

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambara Nadar - C. Nagammal Campus
S.P.G.C Naqar, K. Vellakulam - 625 701, (Near VIRUDHUNAGAR).

DEPARTMENT OF BIOTECHNOLOGY
ACCREDITED BY NATIONAL BOARD OF ACCREDITATION-NEW DELHI

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NEWSLETTER

BIO-NEXUS



EDITORS



R Gopika
II Year,
Department of
Biotechnology



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Department of
Biotechnology

DEPARTMENT VISION AND MISSION

VISION : To make the department of biotechnology the unique of its kind in the field of research and development activities pertaining to the field of biotechnology in this part of the world.

MISSION : To impart highly innovative and technical knowledge in the field of biotechnology to the urban and unreachable rural folks through “Total Quality Education”.

PEO

Program Specific Academic Excellence: The student will be able to pursue higher education in Indian Abroad in Biotechnology and its related fields by taking up competitive exam like GATE,CSIR,TANCET,GRE,TOEFL,etc

Professional attitude: The student will be able to come up with solutions for any scientific or technical problems related to Biotechnological industries/institutes by engaging in independent and life long learning.

Core Competence: The student will be able to plan and conduct experiments in modern biotechnology and allied field laboratories using modern tools including interpreting the significance of resulting data, reporting results and writing technical reports.

Collaboration: The students will be able to work in multidisciplinary team with confidence and will be able to venture out with entrepreneurial activities.

PSOs

Future ready graduates: The student will be able to identify, choose and perform to their best ability in the next career step:Higher education/Job/Entrepreneurial initiatives.

Industry ready graduates: The student will be able to apply the acquired knowledge to provide cost-effective and sustainable solutions in Biotechnology.

PROGRAMME OBJECTIVES

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PROGRAMME OBJECTIVES

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8).

STUDENT ACHIEVEMENTS



Our students **Rathi, Yamuna** and **Brintha Rajam** of III year biotech presented papers and **won two II Prizes and a III Prize** under **3 themes individually** at "SCHEMCON 2025" International Conference organised by Vellore Institute of Technology, Vellore on 3-4 Oct 2025.

Haresh VN (22ubt033) , **Abinanthan K (22ubt014)**, **Vibhu Purusoth VK (22UBT016)** of IV Year B.Tech Biotechnology presented a paper and **won first prize** at **International conference** on sustainable technologies in health and environment organised by Scinicorn Labs on 11th October 2025



STUDENT ACHIEVEMENTS



At the Raja Muthiah Mandram **Tamil Isai Sangam** music competition, third-year Biotechnology student, **Ms. Yazhini**, won the third prize.



Sharmila R IV BT participated in state level **CM trophy judo competition** at Nehru stadium chennai.



M Kirthiga of II BT won cash award of **Rs. 1000** for **Tamil Elocution** competition organized by Sither trust, Kalligudi on 11/10/2025.

STUDENT ACHIEVEMENTS



Hamshad vani. C(23UBT003), Karishma.M (23UBT053) of III year biotechnology presented a paper titled " **microbial fuel cells : turning waste into electricity** " at BIONICS symposium organised by PPG college of institute and technology from 15/10/25 **Won second and Rs. 1500 cash prize..**

- Our students **Jeya Sugesh** of III BT and **santhosh** of II CSE received the **Runner up Shield for Paper presentation** in **INTELLECTRA 25** an Intercollegiate event organized by **Thiyagarajar College, Madurai**



- **Vaishnavi Rishikaa (22UBT032),** IV year B .Tech Biotechnology participated and **won second prize in a cultural event titled "As You Like IT"** at **INTELLECTRA'25** organised by **Thiagarajar arts and science college, madurai** on **15.10.2025.**
- **A.jeya Sugesh (23UBT011)** of II year B.tech biotechnology participated in a technical event titled "**intellectra**" at symposium organised by **Thiyagaraja college of arts and science** on **15/10/2025** and won overall runnerup

STUDENT ACHIEVEMENTS



Gopika R ,Pranikaa S, and Pandiselvi M (Team name : Farmora - Title : Farm fusion) won department level 1st price in THINK A THON-25



R.H.Mohamed Rafiq , M .Gauri sankaran T.V.Avinash . Project name : AI based crop recommendation app (Say My Crop) . Secured 2nd prize in THINK A THON-25

STUDENT ACHIEVEMENTS



Durgesh and Jaleel hyther of II year B.Tech.Biotechnology participated in **Zonal level competition** conducted by Niketon Engineering & Polytechnic College,Theni and **won 2nd prize in volleyball.**

NSS Volunteer Abinanthan K of **IV** year B.Tech.Biotechnology has been **selected for Anna University Level Best NSS Volunteer Award** for the academic year 2023-2024.



STUDENT ACHIEVEMENTS



Ms. Shakthi Shivani of IV year B.Tech Biotechnology received **Intern/Job offer letter** from **ENZYME Co/SVKS**.

Keerthana N and Abinandhan K (Part of the team) of IV year B.Tech.Biotechnology got **Winner award “Social Innovation leader”** in the prestigious **Bhumi National Level function** .



K.Koteshwari(24UBT015) from 2nd year biotechnology **won the zonal level table tennis match** at **Bharat Niketan college of engineering and polytechnic college** on **17th October**.

STUDENT ACTIVITIES

- **K.Yamuna**(23UBT008) of III Year B.Tech Biotechnology presented a paper "Eco-Friendly sunscreen productions using anthocyanin-rich marigold extracts" at conference "IChE SCHEMCON-2025" organised by (VIT)Vellore Institute of Technology, vellore from 03-10-2025 to 04-10-2025
- **Priyadharshini M** (23UBT012) of III year Btech. Biotechnology attended **A National Level Technical Symposium SCT TRITECK 2K25** on 11 th October organised by Selvam college of Technology
- **R.Gopika** (24UBT018) of II year Btech.Biotechnology presented a paper "Sustainable management of hair waste through microbial biotechnology" in A National level Technical symposium SCT TRITECK 2K25 through online organised by selvam college nammakal on 11th october
- **Vivehabala .S** OF III Year B. Tech Biotechnology participated and presented a Paper on "Utilization of muskmelon Peels Waste for Sustainable Edible Flim Production" at SCHEMCON 2025 organised by Vellore Institute of Technology from 3.10.2025 to 4.10.2025
- **Shalini T**(23UBT028), **Supriya D**(23UBT034) of III Year B. Tech Biotechnology presented a Paper titled "sweat sensors for autoimmune disease" National technical symposium organised by Selvam college of technology from 11/10/25 to 11/10/25
- **Krishna Priyanka G** (23UBT045) III Year B. Tech Biotechnology presented a paper titled "Algal Bioremediation: Harnessing Nature's Green Machinery for Microplastic Removal " National technical symposium organised by Selvam college of technology from 11/10/25 to 11/10/25

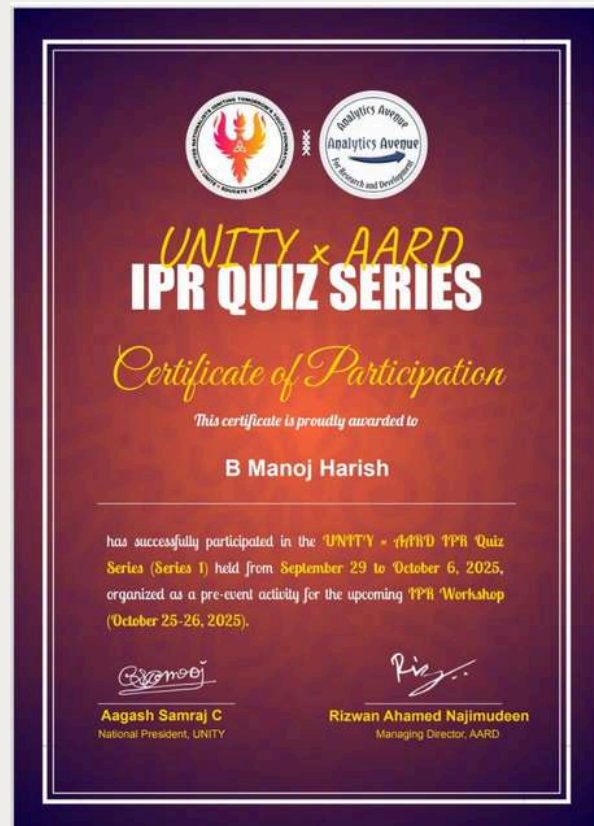
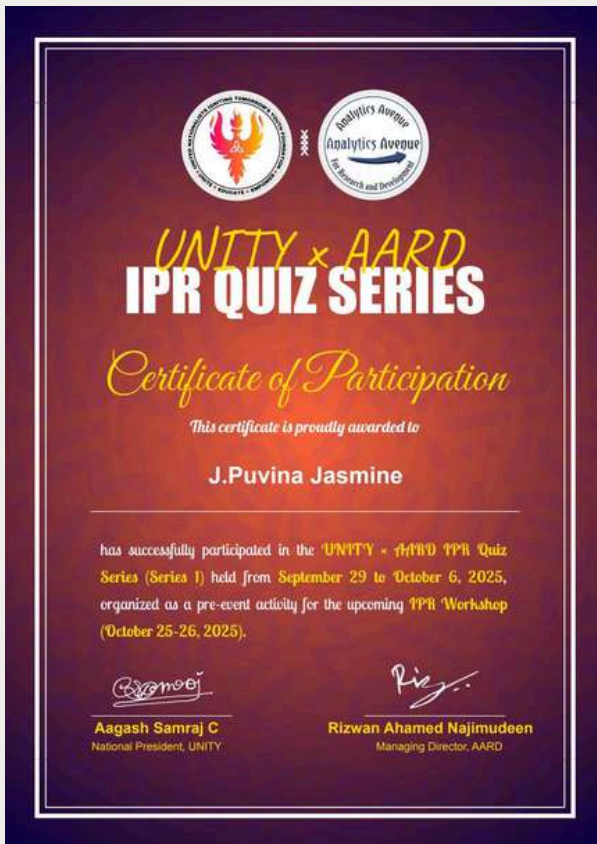
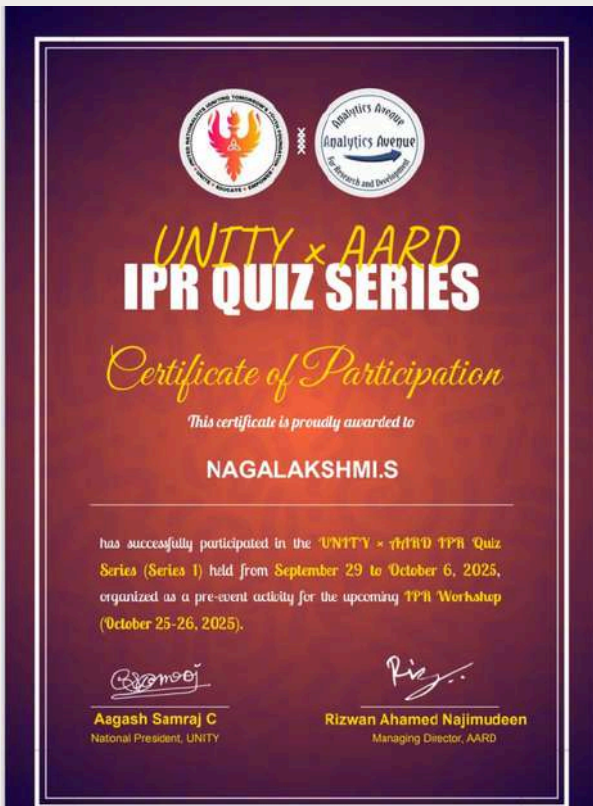
STUDENT ACTIVITIES

- **Anantha raj.J(23UBT043)** of III Year B.Tech Biotechnology presented a idea titled **"Transesterification of Pongamia pinnata Oil to Biodiesel Using Eggshell-Biochar Composite Catalyst Enriched with Lanthanum Nanoparticles: Modeling and Optimization of Process Variables"** at International conference on sustainable technologies in health and environment organised by Scinicorn Labs on 11th October 2025
- **Akshaya RB(23UBT031)** of III Year B. Tech Biotechnology presented a Paper titled **"Solution for fungal contamination on the space station"** National technical symposium organised by Selvam college of technology 11/10/25
- **A.Sugipaavai(24UBT043), S.S.Lavanya(24UBT043)** of II year B.Tech Biotechnology participated in Technical event **TC DOMS Intellectra** organised by Thiagarajar college from 15/10/25 to 15/10/25
- **Dhivya.M(23UBT046)**, III year B.Tech Biotechnology presented a paper Title **" Portable Vaginal microbiome Testing _paper based sensor kit "** at Thiyagaraja arts and science college.october 15 2025.
- **A.Jeya sugesh(23UBT011)** of III Year B. Tech Biotechnology presented a Paper titled **"zero waste biodegradable products from agricultural waste"** National technical symposium organised by Selvam college of technology from 11/10/25 to 11/10/25
- **Priyadharshini.M(23UBT012), Atchiah.S(23UBT016), Dharshini.K(23UBT047)** of III year Btech.Biotechnology presented a paper on **" Nanotechnology in Drug delivery system"** A national level Technical symposium organised by Selvam college of Technology held on 11/10/ 2025
- **R.sankaranarayanan (24UBT002)** of second year B.tech biotechnology participated in **yukti Innovation contest 2025** at Francis Xavier engineering college triunelveli

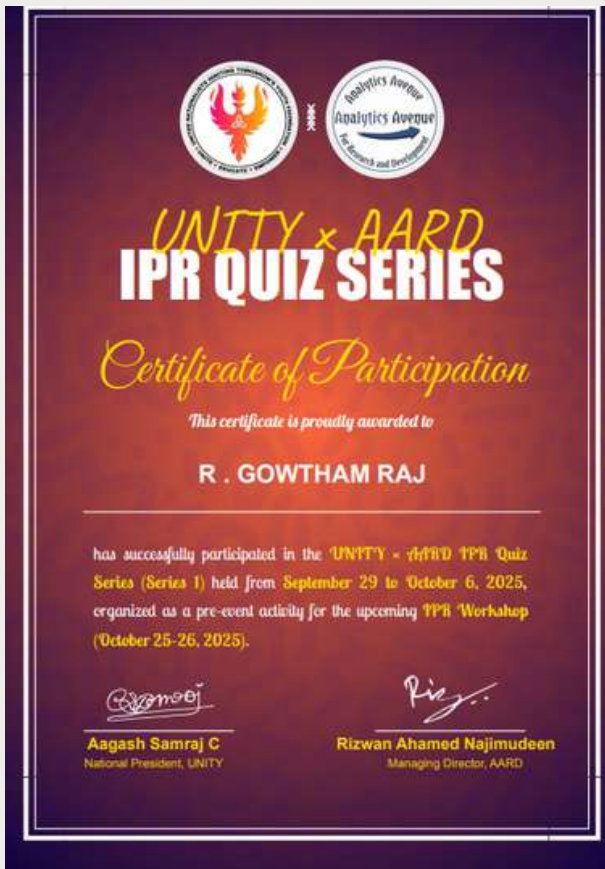
STUDENT ACTIVITIES

- **Hamshadvani.C(23UBT003), Karishma.M (23UBT053)** of III year biotechnology **presented a paper titled " microbial fuel cells : turning waste into electricity "** at BIONICS symposium organised by PPG college of institute and technology from 15/10/25 to 15/10/25
- **R.Gopika(24UBT018)** of II year B.Tech Biotechnology **presented a paper "Microbial Engineering For Sustainable Conversion Of Hair Waste Into Biofertilizer"** at conference "RAMBAR 25" organised by "Sri Akilandeshwari college" from 16.10.25 to 17.10.25
- **Jeevaasri S B(23UBT020), Dhivya M (23UHT046)** of III Year B.Tech Biotechnology **presented a paper titled "Portable vaginal microbiome testing kit using paper-based biosensor"** at INTELLECTRA organised by Thiagaraja College, Madurai from 15/10/2025 to 15/10/2025
- **Nagalakshmi.S (23UBT035), Mukila.K (23UBT035)** III Year B. Tech Biotechnology **presented a Paper "Eco-friendly Bio-leaching for Sustainable Recovery of Valuable Metals from Electronic Waste"** at International Conference On Recent Advances And Applications Of Microbial And Biological Resources-2025 (RAMBR-25) organised by Sri Akilandeshwari Women's College Wandiwash, from 16/10/2025 to 17/10/2025.
- **M. Priyadharshini (23UBT012), S. Atchiah (23UBT016), Dharshini K (23UBT047)** Of III year B. Tech Biotechnology **presented a paper Titled "Boron chemistry and Applications in cancer Treatment "** at International Conference on RAMBR 25 Organised by Department of Microbial and Biochemistry Sri Akilandeshwari women's college, wandiwash on 16 th October 2025
- **Veeralakshmi.V (23UBT019)** of III Year B. Tech Biotechnology has **conducted second trial and completed third trial of product development with Clues Advisory Partner at Virudhunagar.**

STUDENT ACTIVITIES



STUDENT ACTIVITIES



Ms.Nagalakshmi, J.Puvina Jasmine, Marisha Christine Stisha, Mr.Manoj Harish, Mr.Gowtham Raj of III year and Ms.Sumathi of IV year B.Tech.BIOTECHNOLOGY participated in IPR quiz series.

- **Akshaya R B (23UBT031)** of III Year B. Tech Biotechnology presented a Paper titled "**Novel (Levulinic Acid - co - Itaconic Acid) Copolymer: A Sustainable Approach to Wound Dressing Fabrication**" at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **Shalini T (23UBT028)** and **Supriya D(23UBT034)** of III Year B. Tech Biotechnology presented a Paper titled "**Wearable sweat sensors**" at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25- (via online presentations)"

STUDENT ACTIVITIES

- **Shunmughi KV(22UBT017), Prakitha(22UBT039) & Nambeeswari(22UBT007)** IV Year B. Tech Biotechnology **presented a paper titled "In Silico Screening of Indian Medicinal Plants for IL-4 and IL-13 Modulation in CRSwNP"** at International Conference on Recent Advances and Applications of Microbial and Biological Resources - 2025 (RAMBR -25) organised by Departments of Microbiology & Biochemistry Sri Akilandeswari Women's College, Wandiwash from 16.10.2025 to 17.10.2025
- **M.vignesh kumar (24UBT044)** of II Year B. Tech Biotechnology **presented a Paper titled "Formulation and Evaluation of Tinospora cordifolia extract-loaded wound healing patch"** at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **M.kirthiga(24ubt038),S.Aakila Fouzia(24ubt008)** of II nd year B tech biotechnology **participated in a technical symposium** is organised by AAA college of engineering and technology
- **Sankarapandian P (22UBT034), Balaji R (22UBT002)** of IV Year B. Tech Biotechnology **presented a titled "Paper Pan Genome Analysis of Enterococcus faecalis titled"** at International Conference on Recent Advances and Applications of Microbial and Biological Resources - 2025(RAMBR -25)organised by Departments of Microbiology & Biochemistry Sri Akilandeswari Women's College, Wandiwash from 16.10.2025 to 17.10.2025
- **Krishna Priyanka G (23UBT045)** of III Year B. Tech Biotechnology **presented a Paper titled "Algal Bioremediation: A Sustainable Strategy for Microplastic Removal"** at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25- (via online presentations)

STUDENT ACTIVITIES

- **K. Ganesh Kumar** (24UBT035) of II Year B. Tech Biotechnology presented a Paper titled "**Formulation of Cardiospermum halicacabum (Mudakkathan) Extract-Loaded Mucoadhesive gels for Oral Ulcer Treatment**" at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **Dhusyanthan.J** (24UBT011) of II Year B. Tech Biotechnology presented a Paper titled "**Carrot juice-loaded herbal gel for skin revitalization**" at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **R.Kumaresh** (24UBT023) of II Year B. Tech Biotechnology presented a Paper titled "**Formulation of Tinospora cordifolia Extract-Loaded Nanogel for skin Regeneration**" at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **BR AKSHAYA** (22UBT038) Of IV year B.Tech Biotechnology presented a paper titled "**Evaluation of Solanum trilobatum Leaf Extract for Its Therapeutic Efficacy Against CRSwNP Nasal Polyps**" at International Conference on Recent Advances and Applications of Microbial and Biological Resources - 2025(RAMBR -25) Organised by Departments of Microbiology & Biochemistry from 16/10/25 to 17/10/25"
- **P. Hari Bala Murugan** (23UBT022) of III Year B.Tech Biotechnology participated in a **Sports Event "Zonal Football Tournament"** at Zonal Level Sports Meet organised by SSM College, Dindigul on 29.10.2025.
- **Yamuna K.** (Roll No: 23UBT008) of III Year B.Tech Biotechnology has registered a Patent Filing titled "**Development of Yellow-Coloured Eco-Friendly Sunscreen Cream Using Anthocyanin-Rich Marigold Extract as a Natural UV Filter**" with the Indian Patent Office on 15/12/2025.

STUDENT ACTIVITIES

- **V. Kowshikhan (24UBT029)** of II Year B. Tech Biotechnology presented a Paper titled **"Development of Beetroot juice-infused Edible Film for Food preservation"** at International conference organised by Crescent institute of science & Technology from 16/10/25 to 17/10/25(via online presentations)
- **Marisha Christine Stisha (23ubt026)** from III year B.tech Biotechnology presented a paper titled **" Development of PVA-Bentonite - Amylase immobilised membrane for starch hydrolysis and valorisation of potato peel waste"** at BioManthan - 2025 organised by IIT Ropar on 7 th December through online mode
- **Janet Christa Catherin PJ (24ubt006)** II year B.tech Biotechnology participated in a **internship - Biochemistry Laboratory In Arthur Asirvatham Hospital** for (04-12-25) to (18-12-25)
- **Shalini.G(24ubt048), Angelin sheela.k(24ubt042), Kerthika.N(24ubt047), Dharshini. S(24ubt036)** of II year B.Tech Biotechnology presented a poster titled **"Polyol-Assisted Sol-Gel Synthesis of TiO₂ Nanoparticles: Effect of Solvent on Structural and Antimicrobial Properties"** and participated at **"Microbial Innovations for Sustainable Agriculture and Medical Applications"** organized by Madurai Kamaraj University
- **S.Aakila Fouzia (24ubt008)** of II year B.Tech Biotechnology attended an **internship organised by Arthur Asirvatham hospital, Madurai** from 04/12/2025 to 18/12/2025.
- **Nithila R and V.Vaneetha** of II year B. Tech Biotechnology did **internship on Blood Bank and Laboratory(cleanical, hematology, endocrinology, serology, Biochemistry, Pathology) in Vadamalayan hospital** from 5/12/2025 to 19/12/2025.

STUDENT ACTIVITIES



Crop Survey by NCC and NSS volunteers **Abinanthan K** of IV year B.Tech. Biotechnology and **Syed Sirajutheen**, **M Porselvan** III year B.Tech. Biotechnology in association with Department of Agriculture, Government of India

- **R.Gauri sankaran** (24UBT030) of II year biotechnology **attended internship at Madurai Kamaraj university**
- **N. Kishore** (24UBT046), II Year B.Tech Biotechnology, **completed an internship at the Department of Molecular Biology, Madurai Kamaraj University, from 08.12.2025 to 24.12.2025.**
- **Jananipriya.J** of II year Biotechnology **completed internship at Auro Lab ,Madurai from 02-12-2025 to 02-01-2026**
- **R.Gopika,R.Nikhitha,C.Aarine, M.Suvetha,S.Chinnasamy** of IInd year B.Tech.Biotechnology **attended internship in new product development under clues and advisory partners, virudhunagar from 5.12.25 to 27.12.25**
- **M.Santhiya and J.Jeyasurya** of II Year B. Tech Biotechnology **attended Internship at Idhayam Parikshan laboratory (Jegath labs),Virudhunagar 8.12.25to 25.12.25 (15 days)**

STUDENT ACTIVITIES

- **M. Kirthiga, Priya vadhana Y, M.Kaviya** of II year B.tech.Biotechnology attended an internship at **SNP Dairy** from 09/12/2025 to 23/12/2025.
- **G.Saravanan** of IIInd year Biotechnology attended the inthernship at **Vijaya Nursing hospital, sivakasi** from 4.12.25 to 10.12.25
- **R.Sankaranarayanan** of IIInd year Biotechnology attended the inthernship at **ADRC life sciences Pvt Ltd Madurai** from 5.12.25 to 23.12.25
- **J.Fathima zulfi and K.Koteeshwari** of II year B.Tech Biotechnology attended an internship organised by **Arthur Asirvadham hospital, Madurai** from 19/12/2025 to 03/1/2026.
- **S.Dharshini** of II year Biotechnology attended the inthernship at **GKM new pharma, Puducherry** from 9.12.25 to 27.12.25
- **S.Pranikaa** of IIInd year Biotechnology attended the inthernship at **Manna Health Foods Company, Madurai** from 6.12.25 to 22.12.25
- **S.S.Lavanya** of II year Biotechnology attended the inthernship at **New raj Computarised clinical lab, Karaikudi** from 8.12.25 to 22.12.25
- **M.Meenadevi** of IIInd year Biotechnology attended the inthernship at **Biodeavour research lab, chennai** from 5.12.25 to 20.12.25

FACULTY ACHIEVEMENTS



Ph.D. Viva-Voce examination of Mr. Mathews Lurth Raj (Reg. No: 19195891114) on 15th October 2025. The scholar carried out his doctoral research under the supervision of Dr. R. Shyam Kumar, Professor, Department of Biotechnology.

- **Dr. S. Karthikumar and Dr. R. Shyam Kumar team has published a Paper entitled "Effectiveness of image-based classifiers for on-site identification of lichens in reserved forest' IN Computers and Electronics in Agriculture Journal with Impact Factor 8.5.**
- **Er. Karl Joseph Samuel, Assistant Professor / BT, has completed the NPTEL course "Experimental Biotechnology" of 12 weeks duration with Elite category, which is also recognized as an NPTEL-AICTE FDP equivalent of 1½ weeks, and the certificate was awarded on 09-11-2025.**
- **Dr Pradiba D has successfully completed a NPTEL-AICTE FDP 8 week course on "Legal and Regulatory Compliance for small and Medium Business Enterprises" with a consolidated score of 94%.**

FACULTY ACHIVEMENTS



- **Er. Karl Joseph Samuel**, Assistant Professor / BT, has completed the NPTEL course “**Technical Communication for Engineers**” of 4 weeks duration with **Elite + Silver category**, which is also recognized as an NPTEL–AICTE FDP equivalent of ½ week, and the certificate was awarded on 15-10-2025

- **Er. Karl Joseph Samuel**, Assistant Professor / BT, has completed the NPTEL course “**Ethics in Engineering Practice**” of 8 weeks duration, which is also recognized as an NPTEL–AICTE FDP equivalent of 1 week, and the certificate was awarded on 29.11.2025

FACULTY ACTIVITIES



Dr. R Shyam Kumar/Professor/ invited as a resource person and **delivered guest lecture on "Lichens Bioprospecting"** in International conference MICON25, School of Biological sciences, Madurai Kamaraj University, Madurai.

Dr K.Geetha, ASP/BT, acted as judge for the **Biology project exhibition** by class 9th and 10th students, organized by The TVS School, Madurai on 31/10/2025.



FACULTY ACTIVITIES



Faculty members of Department of Biotechnology visited Naga Limited, Dindigul on 7/11/2025.

- **Dr. Shyam Kumar R** /Professor/BT participated **Global Webinar Series: Epidemiology of Hand, Foot and Mouth Disease & Key Immunological Considerations for Vaccine Development.** Organized by Infectious Diseases Society of India (IDSIS) Secretariat. Central University TAMIL NADU on Sunday, November 9. Speaker: Dr Yoke-Fun Chan, Faculty of Medicine, Universiti Malaya, Malaysia.
- **Er R Raja Rajeswari** attended **5 days FDP Programme on A Systemic Way of Research Paper Writing** organized by Research foundation of India in association with Parul University, Gujarat on 25th 29th November 2025.
- **Dr.S.Karthikumar**, Associate Professor, Biotechnology **Submitted Project Proposal on "Sustainable Agriculture"** to Department of Agriculture (Farmer Welfare Department) under the scheme of AgriTech Start-up. **Project cost Rs.10,00,000/-**
- The article "**Development of Skin Burn Lotion Using Banana Peel, Calendula and Chamomiletea Infused with Boiled Rice Husk Water**" submitted by **Shyam Kumar Rajaram and Karthikumar S** along with 3rd year students **V. Veeralakshmi, S.B. Jeevasri, M. Dhivya** has been registered under Copyright, LD-20250176872

FACULTY ACTIVITIES

- **Dr. Shyam Kumar.R/Professor/BT** participated online International webinar titled "**BIOFACET: Exploring the World of RNA in Shaping Diseases Manifestation and Outcomes**" Organized by Department of Microbiology and Biotechnology, Chikitsak Samuha's Sir Sitaram and Lady Shantabai Patkar College of Arts and Science and V.P. Varde College of Commerce and Economics (Empowered Autonomous). Mumbai, Maharashtra.
- **Dr. R. Shyam Kumar/Prof/BT** and **Dr. S. Karthikumar/ASP/BT** presented proposal to **DBT-BIRAC - Marine Research** online at NIT-Tiruchirapalli. (09/12/2025)
- **Dr.S.Karthikumar, ASP/BT** attended **Bharat Food Expo** at Jaipur Exhibition and Convention Center, Jaipur, Rajasthan



Biotechnology department **faculties** visited **Enzyme CO - Company** near **Sivakasi** on 20/11/2025.

FACULTY ACTIVITIES



Faculty members of Biotechnology department visited Yaazh Xenomics and its sister concern, Agam Diagnostics in Madurai on 27/11/2025

• **Dr. R. Shyam Kumar** /Professor/BT Participated "workshop on Intellectual Property Rights (IPR): Awareness and Patents & Designs Filing Procedure" organized by Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur in collaboration with RGNIIPM, Nagpur (Ministry of Commerce & Industry, Govt. of India) on November 25, 2025.

• **Dr K.Geetha**, ASP/BT, has attended "Online workshop on Intellectual Property Rights (IPR): Awareness and Patents & Designs Filing Procedure" organized by Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur in collaboration with RGNIIPM, Nagpur (Ministry of Commerce & Industry, Govt. of India) on November 25, 2025.

FACULTY ACTIVITIES



Dr R Shyam Kumar Prof/BT and Dr S Karthikumar ASP/BT participated in the Virudhunagar District Administration StartupTN on 21 November 2025

- **Er. Karl Joseph Samuel, AP/BT participated in IIC Regional Meet, Tirunelveli as YUKTI Coordinator and Innovation Ambassador representing Kamaraj College of Engineering and Technology on 02-12-2025**
- **Dr K.Geetha, ASP/BT attended Online workshop on “Artificial Intelligence for Business Transformation Using Strategies and Tools”, organized by Global Society for Technical Education (GSTE) on 5/12/2025**
- **Dr K.Geetha, ASP/BT, attended Expert Lecture on “Metagenomics Approach for the Development of Novel Antimicrobial Peptides” organized by Association of Microbiologists of India (AMI) and the Academy of Microbiological Sciences (AMSc) on 4/12/2025**

FACULTY ACTIVITIES



Dr K.Geetha, ASP/BT delivered a guest lecture on EMPOWER HER in
The Standard Fireworks Women's College, Sivakasi on 20/12/2025.

- **Dr. R. Shyam Kumar R/Professor/BT participated FDP program on Emerging Material and Advanced Technologies for Sustainability EMATS25 organized by Veltech Multitech Dr. Rengarajan Dr. Sakuntala Engineering during, 22.12.25-27.12.25.**

ALUMINI INTERACTION



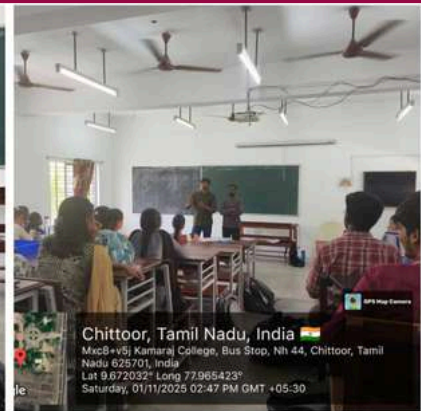
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 Mxc8+v5j Kamaraj College, Bus Stop, Nh 44, Chittoor, Tamil Nadu 625701, India
 Lat 9.67212° Long 77.96514°
 11/10/2025 12:19 PM GMT +05:30

Ms **Nandhini**, Corro Health, 21-25 Batch BT department gave a **alumni lecture to 2nd Year** students on 11.10.2025.



Chittoor, Tamil Nadu, India
 Mxc8+v5j Kamaraj College, Bus Stop, Nh 44, Chittoor, Tamil Nadu 625701, India
 Lat 9.672182° Long 77.965152°

An **alumni talk** was delivered by **Mr. Anandagokul** and **Mr. Yogesh** of 2018-22 batch on **Career opportunities in Medical coding and Software fields for biotechnologists** to our **third and final year** students on 1st November 2026



Chittoor, Tamil Nadu, India
 Mxc8+v5j Kamaraj College, Bus Stop, Nh 44, Chittoor, Tamil Nadu 625701, India
 Lat 9.672032° Long 77.965423°
 Saturday, 01/11/2025 02:47 PM GMT +05:30



GUEST LECTURE



Chittoor, Tamil Nadu, India 🇮🇳

Mxc8+v5j Kamaraj College, Bus Stop, Nh 44, Chittoor, Tamil Nadu 625701, India

Lat 9.672168° Long 77.965304°

Wednesday, 15/10/2025 02:32 PM GMT +05:30

Dr. Sanjeeva Nayaka, Chief Scientist, Plant Diversity, Systematics and Herbarium (PDSH) Division, CSIR - National Botanical Research Institute, Lucknow, UP. Has **delivered a Lecture on "Science and Technology Advancements"** to Biotechnology students on 15/10/2025.



Chittoor, Tamil Nadu, India 🇮🇳

Mxc8+v5j Kamaraj College, Bus Stop, Nh 44, Chittoor, Tamil Nadu 625701, India

Lat 9.672179° Long 77.965321°

Wednesday, 15/10/2025 02:18 PM GMT +05:30

Dr. G. Pugazenthi, Professor, Department of Chemical Engineering, Indian Institute of Technology, Guwahati, Assam Has **delivered Special Lecture** to Biotechnology students on **"Importance of GATE exam and How to Crack exams"** on 15/10/2025.

ELITE BIO CLUB



EliteBio club in association with genes association of Department of Biotechnology organized an awareness program on **"Turning pain into power: Research and resilience in the world of lupus"**. Ms Kaba Fathum, Lupus advocate, Virudhunagar is invited as the Guest to **address the third and final year students** of B tech Biotechnology .

IIC ACTIVITIES



IIC and Dept of Biotech organized a Session on Scope of Biotech Engineers in various sectors by Mr.Sundaramoorthy, QA Manager, Enzymco Pvt Ltd, Virudhunagar.

IIC and Dept of Biotechnology organized a session on the scope of biotech engineers in the agriculture sectors by Mr.E. Muthuselvan , Founder - Aura Agri products, Thirunelveli .



DEPARTMENT ACTIVITIES



Department of Biotechnology has **organized ‘Genes to Generations’** – A Hands-on Learning Experience for TVS School Students on 08.10.2025

DEPARTMENT ACTIVITIES

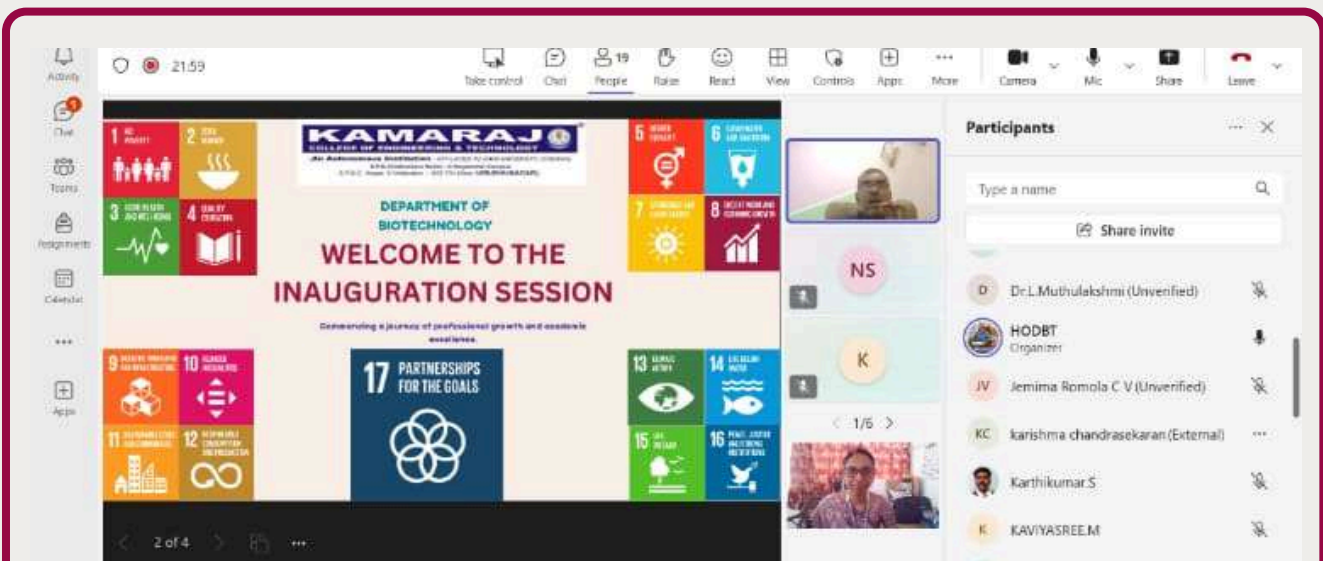


Department of Biotechnology proudly organized **Bodhgaya 2K25** on 13th October 2025. Students from various schools in and around Madurai and Virudhunagar actively participated in the **technical event, Bioquiz and Funevents** and gained valuable insights about the field of Biotechnology.

DEPARTMENT ACTIVITIES

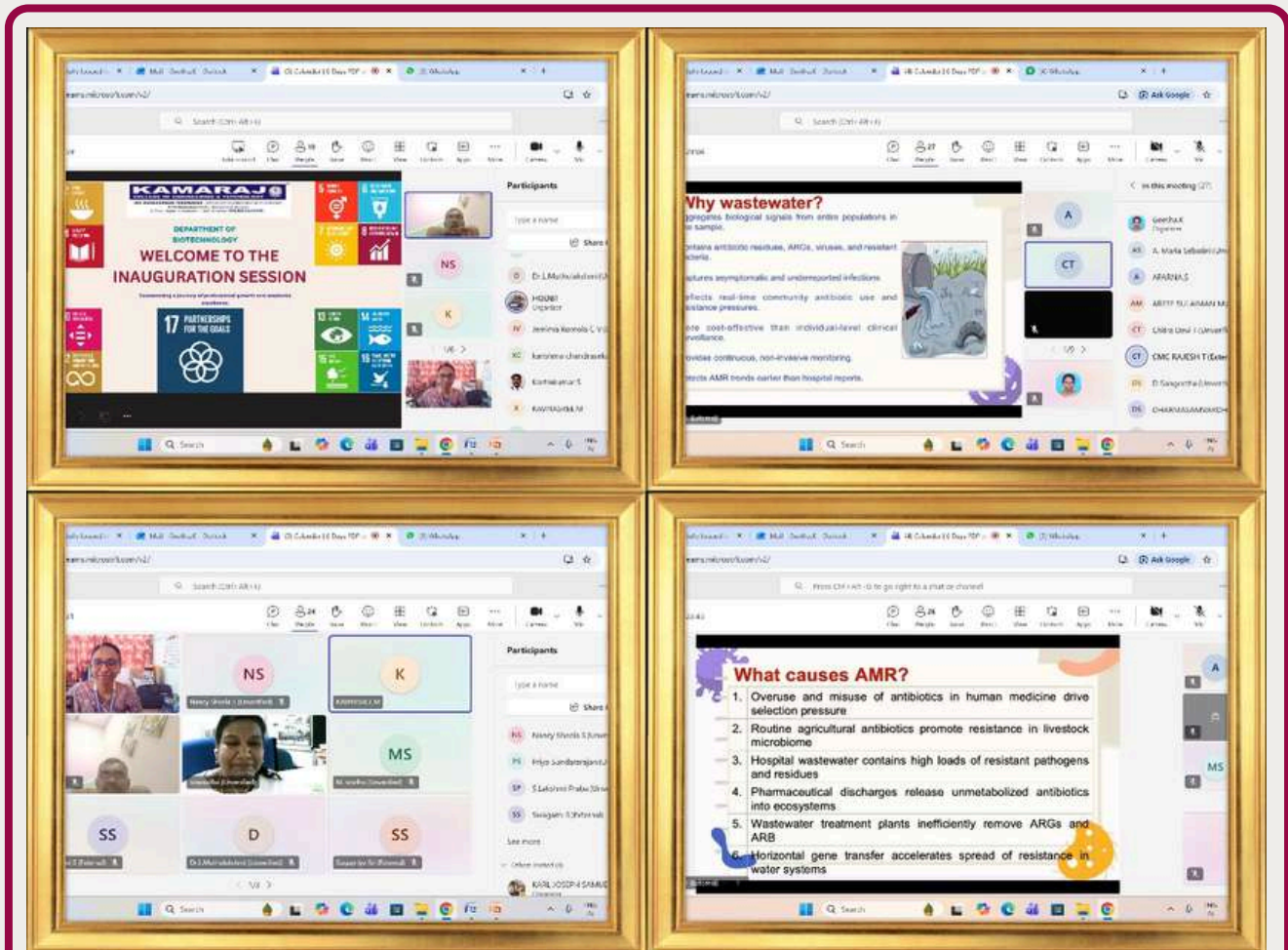


Biotech students at the PharmaExpo 2025 at Mumbai.



Inaugural function of SIX DAY ONLINE – FACULTY DEVELOPMENT PROGRAMME ON Frontiers of Environmental Science: Integrating AI/ML and Biotechnology for Sustainable Development from 15th to 20th Dec 2025 organized by Dept of Biotech.

DEPARTMENT ACTIVITIES



Department of Biotechnology organized **Six Day Online – Faculty Development Programme on Frontiers of Environmental Science: Integrating AI/ML and Biotechnology for Sustainable Development** from 15th to 20th Dec 2025.

DEPARTMENT ACTIVITIES



Dr. Venkat Reddy -Director, R & D and Ms. Lilly Prasanna,
 Manager, R &D consumer division, Naga Limited,
 Dindigul visited Department of Biotechnology and
 Interact with students and faculty members.