



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

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

Approved by Government of Tamil Nadu & Accredited by NAAC with A++ Grade (3rd Cycle – 3.64 CGPA)

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

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IIC ID: IC201912110

Annual Report 7.0 (2024-25)

A. About IIC Institute

Vision / Mission of IIC established at the Institute

• Vision

To cultivate a dynamic innovation ecosystem within the campus by establishing robust support mechanisms for start-ups, preparing the institution for the Atal Ranking of Institutions on Innovation Achievements Framework, and fostering collaborative efforts with peer institutions. We aim to create a vibrant environment that not only encourages creative thinking and entrepreneurial spirit but also aligns with top national standards for innovation and organizational development, ultimately positioning our campus as a leading hub for groundbreaking ideas and successful ventures.

• Mission

- To encourage the creative energy of our students to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures
- To conduct various innovation and entrepreneurship-related activities
- Identify and reward innovations and share success stories
- Organize workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators

• Journey of IIC established at the Institute

The Dr. NGPASC Institution's Innovation Council (IIC) was established on our campus in the academic year 2018–19 and achieved 3.0-star rating under IIC 2.0 in 2019–20. Since then, the institution has actively engaged in a wide range of IIC-aligned initiatives—including

calendar-based activities, MIC driven activities, celebration activities, and self-driven programs—earning 3.5-star rating (IIC 3.0) in 2020–21, followed by 2.0-star rating (IIC 4.0) in 2021–22, 3.0-star rating (IIC 5.0) in 2022–23, and 3.5-star rating (IIC 6.0) in 2023–24. To foster a culture of innovation and entrepreneurship among students, the IIC has consistently organized diverse activities centered on innovation, startups, and entrepreneurial development. This robust IIC ecosystem has empowered both students and faculty to bring forward novel and creative ideas with strong potential for future startups. Notably, during the academic year 2024–25, faculty members secured 109 published patents and 13 registered copyrights, reflecting the institution’s growing research and innovation output.

SUCCESSIVE PROGRESSION OF INSTITUTION INNOVATION COUNCIL IN NGP





- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

S. No.	Name of the Member	Member Type (Teaching/ Nonteaching /Student/External Expert)	Key Role/Position assigned in IIC
1	Dr.R.Parameshwaran Kongu Engineering College, TBI-KEC	External Expert	Incubation Center
2	Mr. R.J.Senthil Kumar Sprout Knowledge Solution Pvt Ltd.	External Expert	Expert from nearby Industry
3	Dr.R.Ranjith Kumar Viyen Biotech LLP	External Expert	Startup/Alumni Entrepreneur

Brief mention of key functionaries at the IIC Institute

S.No.	Name of the Faculty	Name of the Department	Member Type (Teaching/Nonteaching /Student/ External Expert)	Key Role/Position assigned in IIC
1.	Dr. K. Kalimuthu	Biotechnology	Teaching	President
2.	Dr. K. Rajathi	Biochemistry	Teaching	Vice President Innovation activity Coordinator
3.	Dr. M. Shanmugavadi	Biotechnology	Teaching	Convener IPR activity Coordinator
4.	Dr. R. Senthilkumar	Corporate Secretaryship	Teaching	Internship Activity Coordinator
5.	Dr.P. Kannan	Commerce (IT)	Teaching	Entrepreneurship Activity Coordinator
6.	Dr. C. Kandasamy	Commerce (Finance)	Teaching	Start-up activity Coordinator
7.	Prof. M. Sundar	Computer Technology	Teaching	Skill development Coordinator
8.	Ms.C. Karpagam	Computer Science	Teaching	Ethical Hacking Coordinator
9.	Prof. N. Kumar	Computer Science	Teaching	ARIIA Coordinator NIRF Coordinator
10.	Prof. U. Suji	Hospital Administration	Teaching	Member (Start-up)
11.	Dr. C. Eahambaran	Commerce CA	Teaching	Member (Innovation)
12.	Dr. D. Sivakumar	Medical Physics	Teaching	Member (Internship)
13.	Dr. T. Vasumathi	Commerce (IB)	Teaching	Member (IPR)
14.	Dr.R. Ravikumar	Chemistry	Teaching	Member (Skill development)
15.	Dr.J. Savitha	Information Technology	Teaching	Member (Entrepreneurship)
16.	Dr. S. Saranya	Computer Science	Teaching	Member (Hackathon)
17.	Dr.J. Savitha	Information Technology	Teaching	Member (IA)
18.	Dr. T. Indhumathi	Biochemistry	Teaching	Member (IA)
19.	Dr. K. Anbalagan	CLT	Teaching	Member (IA)
20.	Dr.C. Kandasamy	Commerce -	Teaching	Member (IA)

		Finance		
21.	Dr. Radha Palaniswamy	Biotechnology	Teaching	Member (IA)
22.	Dr. S. Jagatheeswari	Corporate Secretaryship	Teaching	Member (IA)
23.	Dr.U. Suji	Hospital Administration	Teaching	Member (IA)

B. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

S. No.	Resources	Total Strength
1.	IIC Members	85
2.	Innovation Ambassador	25
3.	No. of Faculty Members from Portal	03
4.	Pre-Incubation Units, If any	01 Dr. N.G.P. Beginners Business Council (DrNGPBBC), a Section 8 company funded by StartupTN
5.	Incubation Units, If any	05 1. IoT Laboratory 2. Bioscience Labs 3. Fashion Studio 4. Open-Source Software Development Lab 5. Food Production Kitchen
6.	IP Facilitation Unit, If any	Intellectual Property Rights (IPR) Cell

A. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

PHYSICAL FACILITIES

Classrooms

- Adequate number of classrooms (157) equipped with ICT and Wi-Fi facilities, broad staircases, corridors and elevators

Laboratories

- 58 Laboratories (31 domain specific and 5 research) with modern equipment for experiential learning and quality research
- DST-FIST laboratory includes equipment like gel-doc system, PCR machine, Lyophilizer, ELISA reader, UV-Spectrophotometer and Milli-Q to facilitate research

- DBT-STAR scheme provides instrument such as nano-spec, stereo microscope, inverted/phase contrast microscope with camera, ultra-scope etc. to promote science education and undergraduate research

COMPUTING FACILITIES

- Sixteen Computer Laboratories and One Hardware Lab with 1511 computers, licensed software supported by 100 Mbps leased line connectivity
- LAN Connectivity through Optical Fibers
- Wi-Fi with 100 access points
- YouTube Channel to facilitate anytime anywhere learning

CENTER OF EXCELLENCE

Center for Regional Language equipped with facilities to promote Tamil culture/ literature
 Center for IoT equipped with 15 computers and 15 IoT hands on training kits to enrich young talents in emerging field of IoT by offering skill training and to develop IoT products in multiple technological platforms.

NGPnnovation

NGPnnovation creates an ecosystem to nurture research culture, innovation, skill enhancement, IPR generation/transfer and startup. Centre for Entrepreneurship Development motivates students to acquire entrepreneurial skills and out of box thinking in exploring business opportunities. Centre for Industry Institution Partnership initiated various elite talk forums Synergy, Bioface, Velicham (Light), Tech Bench, Vaniga Valagam (Commercial Center), and Vetri Padigal (Success) to establish mutual rewarding relationship, bridge gap between industry requirements and academic offerings. Institution Innovation Council (IIC) enables start-up support, establish ecosystem for pre- incubation of ideas through developing cognitive abilities among students.

LIBRARY

- Library with a total area of 36400 sq ft. is well stocked with 48369 volumes of books with 22538 titles, 7513 online journals, research reports, periodicals and magazines
- Digital Library with 72 computers support access to online resources
- 24×7 Learning powered by remote access to OPAC, e-resources and databases like N-

List, EBSCO and CMIE PROWESSIONAL

- Amenities like presentation hall, reading cabin, reference halls, book reading area, with total seating capacity of 500 are available

ADDITIONAL FACILITIES

- Seminar halls, board rooms and conference centers equipped with ICT facilities
- Multicultural open arena for large gatherings
- Center for Training and Placement with discussion rooms, mock interview cabins, panel rooms and board rooms
- Exclusive space for 23 different centers which caters curricular and co-curricular activities.

B. Highlight Achievements (Narrative/Graphical/tabular representation)

- **Number and Different types of I&E and IPR activities Conducted:**

S.No.	Name of the Centre	No. of activities	No. of beneficiaries
1.	Centre for Innovation	5	750
2.	Centre for Entrepreneurship	5	682
3.	Centre for Startup	5	381
4.	IPR Cell	5	365
5.	Centre for Industry Institution Partnership	5	162
6.	Coders and Hackers Club	5	515
7.	Centre for Skill Development	5	515
9.	Academic Departments	59	3254
10.	ATL School Activities	4	80
	Total	98	6704

- **No. of student's & faculty ideas generated: 122**

Patent filed - 109
Copyrights granted - 13

- **No. of student's & faculty Innovation/prototypes developed: 122**

S.No	Name of Inventor	Name of Department	Title of the Invention	Application Number	Date
1.	Dr.V. Gopala Krishnan	Physics	Deep Learning Approach for Brain Tumor Detection and Classification using Multistage Convolutional Neural Networks	202241074703 A	30.12.2022
2.	Dr.K.Girija	Physics	Formation of Single Crystalline novel LaFeO ₃ dendritic nanostructures via a well-controlled hydrothermal process for dopamine analytical detection,	202241060606 A	28.10.2022
3.	Dr.K.Santhi	Information Technology	A Smart Locking System For Vehicle Using IOT and Cloud Technique and Server	202221030740 A	29-05-2022
4.	Dr.R.Prabha	Information Technology	An IoT based system to predict the real-time collapsing probability of structures	202241041443 A	19-08-2022
5.	Dr.A.Y.Kettiramalingam	BPS	Implementation of six sigma methodologies to automate and ease the process of recruitment by human resource department	202241066587	20.11.2022
6.	Dr.N.Sathya	AI & ML	Artificial Intelligence Technique to automate the process of Steel Making	2.02241E+11	12.08.2022
7.	S.Gandhimathi	Commerce	An Artificial Intelligence Based Method For Detecting	.202241074715 A	30.12.2022

			Advanced Tax Fraudulence		
8.	Mrs.M. Banurekha	Commerce	An Analysis of the Decision-Making Model for Human Resource Outsourcing based on quality and Quantity	202241039790A	2022
9.	S. Balamurugan, V. Gopala Krishnan, R. Ravi Kumar	Physics	Deep learning approach for brain tumor detection and classification using multistage convolutional neural networks	202241074703	30.12.2022
10.	Dr.M. Kalimuthu	Commerce PA	Design of Smarter and automated Delivery systems for E-Commerce Sites for Safer and Tracked Delivery of Ordered Products	202241049723A	Sep-22
11.	Dr.S. Mohan	BBA	Risk Perception and Portfolio Management of Equity Investors	Application No. 202241038455 A	Jul-22
12.	Dr.S. Kamalaveni	Commerce IT	AN ARTIFICIAL INTELLIGENCE BASED METHOD FOR DETECTING ADVANCED TAX FRAUDULENCE	202241074715 A	30-12-2022
13.	C.Balaji	BA	Machine Learning and IoT based device to detect the Stress/happiness of Lecturers in Working Environment like institutions, colleges, University etc.	202341016738 A	24.3.2023
14.	Dr.K.Girija	Physics	An Efficient analytical assay of nanospindles as SERS substrate for Identification of	202241068186 A	27.01.2023

			Imidacloprid on the surface of Fruits		
15.	Dr.R.Suganthi	Chemistry	Analysis And Detection of Depression Severity Scores Based on EEG Signal Using Machine Learning Approach	202341001221 A	13-01-2023
16.	Dr. Radha Palaniswamy	Biotechnology	Synthesis of Emulgel from <i>Euphorbia hirta</i> and <i>Coccinia grandis</i> leaves	202341003608	18.01.2023
17.	Dr.K. Thenmozhi	Information Technology	E-requirement and it's Impact on Job Seekers	202311016737	13-03-2023
18.	Dr.S. Punitha	Physics	Artificial Intelligence Based Technique for Photovoltaic Fault Detection using various instruments	202341052594A	01.09.2023
19.	Dr.Radha Palaniswamy	Biotechnology	Development of polyvinyl alcohol film incorporated with <i>Tridax procumbens</i> leaf extract for food packaging application	202341010286	16.02.2023
20.	Dr.M. Poongothai	Biotechnology	Optimization of Temperature for Extraction of Protease from Coconut Shells (<i>Cocos nucifera</i>)and its application in food industry.	202341015883	10.03.2023
21.	Dr.M. Poongothai	Biotechnology	Bio-plastic production from peduncle and peel of <i>Musa paradisiaca</i> – An 11apitate1111ly approach	202341015884	10.03.2023
22.	Dr. K. Rajathi	Biochemistry	Synthesis of copper oxide nanoparticles	202341015886	10.03.2023

			using green tea leaf as an effective antimicrobial activity against urinary tract infection and production of organic intimate wipes as its treatment		
23.	Dr.K. Rajathi	Biochemistry	Design and implementation of IOT Technology in for Accident Detection and Emergency Vehicle Tracking	202341015889	10.03.2023
24.	Dr.N. Vanitha	Information Technology	Chronic Kidney Disease Detection Using Machine Learning Techniques	202341010284	16.02.2023
25.	Dr. R. Senthil Kumar	Cognitive System	IoT Based College Bus Tracking and Surveillance	202341010285	16.02.2023
26.	Dr. S. Rekha	Information Technology	Face Recognition based Attendance System	202341010289	16.02.2023
27.	Dr. D. Sridevi	Food Science and Nutrition	A Study on Formulation and Quality Evaluation of Minor Millets Condensed Milk	202341018715	20.03.2023
28.	Dr. D. Sridevi	Food Science and Nutrition	Formulation of Soup Strips Using Pam Vegan Soup Mix	202341019084	23.03.2023
29.	Dr. D. Sridevi	Food Science and Nutrition	Volarization of Onion Through Formulation and Production of Ready-to-use Use Cubes with the Spices	202341018716	20.03.2023
30.	Dr. D. Sridevi	Food Science and Nutrition	A study on formulation and Standardization of Spriggy papad	202341019042	23.03.2023
31.	Ms. M. Anjali	Food Science and Nutrition	Formulation and Development of ice cream incorporated	202441002672	23.03.2023

			with <i>Spirulina</i> and ash gourd		
32.	Dr. S. Senthil Prabhu	Microbiology	Red Cabbage Extract as Natural Redox Indicator in Methyl Red, Carbohydrate Fermentation and Citrate	202341054822	16.08.2023
33.	Mr. V. Yuvaraj	BCA	A smart solid waste management in smart cities	202341035258	16.06.2023
34.	Mr. V. Yuvaraj	BCA	Clarification of Fetal Health in Womb Using Cardiototogram Data and Machine Learning Approach	202321035280	23/06/2023
35.	Mr. V. Yuvaraj	BCA	Wireless Breast Cancer Detection	385386-001	24.07.2023
36.	Dr.K. Kavitha Dr. C.Kumuthini	BCA	IOT based monitoring system for inland vessels using sensor networks	202341042373	24.06.2023
37.	Mrs.Govardhini S	CSDA	Adulteration Monitoring Device	6322416	27-10-2023
38.	M.A.Prasad	B COM	Human Resources Analytics: A Systematic Examination of Hr Procedures	.202331089032 A	:27/12/2023
39.	Dr. Suganthi	CSDA	IOT Based Biogas Leakage Detecting, Real Time Weather Monitoring System Using IOT	399711-001	10.11.2023
40.	Dr.M. Banurekha	B COM	The Impact of Corporate Social Responsibility Disclosure on Firm Value and Financial Performance	202321041350 A	25-08-2023
41.	Dr.M.P. Kumaran	B COM	An Analysis of Fraud and Scams in the 13apita Financial system through an Investigation	202341048694 A	01-09-2023

42.	Dr.S. Gandhimathi	B COM	The Impact of Entrepreneurial Skills on The Development of Product Portfolios	202341064704 A	06.10.2023
43.	Dr.R. Chandrasekaran	FINANCE	Circuit Breaker analysis and Trading strategies	202341078386	17.11.2023
44.	Mr.C. Balaji	BA	Nasopharyngeal Swab Sampling Robot	6330076	1.12.2023
45.	Dr.R.Senthil Kumar	Cognitive Systems	Chronic Kidney Disease Detection Using Machine Learning Techniques	202341010284 A	16.02.2023
46.	Mrs.R. Ranjani	CSDA	Medicine Expiry Detector	6341997	25-01-2024
47.	Dr.M. Banurekha	B COM	The Role of Conceptions of Design Thinking in Management Discussions	202431002752	13.01.2024
48.	Dr.D. Shanmugavadivel	B COM	The implementation of an artificial Intelligence based algorithm in the product information security system for international trade	202421001239 A	06.01.2024
49.	Dr.S.Rengadevi	CSCA	Students Ethics in the Academic Research Real Behaviour Versus Expectations	2.02441E+11	01.02.2024
50.	Mr.C. Balaji	BA	Detection of Phishing Using Machine Learning Neural Network	202441037617 A	03-05-2024
51.	Dr. C. Hemalatha	CLT	Formulation and Evaluation of Organic Lip Balm using <i>Beta vulgaris</i> , <i>Aloe barbadensis</i> Miller and <i>Clit</i>	202441002670	13.01.2024
52.	Dr. C. Sasikala	Microbiology	Development of Paper using Bio-waste of Water Hyacinth	202441002666	13.01.2024

			(<i>Eichhornia crassipes</i>)		
53.	Ms. D. Jancy Rani	Food Science and Nutrition	Development of <i>Muntingia calabura</i> Candy for Hypertension Patients	202441002671	13.01.2024
54.	Dr. G. Malarvizhi	CDF	Development of Anti Pesticide finished jute apron for farmers	202441002673	13.01.2024
55.	Ms. G. Priyaalini	Food Science and Nutrition	Development of Instant Soup Mix Comprising Sprouted Wheat and <i>Trigonella foenum-graecum</i> Leaves	202441002680	13.01.2024
56.	Ms. D. Jancy Rani	Food Science and Nutrition	Formulation and Standardization of <i>Drynaria quercifolia</i> Gummies	202441007560	05.02.2024
57.	Ms. M. Rakeshwari	Food Science and Nutrition	Development and formulation of boba balls incorporated with guava leaves (<i>Psidium guajava</i>)	202441003496	18.01.2024
58.	Dr. M. Suganthi	Chemistry	Development of Leaf curd protein incorporated peanut spread	202441007896	06.02.2024
59.	Mrs. S. Madhumitha	Food Science and Nutrition	Kombucha fermented fruit 15apitate15 Beverage	202441002676	13.01.2024
60.	Ms. M. Anjali	Food Science and Nutrition	Standardization and development of Khakhra Incorporated with resistant starch extracted from Oats	202441002672	13.01.2024
61.	Dr. J. Martin Sam Gnaraj	Physics	Fabrication of portable water filter using reduced Graphene Oxide	202441007894	06.02.2024
62.	Dr. Meera Raman	Food Science and Nutrition	Design and development of Standardized Protein rich herbal (<i>Thymus vulgaris</i>) Short Bread	202441002675	13.01.2024

63.	Dr. V. Kavitha	CDF	Design and Development of fire-retardant curtains using banana fiber for air-conditioned buses	202441002667	13.01.2024
64.	Ms. U. Rasikha	Food Science and Nutrition	Development and standardization of Value-Added dip from Red Banana peel powder for Obesity	202441002674	13.01.2024
65.	Dr. M. Thiruselvi	CLT	Formulation and evaluation of Poly Herbal Anti scar cream	202441003477	13.01.2024
66.	Dr. T. R. Indumathi	CDF	Design and development of Herbal Facial beauty mask	202441002668	13.01.2024
67.	Dr. S. Gowri	Biochemistry	Polyherbal hand cleanser and preparation method thereof	202441007895	06.02.2024
70.	Dr. N. Kannikaparameswari	Biochemistry	Development and Evaluation of Novel film wound dressing loaded with the herbal extract	2258	10.01.2024
71.	Dr. K. Rajathi	Biochemistry	Development of Herbal Based Gloves Coated in cotton fabric with <i>Valeriana officinalis</i> extract with e	202441002433	12.01.2024
72.	Dr. S. Kokila	CLT	Development of Bio- anti dandruff shampoo based on herbal source <i>Mangifera indica</i> Kernel and Protei	202441002669	13.01.2024
73.	Ms. P.P. Abhirami	Food Science and Nutrition	Standardization of Tortilla chips with <i>Brassica oleracea</i> var, 16apitate <i>F. rubra</i> , <i>Spinacia oleracea</i>	202441002677	13.01.2024
74.	Ms. G. Priyaalini	Food Science and Nutrition	Development of Instant Soup Mix Comprising	202441002671	13-01-2024

			Sprouted Wheat and Trigonella foenum-graecum Leaves		
75.	Dr. M.N. Kathiravan Dr. P. Arun, Dr.M.Shanmugavadivu, Dr.M.Poongothai, Dr. K.Kalimuthu Dr.P.Chidambara Rajan	Biotechnology	AI Based Chlorophyll Determination Device in Leaf Tissues	421987-001	07.06.2024
76.	Dr. Suganthi Ramasamy	Biotechnology	Method of Making Cookie with Fortified Black Rice Thereof	202441048470	25-06-2024
77.	Dr.S. Maheshwari Dr.K.Thenmozhi	Computer Science	Multi-Purpose Smart Assistant for Visually impaired	202421065427 A	29.08.2024
78.	Dr. R. Menaka Dr. J. Saranya Dr. V. Nijarubini Dr. P. Kavitha	Chemistry	Degradation of Organic Pollutants Using Novel Metal-Organic Frameworks	202441095265 A	03.12.2024
79.	Dr.P.Usha Mrs.S.R.Kalaiselvi ,	Computer Science	Prevention of Cyberbullying through Machine Learning Algorithms	202441100952 A	19.12.2024
80.	Dr.B.Sivaranjani	Computer Science	Forgery Detection by using Extracted ELA Features Using CNN	202441098417 A	20.12.2024
81.	Dr.S.Uma	Computer Science	The Impact of Augmented Reality (AR) on Consumer Engagement and Purchase Decisions	2.02441E+11	19.12.2024
82.	Dr.M.Aruna	CT	IoT Based Automated Security Alert and Rescue System for Intelligence Department using AI	202441058612 A	02.08.2024
83.	Dr.J.Savitha	IT	IOT Social Distancing And Monitoring Robot	426983-001	14-08-2024
84.	Dr.K.Banuroopa	IT	Predicting Cloudburst Events Using Machine Learning Algorithms: A Data-Driven Approach to	202411083471 A	30-10-2024

			Enhance Weather Forecasting Accuracy		
85.	Dr.R.Senthil Kumar	Cognitive Systems	IoT based college bus tracking and surveillance	202341010285 A	16.02.2024
86.	Dr.V.Sangeetha	CSDA	Intelligent Path Travel Cost Estimation in Large-Scale Networks Using Advanced Machine Learning	202441064131	26.08.2024
87.	Ms.S.Govardhini	CSDA	AI-Based Neurochemical Sensing Microarray Unit	425669-001	02.08.2024
88.	Dr.R.Suganthi	CSDA	Hybrid Approaches For Efficient Routing And Energy Usage In IOT Devices	202411080815	23.10.2024
89.	Mrs.J.Vinitha	AIML	Airport Route Analysis Using Machine Learning	202441103368	26-12-2024
90.	Dr.P. Deepika, Dr.N.Sathya, P.Shanthi, T.Hashni	AIML	Prediction of waterflow depth using machine learning	202441102002 A	23-12-2024
91.	Mrs. Vinitha Ardhanaareeswara Moorthi	CYBER SECURITY	Smart Voice Assisted Computer Device for Visually Impaired Students	6396815	18.10.2024
92.	Dr.V.Shobana	CYBER SECURITY	Smart Pain Reliever for Women	202421070175	17.09.2024
93.	Dr.V.Malathi	CYBER SECURITY	Machine Learning Techniques for Predicting Teacher Stress and Self Efficacy in Student Behaviour Management	202421068873 A	11.09.2024
94.	Dr.D.Shanmugavadivel , M.A.Prasad , K.Ponnumani	B COM	Effective Business Communication in the digital Age: Strategies for Success	202421059448 A	06.08.2024
95.	Dr.J. Nancy Sebastina	B.Com BA	Entrepreneurial Competency Prediction using Machine Learning	202441094771A	2.12.2024

96.	Dr. D. Sujini Dr.S. Arun Priya	BPS	Harnessing AI and Machine Learning for Advanced Portfolio Management Framework Model in the Investment Sector	202441094892 A	03.12.2024
97.	Mr.C. Balaji Dr.C. Mohana Priya Ms.C. Radhiya Devi	B.Com BA	Tomato leaf Disease Prediction using VGG16 And CNN	2.02441E+11	04.09.2024
98.	Dr.S.Renugadevi	CSCA	Exploring the importance of emotional intelligence in retailing	202541010052	06.02.2025
99.	Mrs.J.Krithika, Mr.R.Suresh	CSCA	Method for Efficiently Encoding and Decoding Mathematical Functions in Computer System	202541009775 A	06.02.2025
100.	Dr.S.Saranya Dr.C.Kumuthini ,	AIML	Fake Profile Detection Using Machine Learning	202541009234 A	04.02.2025
101.	Dr.R.Suresh	CSCA	Leveraging AI for Employee Engagement and Retention in HRM	12341453	10.03.2025
102.	Mrs.V.Bakyalakshmi , Dr.M.Sangeetha, Dr.Angeline Prasanna, Mrs.R.Anitha	Computer Science	Face Surgery Robotic Apparatus	6426645	27.02.2025
103.	Dr.V.Yuvaraj	BCA	Big Data Analytics Computer Server for Cloud Computing	6420160	Grant Date: 06.02.2025
104.	Dr. Vijayalakshmi K	BCA	Facial and Iris Recognition Device for Attendance Management	6442415	14-05-25
105.	Dr.D.Malarvizhi	BCOM IT	Data Processing Equipment for E-Commerce Fraud Detection	6426551	27/2/2025
106.	Dr.K.Thenmozhi Mrs.A.Sathiya Priya ,	IT	Road Accident Analysis Using Machine Learning	202541013501 A	28.02.2025

107.	Dr.S.Gokilamani	Mathematics	Method for Efficiently Encoding and Decoding Mathematical Functions in Computer System	202541009775 A	21.02.2025
108.	Mrs.P.Menaka	IT	AI-Powered platform For Personalized English Language Learning and proficiency Assessment	202541038286	21.04.2025
109.	Dr.P.Sathyapriya, Dr.P.Amuthanayaki	B& I	Automated Sorting and classification of Vegetables and rice in online grocery systems using artificial Intelligence	202541021152 A	08.03.2025

Copyrights granted: 13

S.No .	Name of the Staff	Type of IPR	Work	Registration No. & Date
1	Dr. D. Sridevi Shilp Joy (Student) Food Science and Nutrition	Copyrights	Procreation of cow and soy curd by using starter culture as fermented rice rinsed water	L-70252/2017 15.11.2017
2	Dr. D. Sridevi Rekha Krishnan K(Student) Food Science and Nutrition	Copyrights	Unlocked pages of pcos (away from futile to fertile)	L-79221/2018 29.11.2018
3	Prof.P.Kanneshwari S.Rohini (Student) Food Science and Nutrition	Copyrights	A study on development and organoleptic evaluation of omega-3-enriched ice cream	L-98349/2021 11.01.2021
4	Dr. D. Sridevi S.Ruba (Student) Food Science and Nutrition	Copyrights	A study on formulation and standardization of spriggy papad	L-98338/2021 11.01.2021
5	Prof.R.Shivani V.Sruthy (Student) Food Science and Nutrition	Copyrights	A study on development of tempeh incorporated with soybean, barley, kidney bean and analysis of its nutritive value	L-98673/2021 15.01.2021
6	Prof. C. Abinaya 1. Vidhya (Student) Food Science and Nutrition	Copyrights	A study on the development and evaluation of iron rich cookies by using drumstick and agathi leaves	L-98674/2021 15.01.2021

7	Dr.Radha Palaniswamy	Copyrights	Insight into bioplastics – a simple guide to bioplastics	L108423/2021
8	Dr. D. Sridevi	Copyrights	Quality evaluation of Hajod stem (<i>Cissus quadrangularis</i>) powder fortified in pearl millet roti	L-139213/2023 (22.12.2023)
9	Dr. D. Sridevi	Copyrights	A study and development of nutrient-enriched syrup using watermelon seed milk	L-133721/2023 (29.09.2023)
10	Ms.M.Anjali	Copyrights	Development and formulation of pomegranate (<i>Punica granatum</i>) and ridge gourd (<i>Luffa acutangula</i>) incorporated edible spoon	L-133731/2023 (29.09.2023)
11	Mrs. H. Kavya Jyothi	Copyrights	Formulation and development of coconut milk kefir incorporated with <i>Abutilon indicum</i>	L-136170/2023 (14.11.2023)
12	Dr.D. Sridevi, D. Janani Gayathri	29.09.2023	Standardization and Quality Evaluation of Iron Enriched Gummies	L-133720/2023
13	Dr.R. Kavitha	11.09.2024	IOT Playbook: Strategies for Success	L-153499/2024

No. of IPs generated, published and granted: 122

Patents Published: 109

Copyrights Granted: 13

S.No	Name of Inventor	Name of Department	Title of the Invention	Application Number	Date
1.	Dr.V. Gopala Krishnan	Physics	Deep Learning Approach for Brain Tumor Detection and Classification using Multistage Convolutional Neural Networks	202241074703 A	30.12.2022
2.	Dr.K.Girija	Physics	Formation of Single Crystalline novel LaFeO ₃ dendritic nanostructures via a well-controlled hydrothermal process for dopamine analytical detection,	202241060606 A	28.10.2022
3.	Dr.K.Santhi	Information Technology	A Smart Locking System for Vehicle	202221030740 A	29-05-2022

			Using IOT and Cloud Technique and Server		
4.	Dr.R.Prabha	Information Technology	An IoT based system to predict the real-time collapsing probability of structures	202241041443 A	19-08-2022
5.	Dr.A.Y.Kettiramalangam	BPS	Implementation of six sigma methodologies to automate and ease the process of recruitment by human resource department	202241066587	20.11.2022
6.	Dr.N.Sathya	AI & ML	Artificial Intelligence Technique to automate the process of Steel Making	2.02241E+11	12.08.2022
7.	S.Gandhimathi	Commerce	An Artificial Intelligence Based Method For Detecting Advanced Tax Fraudulence	.202241074715 A	30.12.2022
8.	Mrs.M.Banurekha	Commerce	An Analysis of the Decision-Making Model for Human Resource Outsourcing based on quality and Quantity	202241039790A	2022
9.	S.Balamurugan , V.Gopala ,R.Ravi kumar	Physics	Deep learning approach for brain tumor detection and classification using multistage convolutional neural networks	202241074703	30.12.2022
10.	Dr.M.Kalimuthu	Commerce PA	Design of Smarter and automated Delivery systems for E-Commerce Sites for Safer and Tracked Delivery of Ordered Products	202241049723 A	Sep-22
11.	Dr.S.Mohan	BBA	Risk Perception and Portfolio Management of Equity Investors	Application No. 202241038455 A	Jul-22
12.	Dr.S.Kamalaveni	Commerce IT	AN ARTIFICIAL INTELLIGENCE BASED METHOD FOR DETECTING	202241074715 A	30-12-2022

			ADVANCED TAX FRAUDULENCE		
13.	C.Balaji	BA	Machine Learning and IoT based device to detect the Stress/happiness of Lecturers in Working Environment like institutions, colleges, University etc.	202341016738 A	24.3.2023
14.	Dr.K.Girija	Physics	An Efficient analytical assay of nanospindles as SERS substrate for Identification of Imidacloprid on the surface of Fruits	202241068186 A	27.01.2023
15.	Dr.R.Suganthi	Chemistry	Analysis And Detection Of Depression Severity Scores Based on EEG Signal Using Machine Learning Approach	202341001221 A	13-01-2023
16.	Dr. Radha Palaniswamy	Biotechnology	Synthesis of Emulgel from <i>Euphorbia hirta</i> and <i>Coccinia grandis</i> leaves	202341003608	18.01.2023
17.	Dr.K.Thenmozhi	Information Technology	E-requirement and it's Impact on Job Seekers	202311016737	13-03-2023
18.	Dr.S.Punitha	Physics	Artificial Intelligence Based Technique for Photovoltaic Fault Detection using various instruments	202341052594 A	01.09.2023
19.	Dr. Radha Palaniswamy	Biotechnology	Development of polyvinyl alcohol film incorporated with <i>Tridax procumbens</i> leaf extract for food packaging application	202341010286	16.02.2023
20.	Dr.M.Poongothai	Biotechnology	Optimization of Temperature for Extraction of Protease from Coconut Shells (<i>Cocos nucifera</i>) and its application in food industry.	202341015883	10.03.2023
21.	Dr.M.Poongothai	Biotechnology	Bio-plastic production from peduncle and peel of <i>Musa paradisiaca</i> –	202341015884	10.03.2023

			An eco friendly approach		
22.	Dr. K. Rajathi	Biochemistry	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	202341015886	10.03.2023
23.	Dr.K. Rajathi	Biochemistry	Design and implementation of IOT Technology in for Accident Detection and Emergency Vehicle Tracking	202341015889	10.03.2023
24.	Dr.N. Vanitha	Information Technology	Chronic Kidney Disease Detection Using Machine Learning Techniques	202341010284	16.02.2023
25.	Dr. R. Senthil Kumar	Cognitive System	IoT Based College Bus Tracking and Surveillance	202341010285	16.02.2023
26.	Dr. S. Rekha	Information Technology	Face Recognition based Attendance System	202341010289	16.02.2023
27.	Dr. D. Sridevi	Food Science and Nutrition	A Study on Formulation and Quality Evaluation of Minor Millets Condensed Milk	202341018715	20.03.2023
28.	Dr. D. Sridevi	Food Science and Nutrition	Formulation of Soup Strips Using Pam Vegan Soup Mix	202341019084	23.03.2023
29.	Dr. D. Sridevi	Food Science and Nutrition	Volarization of Onion Through Formulation and Production of Ready-to-use Use Cubes with the Spices	202341018716	20.03.2023
30.	Dr. D. Sridevi	Food Science and Nutrition	A study on formulation and Standardization of Spriggy papad	202341019042	23.03.2023
31.	Ms. M. Anjali	Food Science and Nutrition	Formulation and Development of ice cream incorporated with <i>Spirulina</i> and ash gourd	202441002672	23.03.2023
32.	Dr. S. Senthil Prabhu	Microbiology	Red Cabbage Extract as Natural Redox Indicator in Methyl Red, Carbohydrate	202341054822	16.08.2023

			Fermentation and Citrate		
33.	Mr. V. Yuvaraj	BCA	A smart solid waste management in smart cities	202341035258	16.06.2023
34.	Mr. V. Yuvaraj	BCA	Clarification Of Fetal Health in Womb Using Cardiototogram Data And Machine Learning Approach	202321035280	23/06/2023
35.	Mr. V. Yuvaraj	BCA	Wireless Breast Cancer Detection	385386-001	24.07.2023
36.	Dr.K.Kavitha Dr. C.Kumuthini	BCA	IOT based monitoring system for inland vessels using sensor networks	202341042373	24.06.2023
37.	Mrs.Govardhini S	CSDA	Adulteration Monitoring Device	6322416	27-10-2023
38.	M.A.Prasad	B COM	Human Resources Analytics: A Systematic Examination of Hr Procedures	.20233108903 2 A	:27/12/2023
39.	Dr. Suganthi	CSDA	IOT Based Biogas Leakage Detecting, Real Time Weather Monitoring System Using IOT	399711-001	10.11.2023
40.	Dr.M. Banurekha	B COM	The Impact of Corporate Social Responsibility Disclosure on Firm Value and Financial Performance	202321041350 A	25-08-2023
41.	Dr.M.P. Kumaran	B COM	An Analysis of Fraud and Scams in the 25apita Financial system through an Investigation	202341048694 A	01-09-2023
42.	Dr.S.Gandhimathi	B COM	The Impact of Entrepreneurial Skills on The Development of Product Portfolios	202341064704 A	06.10.2023
43.	Dr.R.Chandrasekaran	FINANCE	Circuit Breaker analysis and Trading strategies	202341078386	17.11.2023
44.	Mr.C. Balaji	BA	Nasopharyngeal Swab Sampling Robot	6330076	1.12.2023
45.	Dr.R.Senthil Kumar	Cognitive Systems	Chronic Kidney Disease Detection Using Machine Learning Techniques	202341010284 A	16.02.2023
46.	Mrs.R.Ranjani	CSDA	Medicine Expiry Detector	6341997	25-01-2024

47.	Dr.M.Banurekha	B COM	The Role of Conceptions of Design Thinking in Management Discussions	202431002752	13.01.2024
48.	Dr.D.Shanmugavadi vel	B COM	The implementation of an artificial Intelligence based algorithim in the product information security system for international trade	202421001239 A	06.01.2024
49.	Dr.S.Rengadevi	CSCA	Students Ethics in the Academic Research Real Behaviour Versus Expectations	2.02441E+11	01.02.2024
50.	Mr.C. Balaji	BA	Detection of Phishing Using Machine Learning Neural Network	202441037617 A	03-05-2024
51.	Dr. C. Hemalatha	CLT	Formulation and Evaluation of Organic Lip Balm using <i>Beta vulgaris</i> , <i>Aloe barbadensis</i> Miller and <i>Clit</i>	202441002670	13.01.2024
52.	Dr. C. Sasikala	Microbiology	Development of Paper using Bio-waste of Water Hyacinth (<i>Eichhornia crassipes</i>)	202441002666	13.01.2024
53.	Ms. D. Jancy Rani	Food Science and Nutrition	Development of <i>Muntingia calabura</i> Candy for Hypertension Patients	202441002671	13.01.2024
54.	Dr. G. Malarvizhi	CDF	Development of Anti Pesticide finished jute apron for farmers	202441002673	13.01.2024
55.	Ms. G. Priyaalini	Food Science and Nutrition	Development of Instant Soup Mix Comprising Sprouted Wheat and <i>Trigonella foenum-graecum</i> Leaves	202441002680	13.01.2024
56.	Ms. D. Jancy Rani	Food Science and Nutrition	Formulation and Standardization of <i>Drynaria quercifolia</i> Gummies	202441007560	05.02.2024
57.	Ms. M. Rakeshwari	Food Science and Nutrition	Development and formulation of boba balls incorporated with guava leaves (<i>Psidium guajava</i>)	202441003496	18.01.2024

58.	Dr. M. Suganthi	Chemistry	Development of Leaf curd protein incorporated peanut spread	202441007896	06.02.2024
59.	Mrs. S. Madhumitha	Food Science and Nutrition	Kombucha fermented fruit 27apitate27 Beverage	202441002676	13.01.2024
60.	Ms. M. Anjali	Food Science and Nutrition	Standardization and development of Khakhra Incorporated with resistant starch extracted from Oats	202441002672	13.01.2024
61.	Dr. J. Martin Sam Gnaraaj	Physics	Fabrication of portable water filter using reduced Graphene Oxide	202441007894	06.02.2024
62.	Dr. Meera Raman	Food Science and Nutrition	Design and development of Standardized Protein rich herbal (<i>Thymus vulgaris</i>) Short Bread	202441002675	13.01.2024
63.	Dr. V. Kavitha	CDF	Design and Development of fire-retardant curtains using banana fiber for air-conditioned buses	202441002667	13.01.2024
64.	Ms. U. Rasikha	Food Science and Nutrition	Development and standardization of Value-Added dip from Red Banana peel powder for Obesity	202441002674	13.01.2024
65.	Dr. M. Thiruselvi	CLT	Formulation and evaluation of Poly Herbal Anti scar cream	202441003477	13.01.2024
66.	Dr. T. R. Indumathi	CDF	Design and development of Herbal Facial beauty mask	202441002668	13.01.2024
67.	Dr. S. Gowri	Biochemistry	Polyherbal hand cleanser and preparation method thereof	202441007895	06.02.2024
70.	Dr. N. Kannikaparam eswari	Biochemistry	Development and Evaluation of Novel film wound dressing loaded with the herbal extract	2258	10.01.2024
71.	Dr. K. Rajathi	Biochemistry	Development of Herbal Based Gloves Coated in cotton fabric with <i>Valeriana officinalis</i> extract with e	202441002433	12.01.2024
72.	Dr. S. Kokila	CLT	Development of Bio-anti dandruff shampoo based on herbal source	202441002669	13.01.2024

			<i>Mangifera indica</i> Kernel and Protei		
73.	Ms. P.P. Abhirami	Food Science and Nutrition	Standardization of Tortilla chips with <i>Brassica oleracea</i> var, 28apitate <i>F. rubra</i> , <i>Spinacia oleracea</i>	202441002677	13.01.2024
74.	Ms.G.Priyalini	Food Science and Nutrition	Development of Instant Soup Mix Comprising Sprouted Wheat and <i>Trigonella foenum-graecum</i> Leaves	202441002671	13-01-2024
75.	Dr. M.N. Kathiravan Dr. P. Arun, Dr.M.Shanmugavadi vu, Dr.M.Poongothai, Dr. K.Kalimuthu Dr.P.Chidambara Rajan	Biotechnology	AI Based Chlorophyll Determination Device in Leaf Tissues	421987-001	07.06.2024
76.	Dr. Suganthi Ramasamy	Biotechnology	Method of Making Cookie with Fortified Black Rice Thereof	202441048470	25-06-2024
77.	Dr.S. Maheshwari Dr.K.Thenmozhi	Computer Science	Multi-Purpose Smart Assistant for Visually impaired	202421065427 A	29.08.2024
78.	Dr. R. Menaka Dr. J. Saranya Dr. V. Nijarubini Dr. P. Kavitha	Chemistry	Degradation of Organic Pollutants Using Novel Metal-Organic Frameworks	202441095265 A	03.12.2024
79.	Dr.P.Usha Mrs.S.R.Kalaiselvi ,	Computer Science	Prevention of Cyberbullying through Machine Learning Algorithms	202441100952 A	19.12.2024
80.	Dr.B.Sivaranjani	Computer Science	Forgery Detection by using Extracted ELA Features Using CNN	202441098417 A	20.12.2024
81.	Dr.S.Uma	Computer Science	The Impact of Augmented Reality (AR) on Consumer Engagement and Purchase Decisions	2.02441E+11	19.12.2024
82.	Dr.M.Aruna	CT	IoT Based Automated Security Alert and Rescue System for Intelligence Department using AI	202441058612 A	02.08.2024
83.	Dr.J.Savitha	IT	IOT Social Distancing And Monitoring Robot	426983-001	14-08-2024

84.	Dr.K.Banuroopa	IT	Predicting Cloudburst Events Using Machine Learning Algorithms: A Data-Driven Approach to Enhance Weather Forecasting Accuracy	202411083471 A	30-10-2024
85.	Dr.R.Senthil Kumar	Cognitive Systems	IoT based college bus tracking and surveillance	202341010285 A	16.02.2024
86.	Dr.V.Sangeetha	CSDA	Intelligent Path Travel Cost Estimation in Large-Scale Networks Using Advanced Machine Learning	202441064131	26.08.2024
87.	Ms.S.Govardhini	CSDA	AI-Based Neurochemical Sensing Microarray Unit	425669-001	02.08.2024
88.	Dr.R.Suganthi	CSDA	Hybrid Approaches For Efficient Routing And Energy Usage In IOT Devices	202411080815	23.10.2024
89.	Mrs.J.Vinitha	AIML	Airport Route Analysis Using Machine Learning	202441103368	26-12-2024
90.	Dr.P. Deepika, Dr.N.Sathy, P.Shanthi, T.Hashni	AIML	Prediction of waterflow depth using machine learning	202441102002 A	23-12-2024
91.	Mrs. Vinitha Ardhanareeswara Moorthi	CYBER SECURITY	Smart Voice Assisted Computer Device for Visually Impaired Students	6396815	18.10.2024
92.	Dr.V.Shobana	CYBER SECURITY	Smart Pain Reliever for Women	202421070175	17.09.2024
93.	Dr.V.Malathi	CYBER SECURITY	Machine Learning Techniques for Predicting Teacher Stress and Self Efficacy in Student Behaviour Management	202421068873 A	11.09.2024
94.	Dr.D.Shanmugavadi vel , M.A.Prasad , K.Ponnumani	B COM	Effective Business Communication in the digital Age: Strategies for Success	202421059448 A	06.08.2024
95.	Dr.J. Nancy Sebastina	B.Com BA	Entrepreneurial Competency Prediction using Machine Learning	202441094771 A	2.12.2024
96.	Dr. D. Sujini Dr.S. Arun Priya	BPS	Harnessing AI and Machine Learning for Advanced Portfolio Management	202441094892 A	03.12.2024

			Framework Model in the Investment Sector		
97.	Mr.C. Balaji Dr.C. Mohana Priya Ms.C. Radhiya Devi	B.Com BA	Tomato leaf Disease Prediction using VGG16 And CNN	2.02441E+11	04.09.2024
98.	Dr.S.Renugadevi	CSCA	Exploring the importance of emotional intelligence in retailing	202541010052	06.02.2025
99.	Mrs.J.Krithika, Mr.R.Suresh	CSCA	Method for Efficiently Encoding and Decoding Mathematical Functions in Computer System	202541009775 A	06.02.2025
100.	Dr.S.Saranya Dr.C.Kumuthini	AIML	Fake Profile Detection Using Machine Learning	202541009234 A	04.02.2025
101.	Dr.R.Suresh	CSCA	Leveraging AI for Employee Engagement and Retention in HRM	12341453	10.03.2025
102.	Mrs.V.Bakyalakshmi , Dr.M.Sangeetha, Dr.Angeline Prasanna , Mrs.R.Anitha (BCOM IT)	Computer Science	Face Surgery Robotic Apparatus	6426645	27.02.2025
103.	Dr.V.Yuvaraj	BCA	Big Data Analytics Computer Server for Cloud Computing	6420160	Grant Date: 06.02.2025
104.	Dr. Vijayalakshmi K	BCA	Facial and Iris Recognition Device for Attendance Management	6442415	14-05-25
105.	Dr.D.Malarvizhi	BCOM IT	Data Processing Equipment for E-Commerce Fraud Detection	6426551	27/2/2025
106.	Dr.K.Thenmozhi , Mrs.A.Sathiya Priya	IT	Road Accident Analysis Using Machine Learning	202541013501 A	28.02.2025
107.	Dr.S.Gokilamani	Mathematics	Method for Efficiently Encoding and Decoding Mathematical Functions in Computer System	202541009775 A	21.02.2025
108.	Mrs.P.Menaka	IT	AI-Powered platform For Personalized English Language Learning and proficiency Assessment	202541038286	21.04.2025
109.	Dr.P.Sathya Priya, Dr.P.Amuthanayaki	B& I	Automated Sorting and classification of	202541021152 A	08.03.2025

			Vegetables and rice in online grocery systems using artificial Intelligence		
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Copyrights granted

S.No .	Name of the Staff	Type of IPR	Work	Registration No. & Date
1	Dr. D. Sridevi Shilp Joy (Student) Food Science and Nutrition	Copyrights	Procreation of cow and soy curd by using starter culture as fermented rice rinsed water	L-70252/2017 15.11.2017
2	Dr. D. Sridevi Rekha Krishnan K(Student) Food Science and Nutrition	Copyrights	Unlocked pages of pcos (away from futile to fertile)	L-79221/2018 29.11.2018
3	Prof.P.Kanneshwari S.Rohini (Student) Food Science and Nutrition	Copyrights	A study on development and organoleptic evaluation of omega-3-enriched ice cream	L-98349/2021 11.01.2021
4	Dr. D. Sridevi S.Ruba (Student) Food Science and Nutrition	Copyrights	A study on formulation and standardization of spriggy papad	L-98338/2021 11.01.2021
5	Prof.R.Shivani V.Sruthy (Student) Food Science and Nutrition	Copyrights	A study on development of tempeh incorporated with soybean, barley, kidney bean and analysis of its nutritive value	L-98673/2021 15.01.2021
6	Prof. C. Abinaya 1. Vidhya (Student) Food Science and Nutrition	Copyrights	A study on the development and evaluation of iron rich cookies by using drumstick and agathi leaves	L-98674/2021 15.01.2021
7	Dr.Radha Palaniswamy	Copyrights	Insight into bioplastics – a simple guide to bioplastics	L108423/2021
8	Dr. D. Sridevi	Copyrights	Quality evaluation of Hajod stem (<i>Cissus quadrangularis</i>) powder fortified in pearl millet roti	L-139213/2023 (22.12.2023)
9	Dr. D. Sridevi	Copyrights	A study and development of nutrient-enriched syrup using watermelon seed milk	L-133721/2023 (29.09.2023)
10	Ms.M.Anjali	Copyrights	Development and formulation of pomegranate (<i>Punica granatum</i>) and ridge gourd (<i>Luffa actangula</i>) incorporated edible spoon	L-133731/2023 (29.09.2023)
11	Mrs. H. Kavya Jyothi	Copyrights	Formulation and development of coconut milk kefir incorporated with <i>Abutilon indicum</i>	L-136170/2023 (14.11.2023)
12	Dr.D. Sridevi, D. Janani Gayathri	29.09.2023	Standardization and Quality Evaluation of Iron Enriched Gummies	L-133720/2023
13	Dr.R. Kavitha	11.09.2024	IOT Playbook: Strategies for Success	L-153499/2024

No. of Student & Faculty Start-ups/Ventures established-10

S.No	Department	Name of the Student	Company Name
1	B. Com CA	Mr. Tharun G	PR Group – Water Appliance
2	B. Com CA	Mr. Balaji S	KC Industries
3	Commerce Finance	Mr. Vaanmuhil J	Grab Shot
4	BBA	Mr. Gowtham R	Gowra Chemicals and Solutions
5	BBA	Mr. Manoj Pandian S	Harishma Fireworks
6	BPS	Mr. P Pragadheswaran	G Crown Garments
7	B. Com IB	Mr. Chauhan Sumit Jagadish	New Shankar Timber and Plywoods
8	B.Com IB	Mr. Sangeeth Kumar R	Malabar Event Management
9	BCA	Mr. Senthil	Guvino technologies
10	Alumni Startup	Mr. S. Thamilselvan	Jeevan tech Digital Innovations

1. Mr. Vaanmuhil J

<div style="text-align: center;">  <p>Government of India Form GST REG-06 (See Rule 107)(1)</p> <p>Registration Certificate</p> <p>Registration Number : 33CMOPJ8054K12L</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>1. Legal Name</td> <td>VAANMUHIL JAYAPRAKASH MANIYAMMAI</td> </tr> <tr> <td>2. Trade Name, if any</td> <td>Grab Spot</td> </tr> <tr> <td>3. Additional trade names, if any</td> <td></td> </tr> <tr> <td>4. Constitution of Business</td> <td>Proprietary</td> </tr> <tr> <td>5. Address of Principal Place of Business</td> <td>Building No. Flat No.: A6 Road Street: ELANGO NAGAR, TNB COLONY, CIVIL AERODROME City/Town/Village: Coimbatore District: Coimbatore State: Tamil Nadu PIN Code: 641014</td> </tr> <tr> <td>6. Date of Liability</td> <td></td> </tr> <tr> <td>7. Period of Validity</td> <td>From: 06/05/2025 To: Not Applicable</td> </tr> <tr> <td>8. Type of Registration</td> <td>Regular </td> </tr> <tr> <td>9. Particulars of Approving</td> <td>Centre</td> </tr> <tr> <td colspan="2"> <p>Signature</p> <p>Signature Not Verified Digitally generated Registration Certificate and Goods and Services Tax (GST) Act, 2017 Date: 20/05/2025 at 12:11:17</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name</td> <td>RAMANI ICS</td> </tr> <tr> <td>Designation</td> <td>Superintendent</td> </tr> <tr> <td>Jurisdictional Office</td> <td>CHENNAI</td> </tr> <tr> <td>Date of Issue of Certificate</td> <td>06/05/2025</td> </tr> </table> <p>Note: The registration certificate is required to be prominently displayed at all places of business in the State.</p> <p>This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 06/05/2025 by the jurisdictional authority.</p> </td> </tr> </table> </div>	1. Legal Name	VAANMUHIL JAYAPRAKASH MANIYAMMAI	2. Trade Name, if any	Grab Spot	3. Additional trade names, if any		4. Constitution of Business	Proprietary	5. Address of Principal Place of Business	Building No. Flat No.: A6 Road Street: ELANGO NAGAR, TNB COLONY, CIVIL AERODROME City/Town/Village: Coimbatore District: Coimbatore State: Tamil Nadu PIN Code: 641014	6. Date of Liability		7. Period of Validity	From: 06/05/2025 To: Not Applicable	8. Type of Registration	Regular 	9. Particulars of Approving	Centre	<p>Signature</p> <p>Signature Not Verified Digitally generated Registration Certificate and Goods and Services Tax (GST) Act, 2017 Date: 20/05/2025 at 12:11:17</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name</td> <td>RAMANI ICS</td> </tr> <tr> <td>Designation</td> <td>Superintendent</td> </tr> <tr> <td>Jurisdictional Office</td> <td>CHENNAI</td> </tr> <tr> <td>Date of Issue of Certificate</td> <td>06/05/2025</td> </tr> </table> <p>Note: The registration certificate is required to be prominently displayed at all places of business in the State.</p> <p>This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 06/05/2025 by the jurisdictional authority.</p>		Name	RAMANI ICS	Designation	Superintendent	Jurisdictional Office	CHENNAI	Date of Issue of Certificate	06/05/2025	<p style="text-align: right;">Annexure B</p> <div style="text-align: center;">  <p>Goods and Services Tax Identification Number: 33CMOPJ8054K12L</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Legal Name</td> <td>VAANMUHIL JAYAPRAKASH MANIYAMMAI</td> </tr> <tr> <td>Trade Name, if any</td> <td>Grab Spot</td> </tr> <tr> <td colspan="2"> <p>Details of Proprietor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>1</td> <td>Name</td> <td>VAANMUHIL JAYAPRAKASH</td> </tr> <tr> <td></td> <td>Designation/Status</td> <td>proprietor</td> </tr> <tr> <td></td> <td>Resident of State</td> <td>Tamil Nadu</td> </tr> </table> </td> </tr> </table> </div>	Legal Name	VAANMUHIL JAYAPRAKASH MANIYAMMAI	Trade Name, if any	Grab Spot	<p>Details of Proprietor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>1</td> <td>Name</td> <td>VAANMUHIL JAYAPRAKASH</td> </tr> <tr> <td></td> <td>Designation/Status</td> <td>proprietor</td> </tr> <tr> <td></td> <td>Resident of State</td> <td>Tamil Nadu</td> </tr> </table>		1	Name	VAANMUHIL JAYAPRAKASH		Designation/Status	proprietor		Resident of State	Tamil Nadu
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	Resident of State	Tamil Nadu																																										

1. Mr. P Pragadheswaran



Government of India
Form GST REG-06
(See Rule 10(1))

Registration Certificate

Registration Number : 33GYHPP1595N1Z0

1. Legal Name	P PRAGADHESWARAN			
2. Trade Name, if any	G CROWN GARMENTS			
3. Additional trade names, if any	null			
4. Constitution of Business	Proprietorship			
5. Address of Principal Place of Business	No.1D, Aathuppallyam Road, Anuppalayam, Tiruppur, Tamil Nadu, 641652			
6. Date of Liability				
7. Period of Validity	From	23/09/2022	To	Not Applicable
8. Type of Registration	Regular			
				
9. Particulars of Approving Authority Signature				
<small>Signature for Verification TAX & FEDERAL SERVICES TAX & FEDERAL Date: 2022-09-23 08:30:41 IST</small>				
<small>Name: GEETHA Designation: Assistant Commissioner Jurisdictional Office: ANUPPAPALAYAM 9. Date of issue of Certificate: 23/09/2022</small>				
<small>Note: The registration certificate is required to be prominently displayed at all places of business in the State.</small>				

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 23/09/2022 by the jurisdictional authority.

Annexure B



GSTIN 33GYHPP1595N1Z0
Legal Name P PRAGADHESWARAN
Trade Name, if any G CROWN GARMENTS
Additional trade names, if any null

Details of Proprietor

1		Name P PRAGADHESWARAN
		Designation/Status PROPRIETORSHIP
		Resident of State Tamil Nadu

3. Mr. Chauhan Sumit Jagadish



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम भवालय
Ministry of Micro, Small and Medium Enterprises

MSME
माला, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

NAME OF ENTERPRISE

TYPE OF ENTERPRISE *

S.No.	Classification Year	Enterprise Type	Classification Date
1	2025-26	Micro	17/04/2025

MAJOR ACTIVITY

SOCIAL CATEGORY OF ENTREPRENEUR

NAME OF UNIT(S)

OFFICIAL ADDRESS OF ENTERPRISE

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

DATE OF UDYAM REGISTRATION

UDYAM-TN-28-0170217

NEW SHANKAR TIMBER AND PLYWOODS

MANUFACTURING

OBC

S.No.	Name of Unit(s)		
1	53/a		
Flat/Door/Block No.	53/a	Name of Premises/ Building	New Shankar Timber and plywood
Village/Town	Palayakadu	Block	Tiruppur north
Road/Street/Lane	Uthukkuli main road	City	Palayakadu
State	TAMIL NADU	District	TIRUPPUR , Pin 641601
Mobile	7984246410	Email:	chauhansumit2915@gmail.com

09/04/1999

09/04/1999

S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	13 - Manufacture of textiles	1313 - Finishing of textiles	13132 - Finishing of silk and blended silk textiles.	Manufacturing

17/04/2025

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the Mo MSME.
Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:- 17/04/2025

4. Mr.Balaji S

 UDYAM REGISTRATION CERTIFICATE																			
UDYAM REGISTRATION NUMBER		UDYAM-TN-03-0264192																	
NAME OF ENTERPRISE																			
KC INDUSTRIES																			
TYPE OF ENTERPRISE *																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">S.No.</td> <td style="width: 20%;">Classification Year</td> <td style="width: 20%;">Enterprise Type</td> <td style="width: 50%;">Classification Date</td> </tr> <tr> <td>1</td> <td>2025-26</td> <td>Micro</td> <td>24/04/2025</td> </tr> </table>				S.No.	Classification Year	Enterprise Type	Classification Date	1	2025-26	Micro	24/04/2025								
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MANUFACTURING																			
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GENERAL																			
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Flat/Door/Block No.	24/66	Name of Premises/Building	Balaji Sampath																
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OFFICIAL ADDRESS OF ENTERPRISE																			
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE																			
01/01/1997																			
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS																			
01/01/1997																			
NATIONAL INDUSTRY CLASSIFICATION CODE(S)																			
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5. Mr. Tharun G

6/28/25, 12:47 PM billing.hydroworld.in/quotation_entry/new_print.php?id=10827&sales_no=QUO-2506-01278&random_no=76458&random_s...

 PR Groups No.5/462-1, first floor,Tirupur main road, Near Haribhavanam Hotel,Avinashi-641654 GSTIN No :33ABEFP4149A1Z0			E-MAIL : hydroworldtiruppur@gmail.com				QUOTATION		
BILL TO: Kavipriya - Tirupur Tirupur Mobile No : 9597959027 State : Tamil Nadu(33) Pincode : GSTIN No : 0			DELIVERY TO: Kavipriya - Tirupur Tirupur Mobile No : 9597959027 State : Tamil Nadu(33) Pincode : GSTIN No : 0				Bill No : QUO-2506-01278 Date : 28-06-2025 EWay Bill No :		
S.No	Category	Product	HSN Code	Qty	Base Rate	Amount	Tax%	Tax Value	Total Amount
1	Housing	RO Bracket housing - RO (Nos)	842121	1	550.80	550.80	18%	99.14	649.94
2	Paras	Sediment cartridge - 10 inch slim (Nos)	84212120	1	296.60	296.60	18%	53.39	349.99
3	CUCKOO	RO - Dew Pond (Nos)	8421	1	22,873.00	22,873.00	18%	4,117.14	26,990.14
Total:			3.00	3.00	23,720.40	4,269.67	27,990.07		
TWENTY SEVEN THOUSANDS NINE HUNDRED AND NINETY ONLY						Packing & Loading Charge : 0.00 Transport Charge : 0.00 Service Tax(18%) : 0.00 Service Charge : 0.00			
Tax Rate	Taxable Amt.	CGST Amt.	SGST Amt.	Total Tax	Round off : -0.07 Net Amount : 27,990.00				
NOTE: * 100 % advance payment. * Additional accessories extra charges. * Plumbing charges extra. * Transport charges extra.			A/C Name : P.R GROUPS Bank : Tamilnad Mercantile Bank A/C No : 245150050800536 IFSC Code : TMBL0000245 A/C Type : Current Branch : Avinashi			Receiver Signature For PR Groups (Signature is not required for online bills)		Authorised Signatory	

6. Mr. Sangeeth Kumar R

4/17/25, 3:06 PM

Print : Udyam Registration Certificate

 <p>भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises</p>  <p>मिस्र, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES</p>																							
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SOCIAL CATEGORY OF ENTREPRENEUR		OBC																					
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Incubators at Dr.N.G.P. Beginners Business Council

1. Student Incubators



2. Alumni Incubator/Incubatee Jeevan Tech Digital Innovations

As a premier digital and technology firm, specialized in designing and implementing scalable digital solutions for diverse sectors—including Healthcare, Education, E-Commerce, IT Services, Textiles & Garments, and Real Estate—underpinned by rigorous data analysis and a primary focus on return on investment.



MoU signed between Dr.N.G.P. Beginners Business Council and Jeevan Tech Digital Innovations on 05.05.2025

- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: **Rs. 2,94,000/-**
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: **Rs. 2,55,16,821/-**
- **No. of Technology Transfer and Commercialization happened: 50**

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details
1	IR2025-974549		IoT-BASED VEHICLE SAFETY IN HILLY TERRAIN: HAIRPIN BEND VEHICLE RECOGNITION TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Roselin A roselin.a@drngpasc.ac.in 8667028989 Faculty 2428
2	IR2025-963985	05-07-2025	Environmental, Social and Governance (ESG) Funds: Awareness and Investment Intention Among Retail Investor's TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	kandasamy C ckandasamy@drngpasc.ac.in 9976656576 Faculty 1350
3	IR2025-967601	05-07-2025	FINLIT FRIEND TRL Title - TRL 1	2024-25	Independent Assignment/Non-academic Study Project	VAANMUHIL JAYAPRAKASH MANIYAMMAI jmvaanmuhi04@gmail.com 6385561272 Student 231FI025
4	IR2025-970144	03-07-2025	DIETARY FIBER EXTRACTION FROM CASSAVA LEAVES AND SWEET POTATOES AND FUNCTIONAL POTENTIAL FOR VALUE ADDED PRODUCT AND DIETARY APPLICATION TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.Gowri.S drgowri@drngpasc.ac.in 9865971843 Faculty 101
5	IR2025-970471	03-07-2025	VEHICLE VIOLATION DETECTION AND FINE PROCESSING USING YOLOv5 TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.R.Senthil Kumar senthilkumar.r@drngpasc.ac.in 9790189828 Faculty
6	IR2025-973305	08-07-2025	Enhancing Fishermen Safety with Border Alerting System using IoT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.R.PRABA praba@drngpasc.ac.in 9003828815 Faculty 1707
7	IR2025-973674	03-07-2025	Physical and chemical properties of varieties of banana; Development and standardization of electrolyte coated edible cups TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dencili Verginiya L dencililucas@gmail.com 9489721189 Student 232FN011

8	IR2025-973675	Temperature Monitoring and Overheat Detection TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	menaka@drngpasc.ac.in 9600974057 Faculty 1065
9	IR2025-973706	TRANSFORMING STARCHY BANANAS INTO SWEETENERS: A STUDY ON THE FORMULATION AND ITS PHYSICOCHEMICAL PROPERTIES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	KAVISRI SM kavisreemanoharan@gmail.com 6369752466 Alumni STUDENT
10	IR2025-973823	IOT BASED: SMART DOOR LOCKING SYSTEM TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	VISHNU PRIYA.S vishnupriya.s2011@gmail.com 9585853028 Faculty B/TS/2601
11	IR2025-973901	05-07-2025 PREDICTING CYBER ATTACK USING MACHINE LEARNING TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.B.Leelavathi leelavathi@drngpasc.ac.in 9751811144 Faculty 1592
12	IR2025-973916	TRAVELOPEDIA CONNECT TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	M.Sowndharya sowndharya.m@drngpasc.ac.in 7010651956 Faculty b/ts/2538
13	IR2025-974428	Medical image analysis TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Sangeetha .V sangeetha.v@drngpasc.ac.in 9500451963 Faculty 2645
14	IR2025-962523	03-07-2025 DESIGN AND EVALUATION OF 4-NITRO ANILINE DERIVED PYRAZOLINES- INTEGRATING DFT, DOCKING AND PHARMACOKINETICS STUDIES TRL Title - TRL 3	2024-25	Academic Requirement/Study Project	BALAMURUGAN S balathilak2002@gmail.com 9345790053 Student 232CE003
15	IR2025-974574	03-07-2025 HYDROGEL BEVERAGE FORMULATION AND STANDARDISATION USING BANANA FLOUR AND NATURAL POLYSACCHARIDES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	DHARSHANA K dharshana19082002@gmail.com 7639854747 Student 232FN012
16	IR2025-974602	ISOLATION OF <i>Lactobacillus plantarum</i> FROM UNDERUTILIZED STAR FRUIT (<i>Averrhoa carambola</i>) AND EXTRACTION OF BIOPRESERVATIVE FOR STABILITY ENHANCEMENT OF FRUIT JUICES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Jenisha Priyadarshini R jenishapriya19@gmail.com 8925441184 Student 232FN016
17	IR2025-974823	CHILD AND MATERNAL MORTALITY RISK FACTOR ANALYSIS USING MACHINE LEARNING TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Ranjani R ranjani@drngpasc.ac.in 9677874080 Faculty 2053
18	IR2025-974851	SUICIDAL MENTALITY PREDICTION FROM TEXTUAL DATA USING NLP AND ML TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.S.Saranya saranyas@drngpasc.ac.in 9566845294 Faculty 379
19	IR2025-974903	04-07-2025 Chatbot for Mental Health Support Using NLP TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Karpagam C karpagam@drngpasc.ac.in 9842497067 Faculty 921
20	IR2025-974985	08-07-2025 SOLAR POWER MONITORING AND MANAGEMENT USING IOT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.A.Adhiselvam adhiselvam.a@drngpasc.ac.in 7010220876 Faculty 2201

22	IR2025-975065	06-07-2025	MULTILINGUAL BILLING SYSTEM TRL Title - TRL 3	2024-25	Academic Requirement/Study Project	POORANA SENTHILKUMAR S pooranasenthilkumar@drngpasc.ac.in 9865364748 Faculty 425
23	IR2025-975585	08-07-2025	YOLO-Powered Smart Entry System TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.M.Sangeetha sangeetha.m@drngpasc.ac.in 9524804926 Faculty B/TS/1958
24	IR2025-975644		AUTOMATIC PLANT WATERING SYSTEM USING IN IOT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr. B.SIVARANJANI sivaranjani@drngpasc.ac.in 9843268432 Faculty 338
			IMPACT OF DIVERSITY AND INCLUSION ON ORGANISATIONAL PERFORMANCE		Academic	Dr.M.Ganesan ganesan@drngpasc.ac.in

QUICK LINKS

SOCIAL MEDIA LINKS

CONTACT US

INSTITUTE /

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details
1	IR2025-974549		IoT-BASED VEHICLE SAFETY IN HILLY TERRAIN: HAIRPIN BEND VEHICLE RECOGNITION TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Roselin A roselin.a@drngpasc.ac.in 8667028989 Faculty 2428
2	IR2025-992693		BioElectroPlastiGen: Dual-Action Microbial System for Simultaneous Plastic Waste Degradation and Electricity Generation TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	K. Shafana Parveen meharunisha78616@gmail.com 8667094840 Student 24PGMIC0002
3	IR2025-975731		IMPACT OF DIVERSITY AND INCLUSION ON ORGANISATIONAL PERFORMANCE AND EMPLOYEE ENGAGEMENT AT KGISL, COIMBATORE, TAMILNADU, INDIA TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.M.Ganesan ganesan@drngpasc.ac.in 9865719156 Faculty B/TS/1519
4	IR2025-975644		AUTOMATIC PLANT WATERING SYSTEM USING IN IOT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr. B.SIVARANJANI sivaranjani@drngpasc.ac.in 9843268432 Faculty 338
5	IR2025-975585	08-07-2025	YOLO-Powered Smart Entry System TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.M.Sangeetha sangeetha.m@drngpasc.ac.in 9524804926 Faculty B/TS/1958
6	IR2025-975065	06-07-2025	MULTILINGUAL BILLING SYSTEM TRL Title - TRL 3	2024-25	Academic Requirement/Study Project	POORANA SENTHILKUMAR S pooranasenthilkumar@drngpasc.ac.in 9865364748 Faculty 425
7	IR2025-975029	14-06-2025	WILDLIFE FRIENDLY CAMERA SURVEILLANCE SYSTEM TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	VINITHA J vinitha.j@drngpasc.ac.in 9384920535 Faculty B/TS/2518
8	IR2025-974985	08-07-2025	SOLAR POWER MONITORING AND MANAGEMENT USING IOT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.A.Adhiselvam adhiselvam.a@drngpasc.ac.in 7010220876 Faculty 2201

9	IR2025-974903	04-07-2025	Chatbot for Mental Health Support Using NLP TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Karpagam C karpagam@drngpasc.ac.in 9842497067 Faculty 921
10	IR2025-974851		SUICIDAL MENTALITY PREDICTION FROM TEXTUAL DATA USING NLP AND ML TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.S.Saranya saranyas@drngpasc.ac.in 9566845294 Faculty 379
11	IR2025-974823		CHILD AND MATERNAL MORTALITY RISK FACTOR ANALYSIS USING MACHINE LEARNING TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Ranjani R ranjani@drngpasc.ac.in 9677874080 Faculty 2053
12	IR2025-974602		ISOLATION OF Lactobacillus plantarum FROM UNDERUTILIZED STAR FRUIT (Averrhoa carambola) AND EXTRACTION OF BIOPRESERVATIVE FOR STABILITY ENHANCEMENT OF FRUIT JUICES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Jenisha Priyadarshini R jenishapriya19@gmail.com 8925441184 Student 232FN016
13	IR2025-974574	03-07-2025	HYDROGEL BEVERAGE FORMULATION AND STANDARDISATION USING BANANA FLOUR AND NATURAL POLYSACCHARIDES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	DHARSHANA K dharshana19082002@gmail.com 7639854747 Student 232FN012
14	IR2025-962523	03-07-2025	DESIGN AND EVALUATION OF 4-NITRO ANILINE DERIVED PYRAZOLINES- INTEGRATING DFT, DOCKING AND PHARMACOKINETICS STUDIES TRL Title - TRL 3	2024-25	Academic Requirement/Study Project	BALAMURUGAN S balathilak2002@gmail.com 9345790053 Student 232CE003
15	IR2025-974428		Medical image analysis TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Sangeetha .V sangeetha.v@drngpasc.ac.in 9500451963 Faculty 2645
16	IR2025-973916		TRAVELOPEDIA CONNECT TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	M.Sowndharya sowndharya.m@drngpasc.ac.in 7010651956 Faculty b/ts/2538
17	IR2025-973901	05-07-2025	PREDICTING CYBER ATTACK USING MACHINE LEARNING TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.B.Leelavathi leelavathi@drngpasc.ac.in 9751811144 Faculty 1592
18	IR2025-973823		IOT BASED: SMART DOOR LOCKING SYSTEM TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	VISHNU PRIYA.S vishnupriya.s2011@gmail.com 9585853028 Faculty B/TS/2601
19	IR2025-973706		TRANSFORMING STARCHY BANANAS INTO SWEETENERS: A STUDY ON THE FORMULATION AND ITS PHYSICOCHEMICAL PROPERTIES TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	KAVISRI SM kavisreemanoharan@gmail.com 6369752466 Alumni STUDENT
20	IR2025-973675		Temperature Monitoring and Overheat Detection TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	P. MENAKA menaka@drngpasc.ac.in 9600974057 Faculty 1065
21	IR2025-973674	03-07-2025	Physical and chemical properties of varieties of banana; Development and standardization of electrolyte coated edible cups TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dencili Verginiya L dencillucas@gmail.com 9489721189 Student 232FN011
22	IR2025-973305	08-07-2025	Enhancing Fishermen Safety with Border Alerting System using IoT TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.R.PRABA praba@drngpasc.ac.in 9003828815 Faculty 1707

23	IR2025-970471	03-07-2025	VEHICLE VIOLATION DETECTION AND FINE PROCESSING USING YOLOv5 TRL Title - TRL 1	2024-25	Academic Requirement/Study Project	Dr.R.Senthil Kumar senthilkumar.r@drngpasc.ac.in 9790189828 Faculty
24	IR2025-970144	03-07-2025	DIETARY FIBER EXTRACTION FROM CASSAVA LEAVES AND SWEET POTATOES AND FUNCTIONAL POTENTIAL FOR VALUE ADDED PRODUCT AND DIETARY APPLICATION TRL Title - TRL 2	2024-25	Academic Requirement/Study Project	Dr.Gowri.S drgowri@drngpasc.ac.in 9865971843 Faculty 101
25	IR2025-967601	05-07-2025	FINLIT FRIEND TRL Title - TRL 1	2024-25	Independent Assignment/Non-academic Study Project	VAANMUHIL JAYAPRAKASH MANIYAMMAI jmvaanmuhil04@gmail.com 6385561272 Student

Yukti Nominations

S.No.	Innovation Title	Theme	Innovator Detail
1	ENCAPSULATING PROBIOTICS IN CAVIAR FORM: A SPHERIFICATION -BASED TECHNIQUE FOR UPCYCLING OF FOOD WASTE	Food Processing/Nutrition/Biotech,	HEMAVARSHINI M hemavarshinim2003@gmail.com
2	Formulation of Herbal Based Tooth Gel for the Management of Gum Swelling using the Root of Achyranthes aspera	Healthcare & Biomedical devices.,	Dr.Rajathi.K rajathingp@gmail.com
3	ECONOMICAL CONSIDERATIONS ON BIODEGRADABLE PLASTICS BY USING LAGENARIA SICERARIA (CALABASH)	Sustainable Enviroment,	G.Lalitha lalitha.g@drngpasc.ac.in 9791368276
4	Biodegradable Panty Liner using Copper oxide Nanoparticles using Camellia sinensis coated on Cotton Fabric	Smart Textiles,	Dr.Rajathi.K rajathingp@gmail.com 8508661100
5	HIGH-SPEED SPIN COATING DEVICE - INDEGENEOUSLY MADE FROM USED HDD	Waste Management/Waste to Wealth Creation,Education,	ANANTHAN M R ananthanmr@drngpasc.ac.in
6	CONSUMER BUYING BEHAVIOUR PATTERN TOWARDS LULU HYPERMARKET AND ITS IMPACT ON LOCAL RETAILERS WITH REFERENCE TO COIMBATORE CITY	Consumer Goods and Retail,	Priyanka S spriyanka@drngpasc.ac.in
7	Pro Diagnose AI	Healthcare & Biomedical devices.,Software - Mobile App Development,Software - Web App	Selva Vignesh M

Yukti Nomination for AICTE Production Fellowship

S.No.	Innovation Title	Theme	Innovator Detail	Act
1	ENCAPSULATING PROBIOTICS IN CAVIAR FORM: A SPHERIFICATION -BASED TECHNIQUE FOR UPCYCLING OF FOOD WASTE	Food Processing/Nutrition/Biotech,	HEMAVARSHINI M hemavarshinim2003@gmail.com	
2	DIETARY FIBER EXTRACTION FROM CASSAVA LEAVES AND SWEET POTATOES AND FUNCTIONAL POTENTIAL FOR VALUE ADDED PRODUCT AND DIETARY APPLICATION	Food Processing/Nutrition/Biotech,	Dr.Gowri.S drgowri@drngpasc.ac.in	
3	Formulation of Herbal Based Tooth Gel for the Management of Gum Swelling using the Root of Achyranthes aspera	Healthcare & Biomedical devices.,	Dr.Rajathi.K rajathingp@gmail.com	
4	VEHICLE VIOLATION DETECTION AND FINE PROCESSING USING YOLOv5	Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.,	Dr.R.Senthil Kumar senthilkumar.r@drngpasc.ac.in	
5	Production of Herbal Emulgel from Euphorbia hirta and Coccinia grandis	Healthcare & Biomedical devices.,	Radha Palaniswamy radhapalaniswamy@drngpasc.ac.in	
6	PREDICTING CYBER ATTACK USING MACHINE LEARNING	Defence & Security,	Dr.B.Leelavathi leelavathi@drngpasc.ac.in	
7	Physical and chemical properties of varieties of banana; Development and standardization of electrolyte coated edible cups	Food Processing/Nutrition/Biotech,Waste Management/Waste to Wealth Creation,Sports & Fitness,Sustainable Environment,	Dencili Verginiya L denciliucas@gmail.com	
8	MULTILINGUAL BILLING SYSTEM	Creation,Software - Mobile App Development,Software - Web App Development,	POORANA SENTHILKUMAR S pooranasanthikumar@drngpasc.ac.in	
9	HYDROGEL BEVERAGE FORMULATION AND STANDARDISATION USING BANANA FLOUR AND NATURAL POLYSACCHARIDES	Food Processing/Nutrition/Biotech,	DHARSHANA K dharshana19082002@gmail.com	
10	HIGH-SPEED SPIN COATING DEVICE - INDEGENEOUSLY MADE FROM USED HDD	Waste Management/Waste to Wealth Creation,Education,	ANANTHAN M R ananthanmr@drngpasc.ac.in	
11	FINLIT FRIEND	Software - Mobile App Development,Software - Web App Development,Finance Life Sciences,Smart Education,Education,	VAANMUHIL JAYAPRAKASH MANIYAMMAI jmvaanmuhil04@gmail.com	
12	ECONOMICAL CONSIDERATIONS ON BIODEGRADABLE PLASTICS BY USING LAGENARIA SICERARIA (CALABASH)	Sustainable Environment,	G.Lalitha lalitha.g@drngpasc.ac.in 9791368276	
13	CONSUMER BUYING BEHAVIOUR PATTERN TOWARDS LULU HYPERMARKET AND ITS IMPACT ON LOCAL RETAILERS WITH REFERENCE TO COIMBATORE CITY	Consumer Goods and Retail,	Priyanka S spriyanka@drngpasc.ac.in	
14	Chatbot for Mental Health Support Using NLP	Healthcare & Biomedical devices.,	Karpagam C karpagam@drngpasc.ac.in	
15	Blockchain Adapted Supply Chain Platform - GuudzChain	Renewable and affordable Energy.,Manufacturing,Mining, Metals, Materials.Consumer Goods and Retail.	Sathiyapriya.A Sathiyapriya.a@drngpasc.ac.in	
16	Biodegradable Panty Liner using Copper oxide Nanoparticles using Camellia sinensis coated on Cotton Fabric	Smart Textiles,	Dr.Rajathi.K rajathingp@gmail.com 8508661100	
17	Pro Diagnose AI	Healthcare & Biomedical devices.,Software - Mobile App Development,Software - Web App Development,	Selva Vignesh M selvavignesh.m@drngpasc.ac.in	

E. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

[Profile of few faculties with 2-3 line of their achievements]

Dr. K. Rajathi, serving as the Coordinator of the Center for Innovation and Innovation Ambassador has made significant contributions in promoting innovation and entrepreneurship. She received funding for the Establishment of Startup TN Pre-Incubation Centre for the Institution. As the ATL School In-Charge of Lions Matriculation Higher Secondary School, Aval Poondurai, and Mentor for ATL Thinkerpreneur 2024, she has been instrumental in shaping young minds. Through her role in the Institution Innovation Council (IIC), she has conducted numerous sessions on innovation, IPR, and entrepreneurship, both on and off campus. Dr. Rajathi has filed three patents, secured eleven project grants, and organized various activities aligned with the Ministry of Education's IIC calendar. She actively participates in workshops, seminars, and conferences, and has consistently brought industry leaders, including investors and CEOs, to engage with students and faculty.

Dr.M. Shanmugavadi, Professor, Department of Biotechnology and the IPR Cell coordinator acted as resource person in FDP on Patent Drafting at Nandha Arts and Science College, Erode. Under ATAL School Linkage, she conducted an orientation session and training & bootcamp at Shree Vidyalaya Matriculation Higher Secondary School, Gobichettipalayam on 28.08.2025. She received one design patent and filed 1 process patent. She actively participates in workshops, seminars, and conferences, and has consistently brought industry leaders, including investors and CEOs, to engage with students and faculty. Through her role in the Institution Innovation Council (IIC), she has conducted numerous sessions on IPR both on and off campus.

Prof. N. Kumar, being an academician in the field of computer science, writing algorithms and programming has been my passion. Trained several students to create app and develop websites for organizations which was taken up the students as their career and turned out to be entrepreneurs even before graduating from college. Delivered many lectures and have been a chair person in sessions pertaining to startups and self-employment.

Dr.T.Indhumathi, Innovation Ambassador, Dr.N.G. P Arts and Science College, Coimbatore has successfully completed AICTE Evaluated 2-week patent course and participated in innovation-based conferences and workshops. My mentees from UG biochemistry department participated in Smart India Hackathon and also posted my innovative ideas in Yukti Portal during this academic year.

List of participation/awards received by faculty for the academic year 2024-2025

1. Intellectual Property (IP) and Technology Transfer (TT) workshop

Dr.K.Rajathi and Dr.M.Shanmugavadi participated in the Intellectual Property (IP) and Technology Transfer (TT) workshop organized by PSG College of Technology in collaboration with AICTE's Indovation Centre, on October 15, 2024, which featured presentations on IP protection, patent filing, and the role of the Indovation Centre in fostering innovation and academia-industry collaboration. The workshop also highlighted the significance of technology transfer and the importance of patents for academic institutions, bringing together faculty and professionals to discuss these key areas'



2. Establishment of StartupTN Pre-incubation Centre

Startup Chennai – Seiga Pudhumai” event on November 12, 2024, at IIT Madras Research Park, where the Honourable Deputy Chief Minister, Thiru Udhayanidhi Stalin, and the Minister of MSME, Thiru T.M. Anbarasan, presented the Sanction Order for the establishment of Pre-Incubation Centre



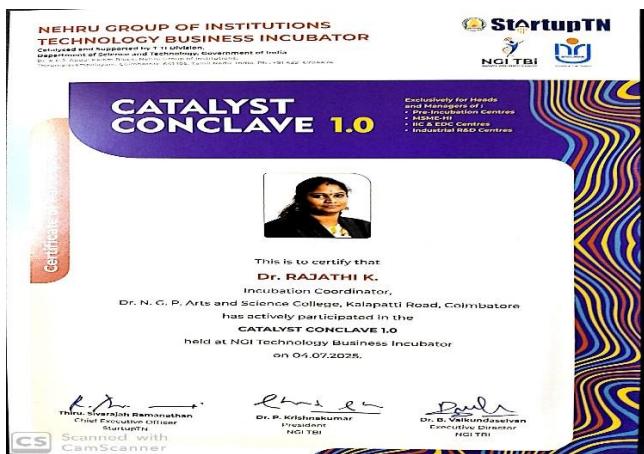
3. Catalyst Conclave 1.0 at NGI-TBI

Catalyst Conclave 1.0 on Friday, July 4, 2025 at NGI Technology Business Incubator where Thiru K.E. Prakash, Member of the Lok Sabha from Erode Lok Sabha constituency of Tamil Nadu and Mr. Sivarajah Ramanathan, Mission Director-Startup TN presented the certificate to Dr.K.Rajathi and Dr.P.Kannan, Incubation Coordinators-Dr.N.G.P.Beginners Business Council.



3. Participation of Faculty in Workshop/Seminar on Innovations, IPR and Entrepreneurship

The staff and students participated in various workshops/seminars/conferences/FDPs about innovation/IPR and entrepreneurship



Online Course Certificate

This is to certify that Dr.Rajathi K from Dr.N.G.P.Arts and Science College, Coimbatore, has participated in the Five-Day Online Program on Innovation and Entrepreneurship, held from 12th to 16th May 2025, organized by the Institution's Innovation Council (IIC), Sacred Heart College (Autonomous), Tirupattur, in collaboration with AGAR, Visakhapatnam.

Dr. I. Niyo Ahmed, AGAR.
 Organizing Secretary

Rev. Dr. G. Theophil Anand, SDB,
 Convener

Rev. Dr. D. Maria Antony Raj, SDB
 Principal

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4. Research grants received by Faculty from various funding agencies for the Academic Year 2024-2025

S.No .	Name of the Staff	Funding Agency	Amount Sanctioned	Month & Year	Title of the Project
1.	Dr.Rajathi.K Dr.P.Kannan	StartupTN	22,50,000	Feb 2025	StartupTN Pre-Incubation Centre Dr.N.G.P.Beginners Business Council
2.	Dr. R. Madhula MSW	ICSSR F.No. 02/142/2022- OBC/TS/RP	800000/-	Sep 2023 - Oct 2025	Cultural Characteristics and Distribution of Particularly Vulnerable Tribal Groups (PVTGs) in Tamil Nadu
3.	Dr. D. Sridevi Food Science and Nutrition	Poultry Farmers Regulatory Committee	55000/-	September 2024- 2025	Advancing poultry nutrition Education: fostering informed choices and sustainable consumption
4.	Dr.S.S.Sudha Coordinator DBT STAR Status College Scheme	DBT HRD- 11012/6/202 3-HRD-DBT	12,595,438/-	November 2023- Oct.2025	Improving critical thinking and 'hands-on' experimental work at undergraduate (college) level in sciences
5.	Dr.S.S.Sudha Coordinator DBT STAR College Scheme Additional Dept	DBT HRD- 11011/29/20 22-HRD- DBT	6,230,583/-	January 2023 to December 2025	Improving critical thinking and 'hands-on' experimental work at undergraduate (college) level in sciences
6.	Dr. R.Senthilkumar Computer Science with Cognitive Systems	DBT-CTEP	75000/-	2024-25	
7.	Dr.K.Kalimuthu Biotechnology	BRSI 112/BRSI-Skill/Schools -2024	25800/-	25.07.24 & 26.07.24	Popularization & Skill Development for School Children
8.	Dr. Kumar.N IQAC	ICSSR	150000/-	2024-25	Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective
9.	Dr.Meera Raman Bioscience	TNSCST TNSCST/Po p.Sci/2023/V R/42/2024	15000/-	2024-25	Creating awareness through demonstration on healthy millet products and development of nutritious

					products among self-help groups, ICDS students and staff
10.	Prof. V. Uma MHA	ICSSR 227 / ICSSR_ SRC/ 2024 Dated: 23.11.2024	20000/-	2024-25	Navigating the future: aging and social security in the 21 st Century under the theme “Vision Viksit Bharat@2947. 05.12.2024
11.	Dr.R.Karunathan	Asian Research Association	50000/-	15.10.24 to 16.10.24	Smart NextGen Nanomaterials for sustainable development of Energy and Environment
12.	Dr. R. Senthil Kumar Computer Science with Cognitive Systems	AICTE, New Delhi	Rs. 3,50,000/-	02.09.24 to 07.09.24 6 Days	Design of Internet of Things (IoT) Solutions for Sustainable Environment
13.	Dr. S. Saravanan Commerce	AICTE, New Delhi	Rs. 3,50,000/-	2024-25	Faculty Development Program on Behavioural Finance and Wealth Management
14.	Dr.K.Rajathi Biochemistry	TNSCST	7500	2024-25	Formulation of herbal based tooth gel for the management of gum swelling using <i>Achyranthes aspera</i>
15.	Dr.N.Kannikaparameswari Biochemistry	TNSCST	7500	2024-25	Fabrication of humic acid beads from water Hyacinth for the adsorption of water contaminants
16.	Dr. S. Karthick Sundaram Microbiology	TNSCST	7500	2024-25	Monitoring of heavy metal toxicity in water samples using bioluminescent assay
17.	Dr.R Menaka Chemistry	TNSCST	7500	2024-25	Novel pH sensitive films based on biodegradable polymer and anthocyanin from <i>Hibiscus rosa-sinesis</i> for monitoring food freshness***
18.	Dr. J. Martin Sam Gnanaraj Physics	TNSCST	7500	2024-25	Fabrication of triple layer water filtration system from used tea dust to attain sustainable development goals (SGD-6): A waste to wealth approach
19.	Mrs. V . Jayashree Commerce with Computer Applications	TNSCST	7500	2024-25	A study on awareness of primary Co- operative agriculture and rural development bank - jewel

					loans in rural areas of Sulur taluk in Coimbatore district
20.	Dr. R. Rajkumar Chemistry	TNSCST	7500	2024-25	Ruthenium(II) hydrazone complexes: synthesis, characterization and <i>in vitro</i> biological studies.
21.	Dr. G. Angeline Prasanna	TNSCST	7500	2024-25	“Food unity: Linking restaurants and communi -ties (orphanages, old age homes) for hunger free coimbatore city”
22.	Roselin A Computer Science	TNSCST	7500	2024-25	IoT-based vehicle safety in hilly terrain: Hairpin bend vehicle recognition
23.	Dr. S.S. Sudha Microbiology	TNSCST	7500	2024-25	Extraction, identification and formulation of bio-active compounds from <i>Annona muricata</i> and analyzing its cytotoxic activity against cancer cells
			2,55,16,821/-		

C. Highlight selected best Innovations & images with mention of inventor/innovation name

S.No.		
1.	Design and Evaluation of 4-Nitro Aniline Derived Pyrazolines-Integrating Dft, Docking and Pharmacokinetics Studies	Balamurugan S balathilak2002@gmail.com 9345790053 Student 232CE003
2.	Environmental, Social and Governance (ESG) Funds: Awareness and Investment Intention Among Retail Investor's	Kandasamy C ckandasamy@drngpasc.ac.in 9976656576 Faculty 1350
3.	Finlit Friend	Vaanmuhil Jayaprakash Maniyammai jmvaanmuhil04@gmail.com 6385561272 Student 231FI025
4.	Dietary Fiber Extraction from Cassava Leaves and Sweet Potatoes and Functional Potential for Value Added Product and Dietary Application	Dr. Gowri.S drgowri@drngpasc.ac.in 9865971843 Faculty 101

5.	Vehicle Violation Detection and Fine Processing Using YOLOv5	Dr.R. Senthil Kumar senthilkumar.r@drngpasc.ac.in 9790189828 Faculty
6.	Enhancing Fishermen Safety with Border Alerting System using IoT	Dr.R.Praba praba@drngpasc.ac.in 9003828815 Faculty 1707
7.	Physical and chemical properties of varieties of banana; Development and standardization of electrolyte coated edible cups	Dencili Verginiya L dencililucas@gmail.com 9489721189 Student 232FN011
8.	Temperature Monitoring and Overheat Detection	P. Menaka menaka@drngpasc.ac.in 9600974057 Faculty 1065
9.	Transforming Starchy Bananas into Sweeteners: A Study on the Formulation and Its Physicochemical Properties	Kavisri SM kavisreemanoharan@gmail.com 6369752466 Alumni Student
10.	IOT Based: Smart Door Locking System	Vishnu Priya.S vishnupriya.s2011@gmail.com 9585853028 Faculty B/TS/2601
11.	IOT-Based Vehicle Safety in Hilly Terrain: Hairpin Bend Vehicle Recognition	Roselin A roselin.a@drngpasc.ac.in 8667028989 Faculty 2428
12.	Bio Electro Plasti Gen: Dual-Action Microbial System for Simultaneous Plastic Waste Degradation and Electricity Generation	K. Shafana Parveen meharunisha78616@gmail.com 8667094840 Student 24PGMIC00002
13.	Impact of Diversity and Inclusion on Organisational Performance and Employee Engagement at Kgisl, Coimbatore, Tamilnadu, India	Dr.M.Ganesan ganesan@drngpasc.ac.in 9865719156 Faculty B/TS/1519
14.	Automatic plant watering system using in IOT	Dr. B.Sivaranjani sivaranjani@drngpasc.ac.in 9843268432 Faculty 338

15.	YOLO-Powered Smart Entry System	Dr.M.Sangeetha sangeetha.m@drngpasc.ac.in 9524804926 Faculty B/Ts/1958
16.	Multilingual Billing System	Poorana Senthilkumar S pooranasenthilkumar@drngpasc.ac.in 9865364748 Faculty 425
17.	Wildlife Friendly Camera Surveillance System	Vinitha J vinitha.j@drngpasc.ac.in 9384920535 Faculty B/TS/2518
18.	Solar Power Monitoring and Management Using IOT	Dr.A.Adhiselvam adhiselvam.a@drngpasc.ac.in 7010220876 Faculty 2201
19.	Chatbot for Mental Health Support Using NLP	Karpagam C karpagam@drngpasc.ac.in 9842497067 Faculty 921
20.	Suicidal Mentality Prediction from Textual Data Using NLP and ML	Dr.S.Saranya saranyas@drngpasc.ac.in 9566845294 Faculty 379
21.	Child and Maternal mortality risk factor analysis using machine learning	Ranjani R ranjani@drngpasc.ac.in 9677874080 Faculty 2053
22.	Travelopedia Connect	M.Sowndharya sowndharya.m@drngpasc.ac.in 7010651956 Faculty b/ts/2538
23.	Formulation of Herbal Based Tooth Gel for the Management of Gum Swelling using the Root of Achyranthes aspera	Dr.Rajathi.K rajathingp@gmail.com 8610960694 Faculty B/Ts/152
24.	High-speed spin coating device - indigenously made from used HDD	Ananthan M R ananthanmr@drngpasc.ac.in
25.	Pro Diagnose AI	Selva Vignesh M selvavignesh.m@drngpasc.ac.in
26.	Economical Considerations on Biodegradable Plastics by Using Lagenaria siceraria (Calabash)	G.Lalitha lalitha.g@drngpasc.ac.in

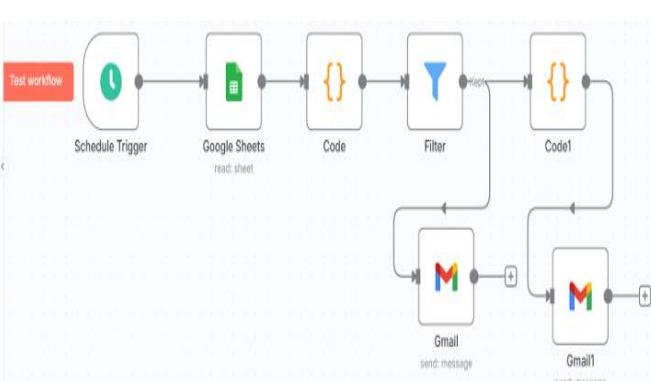
		9791368276
27.	Predicting Cyber Attack Using Machine Learning	Dr.B.Leelavathi leelavathi@drngpasc.ac.in
28.	Consumer Buying Behaviour Pattern towards Lulu Hypermarket and its Impact on Local Retailers with Reference to Coimbatore City	Priyanka S spriyanka@drngpasc.ac.in



Novel Spherification-based technique for encapsulating probiotics in caviar form

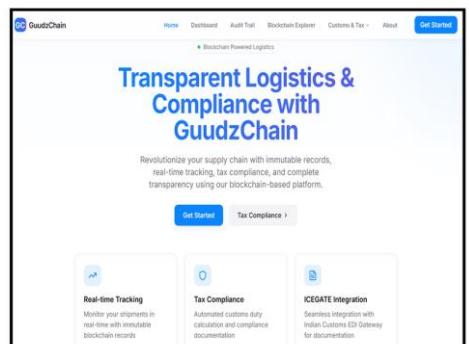


Biodegradable Plastics by Using *Lagenaria siceraria*



Students Attendance Alert System

SCREENSHOTS



GUUDZCHAIN PORTAL



Herbal based Tooth Gel



Panty Liner

D. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

DrNGPASC feels proud to produce entrepreneurs with small start-ups. During the course of the programme, students are well equipped with talents to make themselves more independent as entrepreneurs. The Institution Innovation Council also holds equal responsibility in promoting the interest of such students.

S.No	Department	Name of the Student	Company Name
1	B. Com CA	Mr. Tharun G	PR Group – Water Appliance
2	B. Com CA	Mr.Balaji S	KC Industries
3	Commerce Finance	Mr.Vaanmuhil J	Grab Shot
4	BBA	Mr. Gowtham R	Gowra Chemicals and Solutions
5	BBA	Mr. Manoj Pandian S	Harishma Fireworks
6	BPS	Mr. P Pragadheshwaran	G Crown Garments
7	B. Com IB	Mr. Chauhan Sumit Jagadish	New Shankar Timber and Plywoods
8	B.Com IB	Mr. Sangeeth Kumar R	Malabar Event Management
9	BCA	Mr. Senthil	Guvino technologies
10	Alumni Startup	Mr.S. Thamilselvan	Jeevan tech Digital Innovations

E. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

1. Assessment of IoT Based Water Utilization using Artificial Intelligence Solutions for Selected Crops

Inventors Name: Dr.R. Senthil Kumar, Professor, Department of Computer Science with Cognitive Systems

In agriculture sector the production of yield is very difficult issues for farmers while applied traditional methods. The farmers facing many challenges in water management. The solution should be used intelligence technologies into agriculture sector. The Internet of Things (IoT) and Artificial Intelligence (AI) both are revolutionary digital technologies which will help and manage the water resources, efficiency and sustainability. AI and IoT both are technology advancement to give the better solution which help the farmers. The main objective of the project is to assessments of IoT Based water utilization using artificial intelligence solutions for Selected Crops, the model consists of following components Sensor, LoRaWAN and Gateway technology will collect and monitor the various water parameters through remotely.

AI model will assess the water management help to optimize the water usage by using AI Algorithm and improve the water efficiency by using the IoT device data use to analysis the water usage in real time. AI can assess the water management and optimize the water distribution and control the system and network. The proposed systems will help to reduce the water loss and improve the efficiency and management, also manage and control the insect and disease of the crop.



2. Characterization of bioactive flavonoids from *Senna auriculata* flowers and evaluating its dyeing properties

Inventors Name: Dr.M. Shanmugavadi, Professor, Department of Biotechnology

Senna auriculata (commonly called Tanner's Cassia or Avaram) is a valuable plant used as a source of natural dye in fabric dyeing. Its flowers, bark, and leaves are rich in flavonoids and tannins, which impart yellow to golden-brown shades when extracted. The dyeing process generally involves boiling the plant parts in water to release the pigments, and mordants such as alum, iron, or copper are applied to improve dye uptake and produce shade variations. Fabrics like cotton, silk, and wool respond well to this dye, yielding eco-friendly and biodegradable colors that are safe for human skin. Moreover, the dyed fabrics show good color fastness when proper mordanting is followed. Thus, *Senna auriculata* provides a sustainable and natural alternative to harmful synthetic dyes in the textile industry.



3. Nutrova Functional Fibre

Inventors Name: Dr.S.Gowri, Professor & Head, Department of Biochemistry

Nutrova Functional Fibre is a dietary supplement designed to boost your daily intake of fiber for a healthier gut. It's made from a natural blend of fibers from cassava leaves and sweet potato, and is marketed as 100% Natural. The product focuses on improving digestive health, supporting a healthy lipid profile, and promoting overall gut health. It is recommended for people who want to increase their fiber intake, particularly those with low-carbohydrate diets or who lack high-fiber foods in their meals. Nutritional facts show it contains 80.6g of dietary fiber per 100g, which includes both soluble and insoluble types. The functional properties of dietary fibers, such as water-holding capacity (WHC), oil-holding capacity (OHC), swelling capacity (SC), cholesterol adsorption capacity, and glucose adsorption capacity which determine their behaviour in the digestive system and their impact on metabolic health were confirmed the efficiency of the product.



4. Formulation and Evaluation of *Morinda citrifolia* and *Thirikaduga Sooranam*- Infused Herbal Tea Bags for Throat Infection

Inventors Name: Dr.T.Indhumathi, Professor, Department of Biochemistry

Herbal teas, particularly those that integrate time-honored healing herbs with modern convenience, have witnessed a surge in popularity owing to the increasing inclination toward natural remedies and functional beverages. Among these, ***Thirikaduga Sooranam***, a renowned Ayurvedic formulation, and ***Morinda citrifolia*** (*Morinda citrifolia*) exhibit significant therapeutic potential. The primary objective of this study is to investigate the **antimicrobial and antioxidant properties** of ***Morinda citrifolia* powder** and ***Thirikaduga Sooranam*** when combined in an infused tea bag format, and to explore the **synergistic effects** of these constituents in augmenting the health benefits of the final preparation. The findings of this research demonstrate that ***Morinda citrifolia* powder** and ***Thirikaduga Sooranam*** possess promising pharmaceutical applications. The bioactivity of the extracts is attributed to the presence of diverse **secondary metabolites**, such as **tannins, saponins, steroids, alkaloids, flavonoids, terpenoids, proteins, and carbohydrates**. The antioxidant potential of the extracts, particularly those yielding the highest extraction rates, was found to be comparable to the standard antioxidant **ascorbic acid (vitamin C)**, indicating their natural efficacy in mitigating diseases associated with oxidative stress. The antioxidant assays yielded outstanding results, underscoring their therapeutic value. The antimicrobial evaluation, conducted using **methanolic and aqueous extracts**, revealed notable activity against ***Staphylococcus aureus*** and ***Klebsiella pneumoniae***, with inhibition zones exceeding those observed with the standard antibiotic disc **Azithromycin (AZM 15mcg)**. The recorded zones of inhibition were as follows: Raw sample – 5mm and 1mm; 1:1 combination – 2mm

and 5mm; 2:1 combination – 2mm and 3mm. Among these, the **2:1 combination** exhibited superior efficacy in managing throat infections, suggesting its suitability for inclusion in herbal tea bag formulations. These experimental outcomes substantiate the traditional application of these plants in addressing various health conditions, particularly bacterial infections, throat discomfort, inflammation, and immune-related disorders.



5. Formulation and assessment of a nutrient-enriched spirulina-millet smoothie ready to constitute mix for combating malnutrition

Inventors Name: Dr.D.Pradeepa, Associate Professor, Department of Biochemistry

Developing nations still face major public health challenges due to protein-energy malnutrition and lack of vital micronutrients. Targeting disadvantaged groups, the goal of this study was to create and assess a nutrient-enriched, ready-to-reconstitute reconstituted smoothie mix to combat malnutrition using locally available, nutrient-dense ingredients that included almonds, barnyard millet, proso millet, and spirulina. These ingredients making the product rich in nutrition. The ingredients were sprouted, roasted, and blended to enhance digestibility, flavor, and nutritional value, with sensory evaluation. Nutritional analysis showed this mix is rich in protein, essential minerals like iron and calcium, and vitamins A, C, and E, making it a highly nutritious product suitable for addressing dietary deficiencies. This mix provides 24.3 g protein, 28.5 mg iron, and 549 mg calcium per 100 g, while remaining affordable at ₹116 per pack and economically viable. It is easy to prepare with water or milk and shelf-stable, it is suitable for school feeding programs, anganwadi, disaster relief, and home recovery. Combining spirulina, millets, and nuts created a synergistic, nutrient-dense food ideal for vulnerable populations. The product's low moisture content and appropriate bulk density support good shelf life and ease of preparation. Overall, this Spirulina-Millet smoothie mix offers a practical, affordable, and nutritious solution to improve health and nutrition in diverse settings.



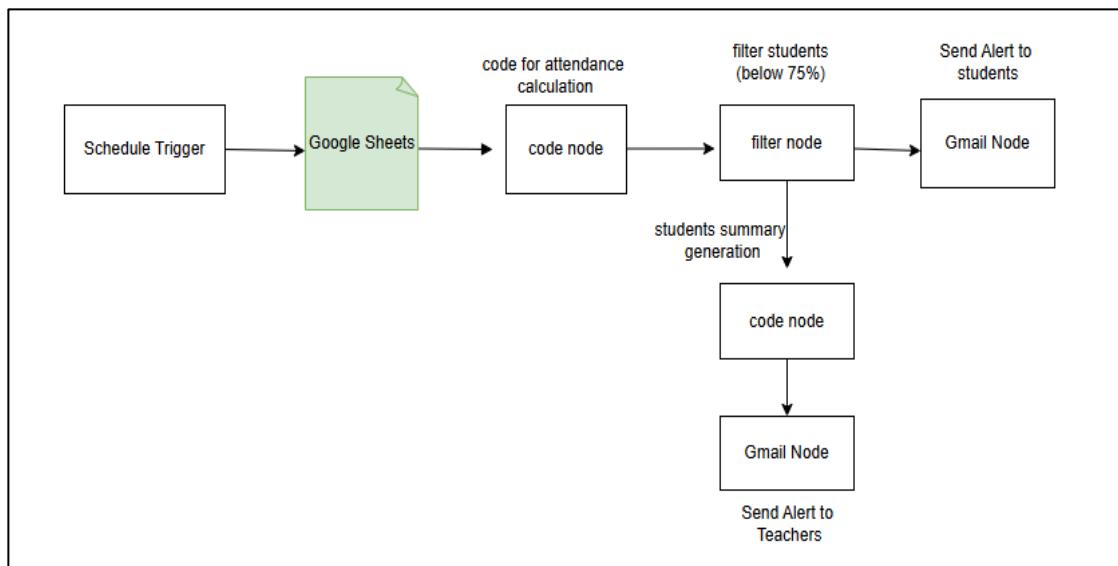
6. Smart Attendance Alert System in Education using n8n Automation.

Inventors Name: Dr.R. Suganthi/Professor, Computer Science with Data Analytics

The **Smart Attendance Alert System** is an automated solution designed to simplify and improve the process of recording and managing attendance in educational institutions and workplaces. Traditional attendance methods such as manual registers or even simple biometric devices often require human intervention, which can lead to errors, time delays, and inefficiency. This system overcomes such issues by using automation tools to make attendance management faster, more accurate, and user-friendly.

The system works by integrating n8n, an open-source automation tool, with Google Sheets where the attendance data is stored. Scheduled triggers in n8n automatically calculate attendance percentages at regular intervals, removing the need for manual entries and reducing errors. A key advantage of the system is its alert mechanism. If a student's attendance falls below the required limit (for example, 75%), both the student and their parents receive **instant email notifications** through Gmail. This helps them track attendance regularly, maintain the required percentage, and avoid unnecessary fines or last-minute problems before examinations. Teachers also receive summary reports, enabling better supervision and timely interventions.

In addition to alerts, the system provides real-time analytics and reporting by processing data directly from Google Sheets. It can generate daily, weekly, or monthly summaries, attendance percentages, and customized reports. Since n8n is free, customizable, and easy to connect with multiple services, the product can be scaled or integrated with existing academic systems. Overall, the Smart Attendance Alert System turns attendance tracking into a fully automated, cost-effective, and reliable process. By automating calculations, sending timely alerts, and engaging both students and parents, it helps avoid last-minute exam issues and ensures improved accountability, transparency, and productivity in educational institutions.



7. Optimizing Formulations for Black Rice and Pearl Millet Muffins: Balancing Nutrition, Taste, and Texture

Inventors Name: Ms. Priyaalini G, Assistant Professor, Department of Food Science and Nutrition

These therapeutic muffins are formulated with black rice and pearl millet to provide a nutrient-rich option tailored for the dietary needs of cancer patients. Replacing refined flour, sugar, and butter with whole wheat flour, banana, peanut butter, coconut oil, and coconut milk enhances fibre, antioxidants, protein, and healthy fats while minimizing added sugars. The result is an energy-dense, antioxidant-rich product that supports weight gain, immune function, and overall nutritional well-being. Standardized preparation ensures optimal texture and palatability, while organoleptic evaluation confirms high consumer acceptability. This optimized formulation demonstrates the potential of functional bakery products in promoting better nutrition and quality of life for individuals with specific health requirements.



8. Formulation and Standardization of Paan Flavored Gelato

Inventors Name: Ms. Mallika M, Assistant Professor, Department of Food Science and Nutrition

The developed product is a paan-flavoured gelato, designed as a low-fat frozen dessert alternative. Unlike traditional ice cream, gelato offers a creamier texture with reduced fat content. The formulation introduces the distinctive and authentic flavour of paan into a modern dessert. Three variations and a control sample were prepared for evaluation. Organoleptic analysis by 25 trained panel members identified Variation I as the most acceptable. This variation demonstrated higher vitamin and mineral content compared to the control. The gelato is processed and stored in stainless steel containers, ensuring quality and safety. A suitable label design was created to support consumer appeal and information. The estimated cost was calculated to assess feasibility and market potential. Overall, the product represents an innovative, nutritious, and culturally inspired frozen dessert.



9. A novel approach to bone health: exploring the potential of *Drynaria rhizome* powder fortified in premix

Inventors Name: Dr. D. Sridevi, Professor & Head, Department of Food Science and Nutrition

To prepare Drynaria idly premix, the key ingredients for the dry premix version would be rice flour, urad dal flour, flaked rice and processed drynaria powder. This was combined together into a fine powder. The idly premix is prepared by adding required amount of water and salt allow to ferment for 4 hours, the fermented batter is allowed to get steam by greasing the plate with ghee by using idli steamer for 10-15 mins.



Drynaria rhizome idly premix



Drynaria rhizome idly

10. Banana-Based Fat Replacer: A Study on antioxidant and Anti-Inflammatory properties in Whipping Cream

Inventors Name: Dr. D. Sridevi, Professor & Head, Department of Food Science and Nutrition

The use of banana as a fat replacer in whipping cream has been explored to create healthier alternatives. The natural starches, fiber, and pectin present in bananas, particularly unripe ones, provide thickening, gelling, and moisture-retaining properties that can mimic the mouthfeel and texture of fat. This innovative whipping cream is developed using a banana-derived fat replacer as a natural alternative to conventional dairy fat. By substituting milk fat with processed unripe banana powder, the product delivers a healthier cream option without compromising on texture, taste, or functionality. Rich in antioxidant, potassium, dietary fiber and also have anti-inflammatory properties, promoting better health.



11. Next-Gen Probiotic Beverage Pineapple Scoby Boba Shake and Flavoured Infused Kombucha

Inventors Name: Dr. A. Priya, Professor, Department of Food Science and Nutrition

The product is a next-generation probiotic drink developed using traditional kombucha fermentation. A SCOBY culture transforms sweetened tea into a refreshing, gut-friendly beverage. To enhance taste and texture, pineapple shake with SCOBY boba is incorporated. Pineapple supports fermentation naturally while enriching flavour and nutrition. The drink is further infused with prickly pear and Indian borage extracts. These botanicals add antioxidant, antimicrobial, and digestive health benefits. The combination delivers a balance of probiotics,

vitamins, and bioactive compounds. The inclusion of SCODY boba introduces a unique, chewy texture for consumers. Sensory evaluation confirms good acceptability in taste, aroma, and mouthfeel. This innovative formulation offers a nutritious, functional, and enjoyable beverage.



PINEAPPLE FLAVOUR KOMBUCHA SHAKE



BIOFILM BOBA



FRUIT FLAVOUR KOMBUCHA



HERBAL FLAVOUR KOMBUCHA

12. Revolutionizing Packaging with Algae-Derived Edible Bio-Wraps: A Sustainable Leap Forward

Inventors Name: Ms. Priyaalini G, Assistant Professor, Department of Food Science and Nutrition

This product is an innovative edible bio-wrap developed from *Gracilaria verrucosa*, a red marine algae rich in bioactive compounds. The formulation incorporates polyvinyl alcohol (PVA) for film strength and glycerol for flexibility and smooth texture. It forms a thin, glossy, and transparent layer suitable for direct food packaging applications. The film provides excellent moisture and oxygen barrier properties, helping extend shelf life. Mechanical testing confirmed strong tensile strength, elasticity, and puncture resistance. The wrap exhibits antioxidant activity, delaying food spoilage due to oxidative damage. It also shows antimicrobial and antifungal activity against pathogens like *E. coli* and *Staphylococcus aureus*. Cytotoxicity studies verified its safety for direct food contact and consumption. Algae-derived flavonoids, alkaloids, saponins, and proteins further enhance its functional benefits. Overall, this edible film represents eco-friendly alternative to plastic packaging, promoting food safety and environmental protection.



13. Characterisation and Quality Evaluation of Formulated Sorghum Bread using Toddy Yeast

Inventors Name: Dr. D. Sridevi, Professor & Head, Department of Food Science and Nutrition
All the ingredients like sorghum flour, whole wheat flour, refined wheat flour, yeast, salt, sugar and refined vegetable oil were measured. The dough is developed by mixing all the ingredients for 2 minutes and during mixing water was added to the mixture. Then the dough was kept for fermentation. After that, the dough was divided into 250 g pieces, placed in aluminium baking pan for proofing in an incubation chamber for 30 min at 35°C and 80% relative humidity in order to maintain the proofing step, which is defined as the last fermentation. Then the samples were ready for baking. Baking for each sample was conducted in a convention oven with air circulation at 210°C for 40 min. The loaves were removed from the pans and cooled at room temperature.



14. Development of high fibre gluten free crackers

Inventors Name: Ms. Mallika M, Assistant Professor, Department of Food Science and Nutrition

These innovative crackers are a gluten-free, high-fibre snack crafted from buckwheat flour, maize flour, and guava leaves powder. Naturally free from gluten, buckwheat and maize provide essential amino acids, minerals, and bioactive compounds, making them a wholesome alternative to refined flours. The addition of guava leaves powder enhances the crackers with dietary fibre, antioxidants, and natural antimicrobial

properties, supporting both nutrition and shelf-life. Thin, crispy, and flavourful, the crackers retain excellent texture and taste while delivering functional health benefits. Stability testing confirmed freshness, crispness, and flavour retention for up to 30 days under ambient storage. Rich in fibre and antioxidants, these crackers are designed for gluten-sensitive individuals and health-conscious consumers seeking a nourishing snack without compromising taste. By utilizing guava leaves an underused agro-resource the product also promotes sustainability and value addition in food systems.



15. Standardization and Formulation of Instant Herbal Rice mix

Inventors Name: Dr. D. Sridevi, Professor & Head, Department of Food Science and Nutrition

The formulation of instant rice mix starts with grinding the roasted ingredients. The ingredients were grinded into a fine powder. The dried drumstick leaves and pirandai were grinded into fine particles. The both ingredients were evenly mixed. Heat the sesame oil in the stainless steel karahi in low flame. To it add mustard seeds, onion, garlic, groundnut, and curry leaves, until the onion and garlic turns golden brown, add tamarind pulp, and cook until the raw flavor reaches out. Add salt as required. The prepared product is stored in dry place. The shelf life can be enhanced because the natural preservative like oil, tamarind, onion, and salt were added.

16. Development of Biodegradable Panty Liner with Bamboo Fibre Using Copper Oxide Nanoparticles Synthesized from *Camellia sinensis* Extract for daily use of Menopause Women

Inventors Name: Dr.K. Rajathi, Professor, Department of Biochemistry

This innovative biodegradable panty liner is crafted from natural cotton and coated with copper oxide nanoparticles (CuO NPs) synthesized using green tea (*Camellia sinensis*) extract. Designed to combat urinary tract infections (UTIs), it offers potent antibacterial action against *E. coli* and *S. aureus*. Unlike synthetic liners, it's breathable, skin-safe, and eco-friendly, breaking down naturally after use. Ideal for daily, postpartum, or travel hygiene, it merges health protection with environmental responsibility. Its

sustainable design and cost-effectiveness make it promising for commercial markets and global health initiatives seeking safer, greener feminine care solutions.



H. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- ARIIA – participation and Rank

Home Ranking List of Participating Institutions

India Rankings 2024: College

Rank-band: 101-150 | Rank-band: 151-200 | Rank-band: 201-300

Show 100 entries

Search: Dr

Institute ID	Name	City	State	Score	Rank	
IR-C-C-41054	Dr. N. G. P. Arts and Science College	More Details	Coimbatore	Tamil Nadu	53.93	75
IR-C-C-41042	Dr. S. N. S. Rajalakshmi College of Arts and Science	More Details	Coimbatore	Tamil Nadu	52.08	94

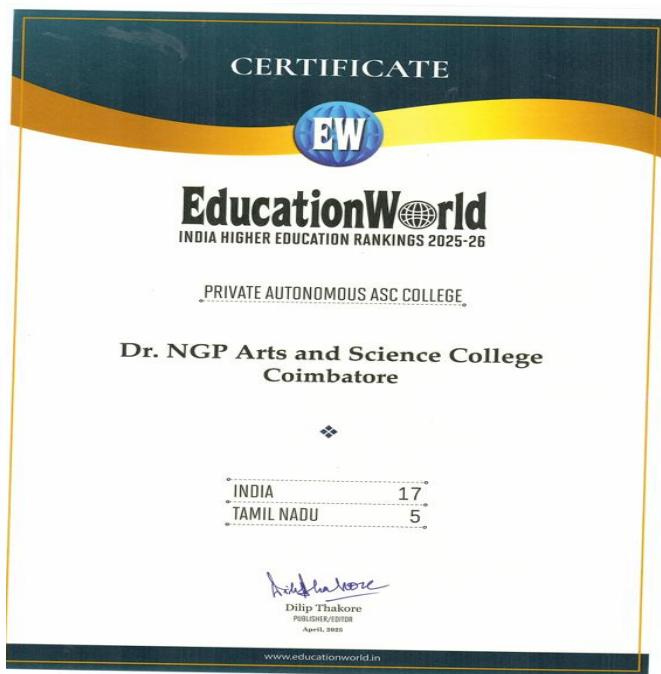
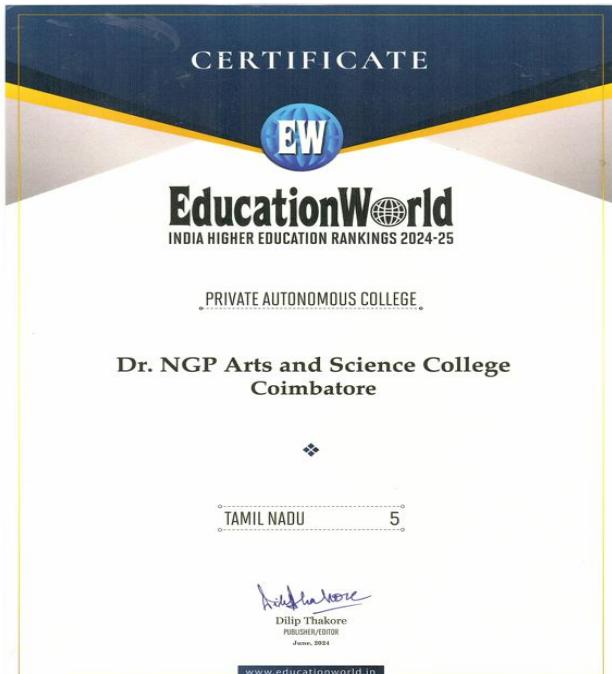
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- **Education World Ranking**



- **NIRF Ranking**



- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

Yes

- Smart India Hackathon etc. **44 ideas** were uploaded in the SIH Portal

Participation list

S.No	Team Name	Team Leader	Problem ID
1	Techtitans	Dharun P	Student Innovation
2	InfoSphere	Nathana J	One Stop Personalized Career and Educational Advisor
3	MarineMinds	Mrishank M	FloatChat - AI-Powered Conversational Interface for ARGO Ocean Data Discovery and Visualization
4	Career Crafters	Roniwilliams C	One-Stop personalized career and education advisor
5	Touraide	Shyam P	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing and Blockchain-based Digital ID
6	Team X	Vasanth.S.B	Crowd Sourced Civic Issue Reporting and Resolution System
7	TECH URU	VishnuDev G	Telemedicine Access for Rural Healthcare in Nabha
8	The Neo	Baskar G M	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID
9	Diditix	Sanjitha.R	Drone-based Intelligent ET sensing system and irrigation water use accounting system for irrigation commands.
10	Vision X	Adithya Kumarasamy LV	Development of a travel related software app that can be installed on mobile phones that could capture trip related information
11	Nalam Founders	RITHU P	AI - Driven Public Health Chatbot for Disease Awareness
12	HackFinity	Franklin.G. David.A	Crowdsourced Civic Issue Reporting and Resolution System
13	AgroGen	Dhanusri K	AI-Based Crop Recommendation for Farmers
14	Phoenix	Aswath S	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education
15	Helios Hex	Sharaj M M	Student Innovation
16	Knox noctu	Dhaksha S	Student Innovation
17	The Newline CLUB	Jefrin V Roy	Student Innovation
18	SixthGear	Kavya S	Sentiment Analysis of E-Consultation comments

19	Tech Saviours	Dharani V	Disaster Preparedness and response Education system for schools and colleges
20	Code Hive	Darshna Senthilkumaran	Automated attendance system for rural schools
21	Coderoot	Divyadharshan.R	Student Innovation
22	CROSSCODERS	Prasanth	Smart Classroom and Timetable
23	Tech sparks	Gowtham S	Gamified Learning Platform for Rural Education
24	InnovAces	Indhira	AI-Driven Public Health Chatbot
25	NexGen	Hariprakash C	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing and Blockchain-based Digital ID
26	EcoXP	Subashini SB	Gamified Environmental Education Platform for Schools and Colleges
27	Preservia	Sarankumar A	Improved onion storage technology for enhancing shelf life of Onions
28	Team Catalysts	Mr. Akash V	Develop computer programs (in any language, preferably Python) to forecast crop yields, analyze soil, weather and farming practices and suggests best methods for improving productivity
29	Creovate	Thatshika Shree R	AR-Based Cultural Heritage Preservation Platform
30	IT CODERS	.Guna.M	Real Time Public Transport tracking for Small Cities
31	Hack HUB	Subasri.B	AI powered monitoring of crop health, soil condition and pests risks using multispectral, hyperspectral imaging and sensor data
32	Biotechikes	Mr. Karthikeyan M	Real time Groundwater resource evaluation using DWLR data
33	Oniva	Jayavarshini. E	Improved Onion storage technology for enhancing shelf life of onions
34	Route to Root	Vimal.C	Development of Travel related software APP that can be installed on Mobile Phones that could capture trip related information
35	Hack for health	Tamilselvan S	Telemedicine Access for Rural Healthcare in Nabha
36	BiQTech	Ms. Rahavi A R	Smart Community Health Monitoring and Early Warning System for Water-Borne Diseases in Rural Northeast India
37	Agniveer	Adwaith R	Student Innovation
38	Krishi	Adwaith R	Gamified Platform to Promote Sustainable Farming Practices
39	Clario	Rahul. R	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education
40	RipenSense	Vasantha Jothi S	Real Life Solution for Waste Management
41	EcoAI Innovators	Ms. A. Harshini	Real life solutions for Waste Management
42	Smart Herd	Harini.P.H	Image based Animal Type Classification for cattle and buffaloes

43	Growbot Innovations	Tamilmani N	AI- based Crop recommendation for farmers
44	Neuro Track	Ms. Kiruthika S	Student Innovation: Swadeshi for Atmanirbhar Bharat - MedTech / BioTech / HealthTech
44	Innovatrix	Mr. R. Rajesh	Student Innovation: Swadeshi for Atmanirbhar Bharat - Smart Automation

F. Detail of Social Media & Connections of IIC institute

Website : <https://www.drngpasc.ac.in/>

Facebook : <https://www.facebook.com/kmcret.drngpasc/>

Youtube : <https://www.youtube.com/@drngpasc2023?app=desktop>

Twitter : https://twitter.com/i/flow/login?redirect_after_login=%2FDrNGPASC_KMCRET

G. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell



5th September 2024

Greetings from Sprout.

This is to bring to your kind notice that we are very happy with our engagement with Dr. NGP Arts & Science College, Coimbatore. We are impressed with the progressive steps taken by the college in association with various partners and industry associations to create a very positive environment for the students to shape their future careers in employment / entrepreneurship.

What stands out is the college's openness to embrace new ideas proposed by partners and the approach to work out a win – win scenarios for all the stake holders.

We are very excited to continue & grow our relationship with Dr. NGP Arts & Science College and contribute to the progress of the students.

Best Regards

R.J.Senthil Kumar
Director
Sprout Knowledge Solutions Pvt Ltd





Registered under Indian Trust Act 1882 - B/2013, dated 21.10.2013

The Nilgiris Education And Research Foundation

10.19.2024
The Nilgiris

Dr. Ranjithkumar Rajamani, Ph.D., FERA.,

As an external member of the Institution Innovation Council at Dr.N.G.P Arts and Science College, I have had the privilege to observe and contribute to a vibrant culture of innovation and entrepreneurship. The council's commitment to fostering creative thinking, nurturing innovative ideas, and guiding young minds toward practical solutions for societal challenges is truly commendable.

The collaborative efforts between faculty, students, and external experts have resulted in a dynamic ecosystem where innovation thrives. I have witnessed firsthand the enthusiasm with which students participate in various initiatives, from idea-pitching sessions to workshops on the latest technologies. The IIC's role in organizing these programs ensures that budding entrepreneurs receive the guidance and mentorship they need to succeed.

Moreover, the council's focus on industry-academia collaboration has opened doors for students to gain real-world exposure, making them industry-ready. It has been a rewarding experience for me to be part of such a forward-thinking institution, and I am confident that the IIC will continue to be a driving force in shaping future innovators and leaders.

For The NEAR Foundation

(Dr. RANJITHKUMAR R)

Mentor -The Future Founders Co. INDIA Sustainability Startathon - 2024 (ISS-2024)
International Research Fellow, INTI International University, Malaysia
International Technical Committee Member - International Inter Varsity Innovation Challenge - 2024 (IVIC 2024)
CSFN Enterprise India - Global Sustainable Futures Progress through Partnerships Network, United Kingdom

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H. Images



Ideation Workshop, "Prototype to Product Design," Led by Mrs. Gayathri C., Project Lead of StartupTN Coimbatore Hub



Guest lecture "Converting Innovations into Startups" on 21.08.2025 by Mr. Moorthi Kanagaraj, Founder of Enthu Technology Solutions



Training and Boot Camp session in ATL School-Lion's Matriculation Higher Secondary School,Aval Poondurai



Training and Boot Camp session in ATL School- Shree Vidhyalaya Matriculation Higher Secondary School



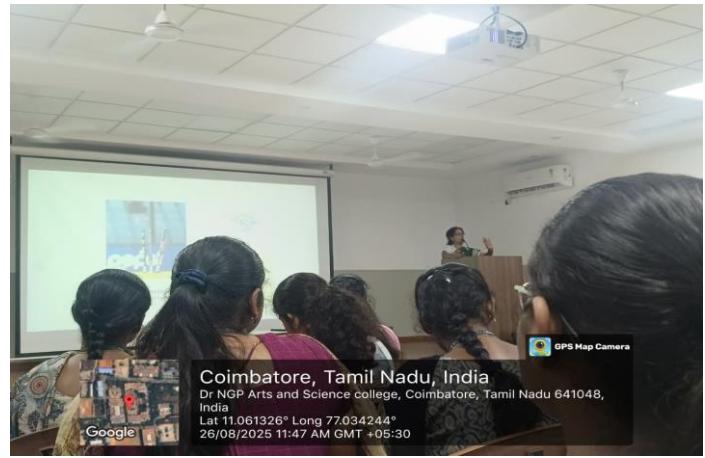
Mentor Mentee Interaction at Lions Matriculation Higher Secondary School,Aval Poondurai



SREC-SPARK Incubation Centre Visit



Expert talk on Basics of IPR by Dr.K.Sakthivel on 26.02.2025



Angel Funding opportunities for early entrepreneurs



Workshop on Effective Patent Drafting



Intra Institutional Business Plan Competition on 11.03.2025



Motivational Talk on a gateway to entrepreneurship



Sales and Marketing Strategies for startups

I. Contact

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