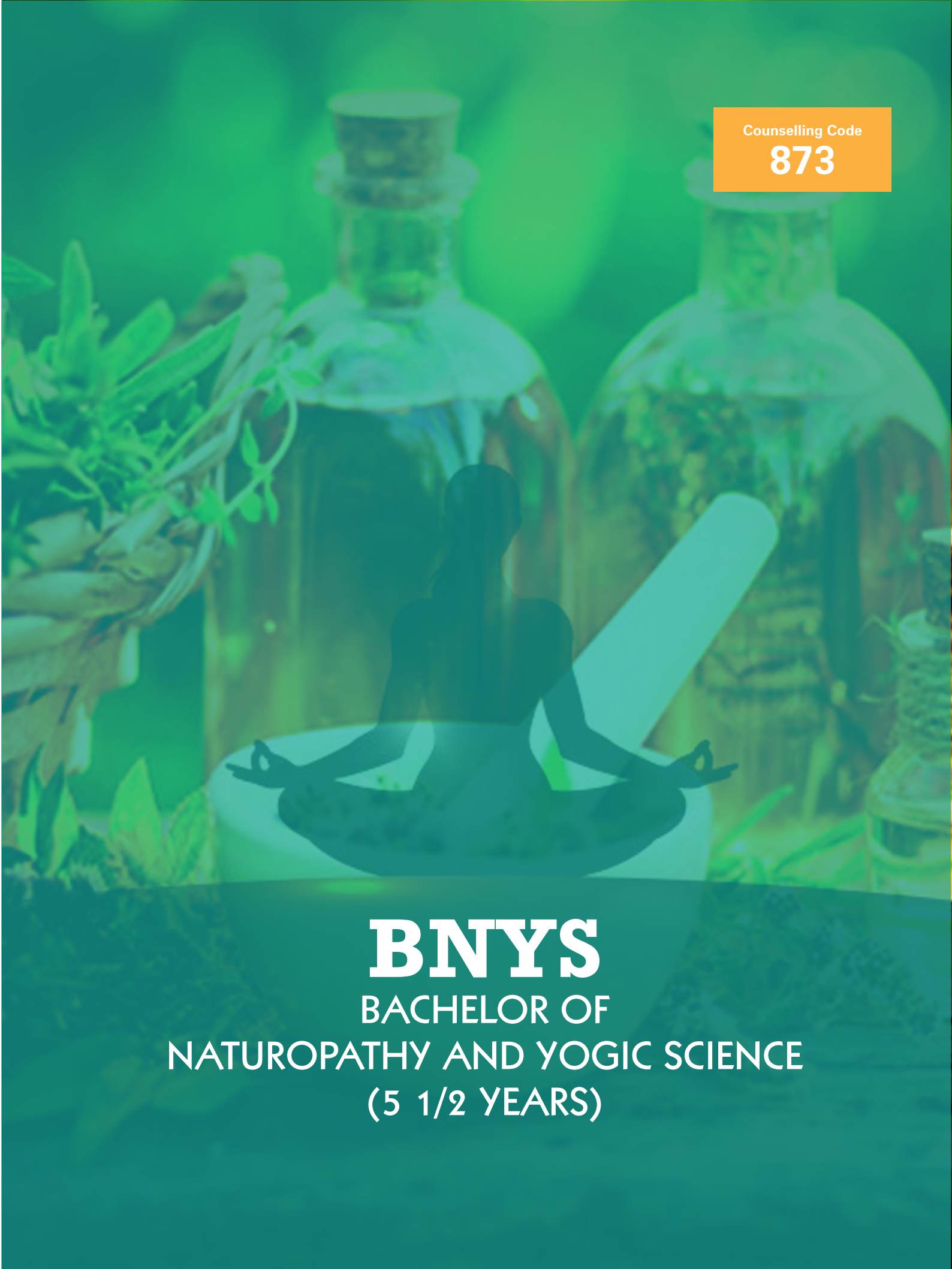


Physical Therapy or Physiotherapy is Provided by physical therapists who promote, maintain, or restore health through physical examination, diagnosis, prognosis, patient education, physical intervention, rehabilitation, disease prevention, and health promotion.

Along with clinical practice, other aspects of physical therapist practice include research, education, consultation, and health administration. Physical therapy is provided as a primary care treatment or alongside, or in conjunction with, other medical services.

Physiotherapy management commonly includes prescription of or assistance with specific exercises, manual therapy, and manipulation, mechanical devices such as traction, education, electrophysical modalities which include heat, cold, electricity, sound waves, radiation, assistive devices, prostheses, orthoses, and other interventions. Physical therapy is a professional career which has many specialties including musculoskeletal, orthopedics, cardiopulmonary, neurology, endocrinology, sports medicine, geriatrics, pediatrics, women's health, wound care and electromyography. Neurological rehabilitation is, in particular, a rapidly emerging field. PTs practice in many settings, such as private-owned physical therapy clinics, outpatient clinics or offices, health and wellness clinics, rehabilitation hospitals facilities, skilled nursing facilities, extended care facilities, private homes, education, and research centers, schools, hospital, industrial and these workplaces or other occupational environments, fitness centers and sports raining facilities.

Principal, College of Physiotherapy



Counselling Code
873

BNYS

BACHELOR OF NATUROPATHY AND YOGIC SCIENCE (5 1/2 YEARS)

Shri Indra Ganesan Institute of Medical Science Naturopathy and Yoga Medical College

(Affiliated to Directorate of Indian Medicine & Homeopathy, Chennai)

Shri Indra Ganesan Institute of Medical Science Naturopathy and Yoga Medical College was established in the year 2020-2021 with a student intake of 100 students per year. The medical college is affiliated to Dr. M.G.R. Medical University and offering five and half year degree course, called B.N.Y.S. The college also runs a 100 bedded inpatient Hospital.

The BNYS degree programme gives option for a variety of specialization such as Natural Medicine, Nutrition, Acupuncture, Acupressure, and various therapies. It brings together a bouquet of holistic treatments bridging ancient traditions and contemporary needs and comforts. A multi-disciplinary curriculum allows students to explore various natural health care modalities like Hydrotherapy, Mud Therapy, Manipulative Therapy, Steam therapy, Magneto therapy, Fasting and Diet Therapy, Reflexology, Yoga and its applied aspects of Lifestyle Modification, Applied aspects of Psychology and Counseling Techniques.

The candidate must have passed the 12th examination or equivalent with Science subjects obtaining at least 50% in biology and 50% aggregate marks in Physics & Chemistry. The candidate must have completed 17 years of age.

Bachelors of Naturopathy & Yogic Science (BNYS) doctors are highly popular in western countries and there is extreme demand for BNYS doctors. There are wide opportunities as Fitness Professionals, Health Club Managers and Recreation Consultants of various Health Resorts and SPA's in India and abroad with High salary. They are placed in Government Hospitals and Medical Colleges for Naturopathy and Yoga in all States and appointed as faculty and Research officers in various Departments of state & Central Governments and Research Centers. Apart from above all the BNYS doctors can be

- Medical Research Scientists,
- Doctor and MEDI-SPA's.
- Academicians in Naturopathy Medical Institutions.
- Yoga Consultants.
- Stress Management Consultants.
- Life Style Interventionists in various disciplines

Principal, BNYS



Shri Indra Ganesan Institute of Medical Science

(Approved by Department of Public Health and Preventive Medicine)

Department of Health Inspector was established in 2017 under the control of Directorate of Public Health and Preventive Medicine, Chennai. This is two years Diploma Course with intensive field training program. A pass in +2 with the following subjects include Physics, Chemistry and Biology/ Botany or Zoology or Any Degree with above eligibility can apply for this course. Highly qualified staff members with good experiences from the Health Inspector Department of Government sectors teach the students. The primary responsibility of a health inspector is to make sure the standard sanitary conditions meet the level of the schools, restaurants, hotels, hospitals, and other public places. Duties of Health Inspector include ensuring the functioning of a public place in a hygienic environment.

The first-year batch commenced from 2017 to 2019. The students of the first and second batches cleared their course with 100% results and settled in good Government jobs. Likewise, the third batch (2019-2021) students also got their 100% results in the examination. The fourth batch (2020-2022) students completed their first-year examination and are right now undergoing CFTP. The fifth batch 2021-2023 students are taking up the regular classes and then and as well they are attending field visits nearby PHC, UPHC, Town Panchayath, Municipalities etc.



College is viewed as a transitional period between our school years and our professional lives. It provides us with the best academics and a platform on which to turn our fantasies into reality. It serves as a bridge to being more self-sufficient. We were reliant on our parents when we were in school. We did, however, become financially independent after college when it came to studying, travelling, and making decisions. It's a rewarding and painless shift in which we don't even realize we've become self-sufficient.

The Management of Sri Indra Ganesan Educational Trust (2004) established Indra Ganesan Arts and Science College in the year 2021 to encourage young minds to strive for greatness through education. Our college, which is located on the Trichy- Madurai Main Road, is the most prestigious among educational institutions. Our College is dedicated to encouraging students to be self-disciplined, holistic, and academically excellent so that they can contribute significantly to society's well-being.

Currently, the Indra Ganesan Arts and Science offers over 11 undergraduate courses, as well as housing over 55 distinguished faculty members engaged in both teaching and research in a variety of subjects including Arts, Science and Commerce & Management and 12 non-teaching staffs. Each department has its own library system, and the libraries collectively hold over 1.5 lakh distinct materials, including text books, reference books, practical guides, and monographs.

Indra Ganesan College of Arts & Science

(Affiliated to Bharathidasan University)

Hundreds of scientific magazines, both print and electronic, are also subscribed to by the libraries. Furthermore, the libraries give Wi-Fi network access to all browsers in the libraries and supply knowledge resources via high-configuration workstations with an internet connection.

Internal Quality Assurance Cell (IQAC),Research & Development Hub, and Indra Ganesan Tamil Mandram are all working hard to develop schemes to improve teaching and learning environments, to create conducive environments for frontline research activities, and to elevate Indra Ganesan Arts & Science to global prominence.

Principal, College of Arts & Science

POOJA CELEBRATIONS



The students and faculties of IGI celebrated the 'Pongal' on January 12, 2022 in the campus. The students prepared 'sweet pongal' in a traditional way and enjoyed of eating the food with their classmates. Many events like 'Tug of War' and 'Uri Adithal' were conducted and winners were appreciated with attractive prizes given by the Secretary and the Director of the IGI.

PLACEMENT DRIVES

A Glance on the Achievements of Training & Placement Cell, IGCE



Students who got job placements in CMS IT Services Private Limited, Chennai. The CMS IT Services is an industry leader in Managed IT Services and System Integration



Students who got job placements in VJM Technologies Pvt Ltd, Chennai. The VJM provides supreme Web-solutions for all type of industries.



Students who got job placements in Sakthi Auto Component Limited, Erode. Sakthi Auto Component Limited is a major supplier of critical components to passenger car manufacturers.



Students who got job placements in Uniq Technologies, Chennai. Uniq technologies develops and implements solutions that are tailored to meet your specific challenges. (secure IT infrastructure, systems security certification and accreditation, database support and so on)



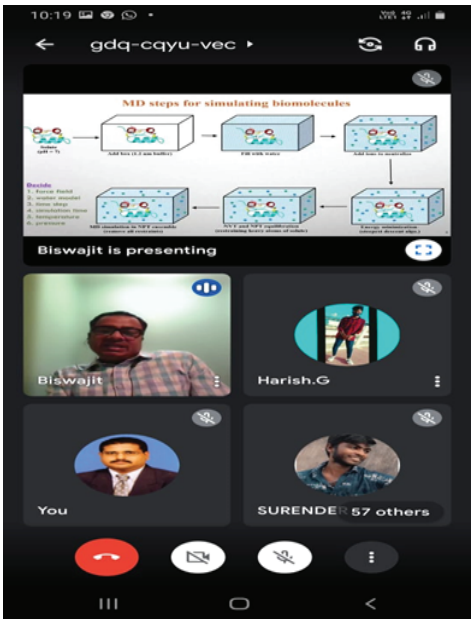
Students who got job placements in QSpiders Training Institute, Chennai. QSpiders (Unit of Test Yantra Software Solutions Pvt Ltd) offers a wide range of courses in the area of software testing and are official partners of the ISTQB



Students who got job placements in Rucha Industries, Chennai. RUCHA Groups are engaged in designing, developing & mass manufacturing of engineering-intensive industrial products for automotive and other applications.

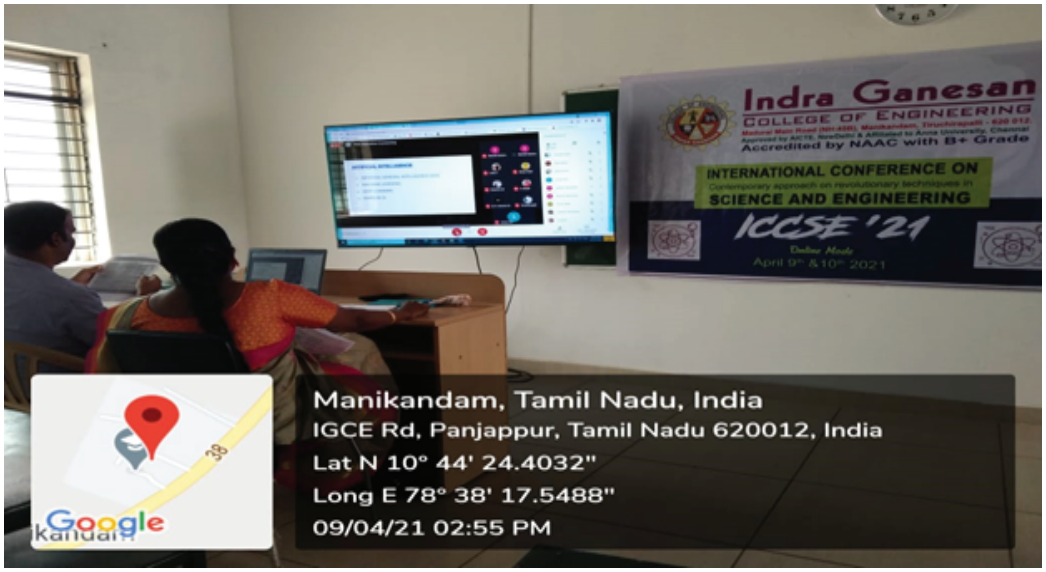
WEBINARS







Glimpses of an International Webinar: Shri Indra Ganesan Institute of Medical Science, College of Pharmacy organized an International Webinar on 'Molecular Dynamics Simulations of Biomolecules' on February 28, 2022 to commemorate the 'National Science Day - 2022'. Dr. Biswajit Gorai, Research Scientist, University of New Hampshire, Durham, USA delivered the plenary lecture over Google meet (https://meet.google.com/gdq-cqyu-vec)and actively interacted with participants, particularly on the discussion of uniqueness of MD in drug designing. As the webinar was broadcasted over 'Smart TV' in the multi-purpose seminar hall of CoP, more than 250 students belonging to various streams of the institutions got benefited out of the webinar. Moreover, quite a number of participants at national and as well at international level attended the webinar over online mode. E-certificates were provided to all active participants of the event. The webinar was convened, organized and successfully conducted by Dr. T. Sivaraman, Dean – Research, IGI.



Research and Development Cell of Indra Ganesan College of Engineering (IGCE) conducted an International Conference on 'Contemporary Approach on Revolutionary Techniques in Science & Engineering (ICCSE21)' on 9th & 10th Apr 2021 over 'On-line mode'. The main objective of the conference is to bring academicians, researchers, scientists, engineers, industrialists and post graduates together to present their ideas, share their knowledge, experience, innovations and outcomes of their research works in the field of Science and Engineering for reaching achievable goals. Approximately 150 papers were presented in the conference from various streams of Engineering. Nearly 350 authors registered for the conference to present their papers. The conference started on 9th Apr 2021 with the Keynote speech of Dr. Mun Hou Kit, Senior Lecturer, Electrical and Electronics Engineering, School of Computer Science and Engineering, Taylor's University, Malaysia followed by the presentation of the papers. The second day of the conference started with the Keynote speech of Dr. A. A. Bazil Raj, Electronics Engineering Division, FSO Communication, RF-Photonics and Radar Signal Processing, DRDO followed by the paper presentation of the authors.

SCIENTIFIC EVENTS



The BPT final year students went for an industrial visit to the "OTTOBOCK" in Trichy. It is an Orthotic and Prosthetic device service center. Students learnt about the making, fitting and servicing of the orthosis for the amputee patients.



Fresher orientation Program - 2021 for students of Shri Indra Ganesan Institute of Medical Science consisting of Physiotherapy, Allied Health Science, Pharmacy, Nursing and Health Inspector was conducted from November 15 to November 26, 2021. Eminent personalities from different disciplines such as Life sciences, Medical fields, Entrepreneurship, Skill and personality development were invited to deliver lectures in order to bridge the gap between the 'School Education' and the 'Higher Education' in a simple, elegant and effective manners for the benefits of young aspirants.



The students of BPT went to Chennai to 'Technomed' Physiotherapy equipment. They learnt the basic physics behind the Electrotherapy Machine by which they give treatment to the patients. They also learnt the working Principles of Electronic Stimulator, Ultrasound, Interferential Therapy, Short Wave Diathermy, Microwave, Vacuum Therapy, Laser Therapy and Transcutaneous Electrical Nerve Stimulation.



We planted nearly 1000 saplings inside our campus and celebrated the birthday of District Medical Officer Dr. Kamaraj (Siddha). All students participated very actively, planted the trees, poured water and learned about the importance of each plant sapling.



Indra Ganesan College of Education conducted 'World Science Day' on November 10, 2021. Mrs. Princy, Department of HI was the chief guest and she delivered a lecture on 'Pedagogy' to members of the stream.



The department of Science and Humanities, IGCE conducted one-week Induction Programme to First year students during 08-11-2021 to 13-112021. The programme was initiated in the presence of the principal, HODs and all faculties of IGCE. Dr. S. Boobalan, HOD, S&H gave welcome address, Dr. S. Bharathiraja, the principal, delivered inaugural address and the Chief Guest delivered presidential address to the students of the IGCE



Indra Ganesan College of Engineering celebrated 9th Graduation day, which was presided over by Dr. G. Gopinath, Registrar, Bharathithasan University; Honorable Secretary of IGI, Er. G. Rajasekaran gave welcome address and felicitations were delivered by renowned Director of IGI, Dr. G. Balakrishnan and Principal of IGCE, Dr. S. Bharathiraja. Attchaya, the student of EEE department of IGCE secured 14th rank of Anna University in the academic year 2020.

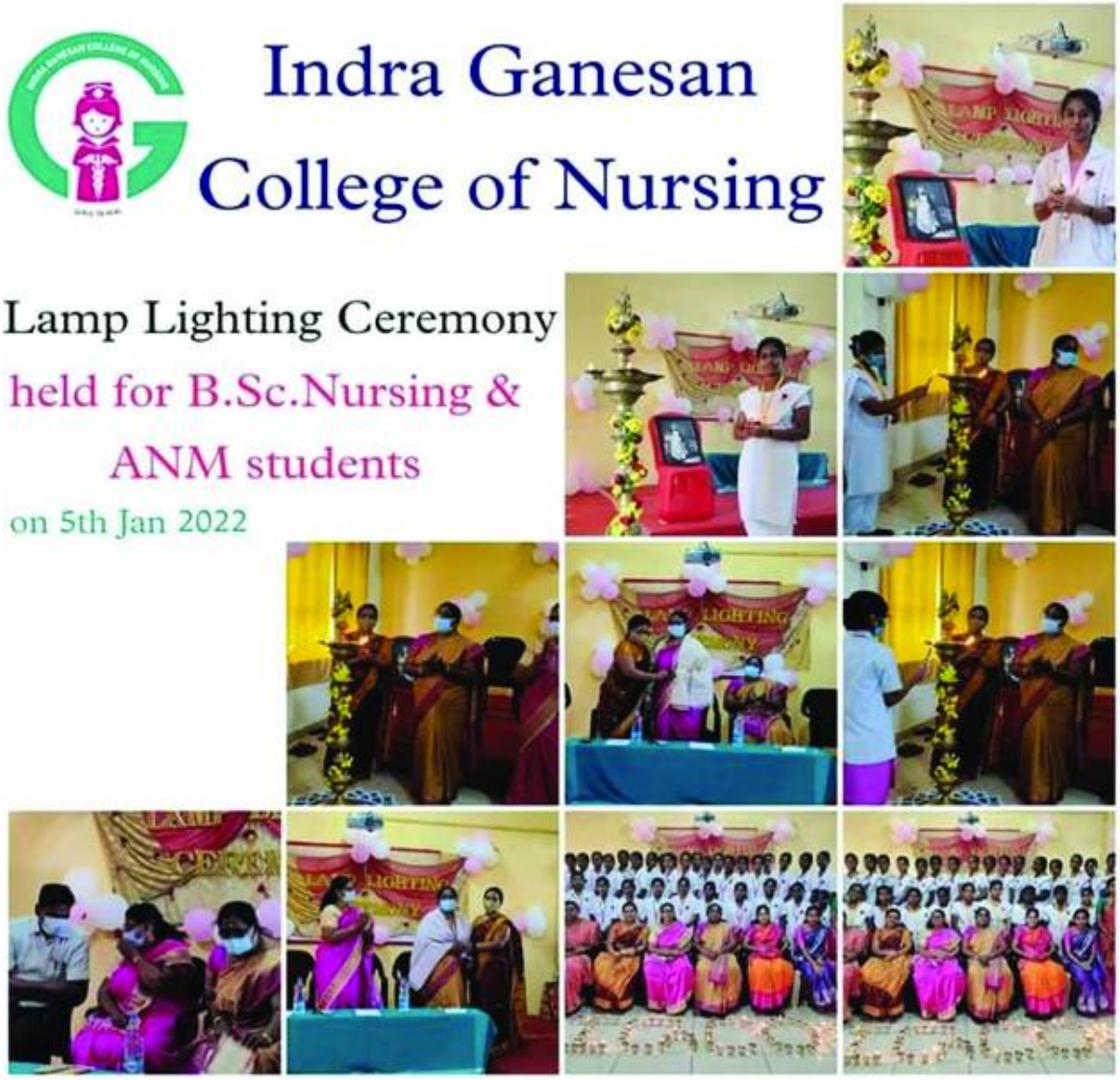




Indra Ganesan College of Engineering organized a 'Faculty Development Program on Delivering Leadership Alongside Teaching' on 13th Jan 2022. The program started with prayer song followed by Felicitation address by the Secretary, Er. G. Rajasekaran and Presidential address by the Director, Dr. G. Balakrishnan. The resource persons are Mr. Andrew Sesuraj, Professional Social Worker & Mr. A. Sathya Manikam, Director, Galileo Science Club. The first session was about self-realization and building relationships for effective co-functioning in a system. The next sessions consisted of various group activities to realize the importance of 'Team Work'. All the activities were explained by the resource person through gaming activities. Around 60 faculty members participated and cherished the program. The program was concluded by vote of thanks and national anthem.

Indra Ganesan College of Nursing

Lamp Lighting Ceremony held for B.Sc.Nursing & ANM students on 5th Jan 2022



The lamp lighting ceremony, which is an auspicious occasion in every nurse's life, held in reverence to Florence Nightingale, the lady with the lamp. Nursing is the only profession that follows 'lamp lighting ceremony'. Light, as a symbol of knowledge, removes ignorance and is a lasting wealth by which lots could be achieved. The lamp lighting ceremony formally recognizes the students' entry into the nursing profession. For the 2021-22 academic year, 'Lamp Lighting Day' was celebrated on 05.01.2021 for first year B.Sc Nursing and ANM students. Dr. A. Rajathi, Principal of KMC college of Nursing, Trichy was the Chief Guest and Sister Christy, Nursing Superintendant, Maruti Hospital, Trichy was the Special Guest of the event.

SPORTS ACTIVITIES





Indra Ganesan Engineering College celebrated Sports day for 2020-21 academic year. Dr. G. Balakrishnan, the Director of Indra Ganesan Institutions, appreciated and distributed the prizes to winners.

SIDDHA FIELDWORKS



The picture illustration is the event of 'Ayush at Your Doorstep' conducted on 2 - 09 - 2021. This program was conducted under the guidance of Dr. Kamaraj, DMO, Siddha Department, Mahatma Gandhi Memorial Government Hospital, Trichy. The program brought awareness about 'Siddha Medicines and Health care' and also facilitated to distribute herbal plants to the general public.



The picture is the illustration of 'Fifth National Siddha Day Celebration'. The event was conducted by Siddha Department, Mahatma Gandhi Memorial Government Hospital, Trichy on 23-12-2021. The programme promoted various scientific activities and competitions to attract students towards the 'Siddha Medicine'. We are proud to mention that the students of Indra Ganesan Institutions actively participated in many of the events and received gifts and merit certificates.

SOCIAL AWARENESS PROGRAMS



Indra Ganesan College of Engineering and Youth Red Cross, Trichy, jointly organized awareness programme to public about '100% Voting' on Feb 15, 2022 in Srirangam, Saththiram Bus Stand and Central Bus Stand. The volunteers distributed bit notices about the significances of '100% Voting' to the public.



The students of SIGIMS DoHI were in service at 'Local Body Election' held on February 19, 2021. For the service, the students were trained by SI and EO at Kannanur Town Panjayath, Tiruchirappalli from 18.02.2022 to 19.02.2022. The photo reminds the social services of the HI members.



Shri Indra Ganesan Institute of Medical Science, Department of Health Inspector conducted awareness program on 'Vaccination' to local people at Manikandam. Dr. Manjula, Medical Officer, PHC – Nagamangalam explained about vaccination and its significance. The staff and students of the stream organized, participated and conducted the event in a public-oriented manner.



The staff members and students of HI organized a procession to create awareness about the 'Anti-TB Day' on 24.03.2022 for the people at Manikandam Village, Trichy.



The picture is illustration of 'Albendazole Tablets Distribution' to the students of HI Department on 24.03.2022 in view of 'Albendazole Tablets Week' celebrations from 14.03.2022 to 25.03.2022.



The II B.Sc., Nursing students of Indra Ganesan College of Nursing conducted a rally programme to create awareness about 'Kidney Functions' to the local people at Manikandam on the 'World kidney Day', 10-03-2022.



Global Iodine Deficiency Disorders (IDD) Prevention Day or World Iodine Deficiency Day is observed every year on 21st October. Iodine is an essential micronutrient required for normal thyroid function, growth, and development. Iodine deficiency especially causes severe adverse effects during pregnancy and in early childhood. IDDs can lead to cretinism, stillbirth and miscarriage in most severe forms and can cause a significant loss of learning ability in mild deficiency. In this background, 'Global Iodine Deficiency Disorder Prevention Day' was celebrated on 21.10.2021 by students and staff of Indra Ganesan College of Nursing. Mr. Mohan, Technical personal assistant to DDHS and Dr. Surendhar, District training team medical officer were the Chief Guests of this program.

YOGA ACTIVITIES



Artistic yoga performed by I Year students of BNYS, Shri Indra Ganesan Institute of Medical Science Naturopathy and Yoga Medical College on January 26, 2022 during the 'Independence Day Celebrations' held in the premises of Indra Ganesan Institutions, IG Valley, Trichy.



Respected secretary, Er. G. Rajasekaran, participated and performed yoga in the programme conducted by Naturopathy and Yoga Medical College on 'International Yoga Day' on June 21, 2021 in seminar hall of the IGI.



Staff members of Shri Indra Ganesan Institute of Medical Science conducted many activities on 'International Yoga Day' on June 21, 2021.



BNYS students of Naturopathy and Yoga Medical College, SIGMS were performing yoga on 'International Yoga Day', June 21, 2021 in IGCE auditorium.

WOMEN'S DAY CELEBRATION

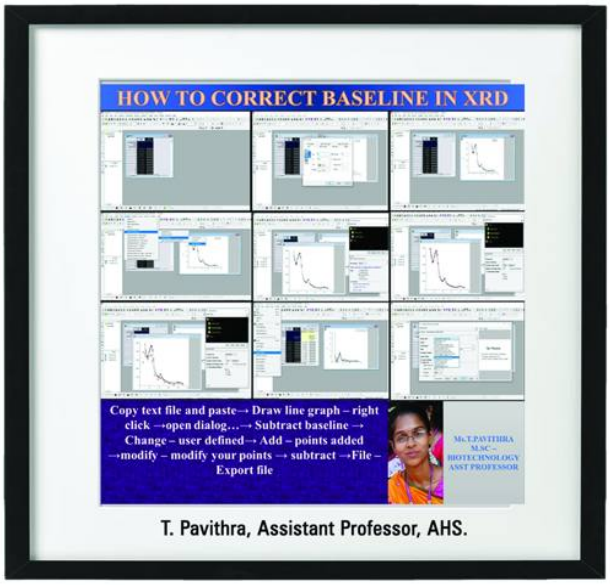




Indra Ganesan Institutions celebrated 'Women's Day' on 09.03.2022. The function was started with welcome dance by the students of Arts and Science College. Chief guests of the function: Dr. T. Ramani Devi, Senior Consultant in Obstetrician and Gynecologist, Ramakrishna Medical Center, Tiruchirappalli; Prof. N. Manimegalai, Director and Head, Department of Women's Studies, Bharathidasan University, Tiruchirappalli; Kavingar Thilagabama, Writer and Bharathi Ilakkiya Seyalalar, Sivakasi. The three chief guests were introduced by Dr. C. Nageswari, Principal, Shri Indra Ganesan Institute of Medical Science, College of Physiotherapy and School of Allied Health Science, Dr. M. Indumathi, Assistant Professor, Indra Ganesan College of Arts and Science and Dr. P. Vijaya Banu, Principal, Indra Ganesan College of Arts and Science, Tiruchirappalli, respectively. The chief guests addressed the gathering with their unique, innovative and inspiring speeches. It is followed by events by the children and the function ended up successfully with vote of thanks (by Mrs. Thenmozhi, Assistant Professor, Indra Ganesan College of Arts and Science) and National Anthem.



J. Jancy, II Year, ECE, IGCE.



T. Pavithra, Assistant Professor, AHS.



C. Bharathi Dhasan, II Year, ECE, IGCE



J. Kalpana Devi, I Year, CT, AHS.



Ms. N. Ramya
Associate Professor, Department of Electronics and Communication Engineering, IGCE.





P. Padmasri, I Year, BNYS, SIGIMS



L. K. Yashmeena,
I Year, BNYS, SIGIMS



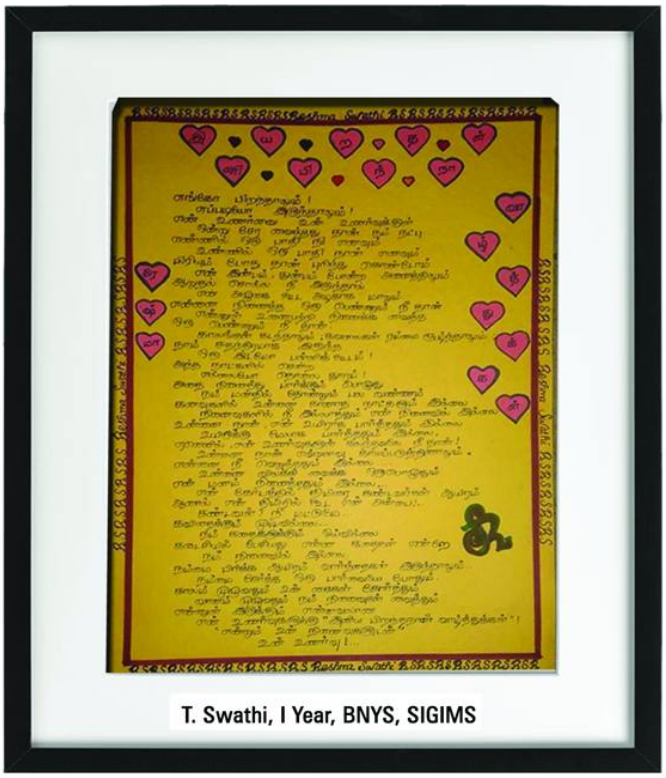


K. Kathiravan,
I Year, BNYS, SIGIMS

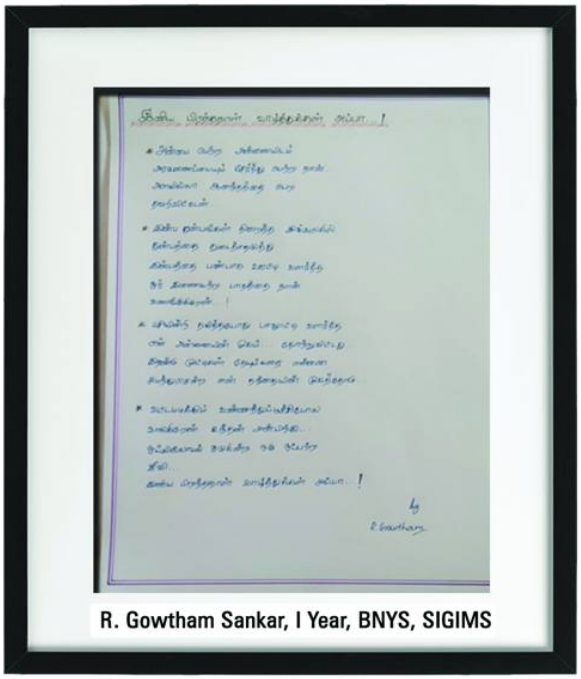




E. Eswar Ram, I Year, BNYS, SIGIMS



T. Swathi, I Year, BNYS, SIGIMS



R. Gowtham Sankar, I Year, BNYS, SIGIMS

RESEARCH ACTIVITIES

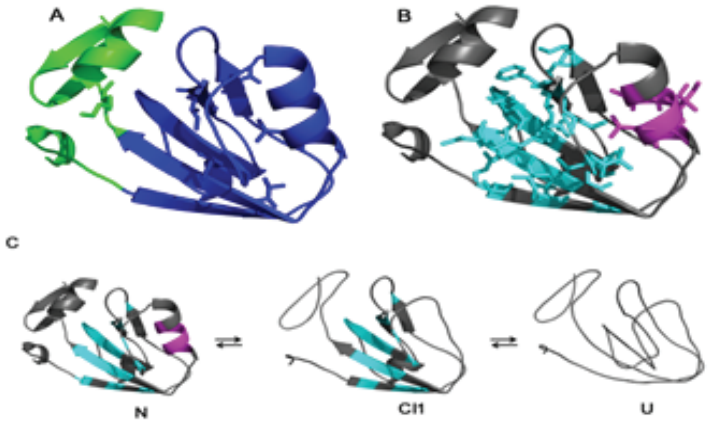
Following are a few research projects that are being actively carried out in various laboratories of Indra Ganesan Institutions (IGI) consisting of streams such as Arts, Science, Education, Engineering, Pharmacy, BNYS, Allied Health Sciences, Nursing and Physiotherapy.

Project I: Cancer Biology and Drug Designing

One of the leading causes of death in developed and developing countries is cancer disorders according to World Health Organization. In general, the cancer is caused by uncontrolled cell proliferation due to genetic disorders and/or abnormally enhanced life time of cells due to impairment of apoptosis. In this background, one of the research projects at the IGI is focussed on designing antagonists to pro-survival/anti-apoptotic proteins using various experimental techniques and computational methods.

Project II: Developing Novel Computational Tools

Understanding structural excursions of proteins under native conditions at residue level resolutions is crucial to map energy landscapes of proteins and also to solve the 'Levinthal paradox' of protein folding. Native-state hydrogen–deuterium (NS H/D) exchange methods are powerful to structurally characterize cryptic intermediates (CIs) populating sparsely in the unfolding kinetics of proteins under conditions favoring folded conformations of the proteins. However, the methods are not applicable to proteins that are susceptible to denaturation or degradation or aggregation in the course of exchange experiments and also to proteins that are smaller in size (< 10 kDa) in general. In these backgrounds, a research team at the IGI is working on developing novel computational tools to address the protein folding problem.



Figurative representations of various foldons in third domain of PDZ. The backbone structures of the protein and residues representing each foldon are shown in ribbon and stick models, respectively. (A) Foldons detected by the NS H/D exchange method. Two foldons detected by the method are shown in blue and green colours. (B) Foldons predicted by the OneG tool. Residues constituting two foldons of the protein are shown in cyan and magenta colours. (C) The folding pathway of third domain of PDZ under native conditions as predicted by OneG computational tool. Native, cryptic intermediate and unfolded states of the protein are denoted by 'N', 'CI' and 'U', respectively. Magenta region of the protein is shown to be unfolded in the structure of the CI1. The protein is shown to be fully unfolded upon unfolding of GUU (represented by cyan colour).

Project III: Design, Development and Experimental Studies of a Stereo Vision based Travel Aid for Blind Navigation.

Project IV: Design and Implementation of High Efficient Solar Power System Using Perovskite Cell with Intelligent Controller

Project V: A Comparative Study of Therabite Exercise and Goldfish Exercise to Improve Jaw Range Motion in Trismus Among Oral Cancer Patients

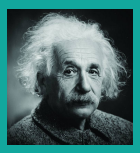
Dr. T. Sivaraman, Dean – Research, IGI

Location Map



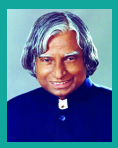
From Central Bus Stand : 12.8 k m | From Railway Junction : 12 .3 km | From Trichy International Airport : 14.5 km

Educational and Spritual Perspectives



Science without religion is lame, religion without science is blind

Dr. Albert Einestein



Creativity is seeing the same thing but thinking differently

Dr. APJ Apdul Kalam



You cannot believe in GOD until you believe in yourself

Swami Vivekananda

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'IGI' alias 'Education is Pride'

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Forensic Science
Fashion Technology
& Costume Designing
Nutrition & Dietetics
Geology
Hotel Management
& Catering Service

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B.Com., | B.Com., (CA)

EDUCATION

B.Ed., | M.Ed.,

SIGMA
CBSE School

NATUROPATHY & YOGA

BNYS

PHYSIOTHERAPY

BPT

ALLIED HEALTH SCIENCE

B.Sc.,

Cardiac Technology (CT)
Dialysis Technology (DT)
Medical Lab Tecchnology (MLT)
Radiography and
Imaging Technology (RIT)
Operation Theatre
and Anaesthesia Technology (OTAT)
Cardio Pulmonary and
Perfusion Care Technology (CPPCT)
Accident and Emergency
Care Technology (AECT)

PHARMACY

B.Pharm., | D.Pharm.,

MEDICAL SCIENCE

MHW | HI | DMLT