



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT HIGHLIGHTS



Vision, Mission and Quality Policy

Vision

To Make this Institution the unique of its kind in the field of Research and Development activities in this part of world.

Mission

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

Quality Policy

Committed to impart Quality Technical Education imbued with proficiency, human values and continual improvement.

Department - Vision, Mission, PEOs & PSOs

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 student folks through "Total Quality Education".

B.Tech Biotechnology

PEO

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ❖ The student will be able to **pursue higher education** in India/Abroad in Biotechnology and its related fields by taking up competitive exams like GATE, CSIR, TANCET, GRE, TOEFL etc.
- ❖ The student will be able to come up with **solutions for any scientific or technical problems** related to Biotechnological industries/institutes.
- ❖ The student will be able to **plan and conduct experiments** in modern biotechnology and allied field laboratories including interpreting the significance of resulting data, reporting results and writing technical reports.
- ❖ The student will be able to get familiarized with **professional and economical issues** in biotechnology and foster important job related skills such as communications and experience in working as a team that will help them to become good Entrepreneurs

PSO (R2021)

PROGRAM SPECIFIC OUTCOMES (PSOs)

- 1: 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.
- 2: Industry ready graduates:** The student will be able to apply the acquired knowledge to provide cost-effective and sustainable solutions in Biotechnology

2021-2025 Batch Student Achievements

K.Divya Jothy, K.Bavadharshini and S.Deepika have won I prize with a cash reward of Rs.1000 in department level "Mintechnovision 2024" contest.



J.Adarshya, A.Rinita Jonellia and A.Jayashree have won II prize in department level "Mintechnovision 2024" contest.



2021 – 2025 Batch Student Achievements

R.Sujitha and team has won I prize in "Build A Thon 2024" competition. Also, they received Rs.1000 as a cash reward.



J.Nithyashree and team has won II prize in Buid A-2024. And they were appreciated with a cash amount of Rs.500

2021 – 2025 Batch Student Achievements



A.M.Harikrishnan, J.Praveen and V.Jayasubash have won I prize in Oral presentation at American college.

A.M.Harikrishnan and team has won I prize in Oral presentation at Kalasalingam University with a cash reward of Rs.15,000/-



2021 – 2025 Batch Student Achievements

S.R.Santhosh Kaveri and S.Yogadharsan have won I prize with a case amount of Rs.1500 in Oral presentation at KSR educational institutions.



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S.R.Santhosh Kaveri, S.Yogadharsan and K.Dharsan have won II prize with a case amount of 500 in Oral presentation at Jeppiar College of Engineering and Technology

2021 – 2025 Batch Student Achievements

V.Balapriya, S.Madhumitha, C.Pooja, got III prize with a case amount of Rs.500 in Oral presentation conducted at CSIR-CECRI



K.Dharsan and A.M.Harikrishnan have won II prize in group dance event conducted at Mannar Thirumalai Naicker College.

2021 – 2025 Batch Student Achievements



S.Siva Ganesh and Aasif Hussain, team players in KCET cricket team, as a team, have secured II place in the sport "Cricket", at Sports Zonals conducted by Anna University, Chennai

S.Siva Ganesh, a team player in KCET tennis sport, as a team, has secured III prize in the sport "Tennis", conducted by Anna University





Mohana Kannan, Sabari raj and Muthuganesh team won first prize Rs 5000 in NEC waste to wealth hackathon. [?]

2021 – 2025 Batch Student Achievements

AY2023-2024, GATE 2023 Scorers

GATE Scorers



SWETHA.V

III BT



SUJA

ULAGASHREE.K






ADARSIYA.J

III BT




2021-2025 Batch Students Achievements

NPTEL Online Course

| Name | Course Name | % Score | Certificate |
|----------------|--|---------|--|
| S.Deepika | Modern Food Packaging Technologies : Regulatory Aspects and Global Trends | 51 |  |
| T. Harini | RNA Biology | 58 |  |
| Ridhu Varshini | Bioreactor Design and Analysis | 67 |  |


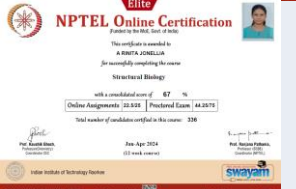

2021-2025 Batch Students Achievements

NPTEL Online Course

| Name | Course Name | % Score | Certificate |
|----------------|------------------------------|---------|---|
| Priyadharshini | Structural Biology | 60 |  <p>Elite NPTEL Online Certification Presented by the IIT, Govt. of India</p> <p>This certificate is awarded to PRIYADHARSHINI for successfully completing the course Structural Biology</p> <p>with a consolidated score of 60 %</p> <p>Online Assignments 18.8128 Practiced Exam 40.7878</p> <p>Total number of candidates certified in this course: 326</p> <p>Jan-Apr 2024 (12 week course)</p> <p>Prof. Kishan Kumar Department of Biotechnology IIT Madras</p> <p>Prof. Anand Kumar Department of Biotechnology IIT Madras</p> <p>Indian Institute of Technology Madras</p> <p>swayam</p> <p>For the NPTEL-2021-2025 Batch To verify the certificate No. of seats recommended: 3 of 4</p> |
| J.Adarshya | Structural Biology | 70 |  <p>Elite NPTEL Online Certification Presented by the IIT, Govt. of India</p> <p>This certificate is awarded to ADARSHYA J for successfully completing the course Structural Biology</p> <p>with a consolidated score of 70 %</p> <p>Online Assignments 2028 Practiced Exam 60.2878</p> <p>Total number of candidates certified in this course: 326</p> <p>Jan-Apr 2024 (12 week course)</p> <p>Prof. Kishan Kumar Department of Biotechnology IIT Madras</p> <p>Prof. Anand Kumar Department of Biotechnology IIT Madras</p> <p>Indian Institute of Technology Madras</p> <p>swayam</p> <p>For the NPTEL-2021-2025 Batch To verify the certificate No. of seats recommended: 3 of 4</p> |
| M.Abinaya | Forests and their Management | 82 |  <p>Elite NPTEL Online Certification Presented by the IIT, Govt. of India</p> <p>This certificate is awarded to M.ABINAYA for successfully completing the course Forests and their Management</p> <p>with a consolidated score of 82 %</p> <p>Online Assignments 23.4428 Practiced Exam 38.8778</p> <p>Total number of candidates certified in this course: 20208</p> <p>Jan-Apr 2024 (12 week course)</p> <p>Prof. K. & Kishan Kumar Department of Biotechnology IIT Madras</p> <p>Prof. Anand Kumar Department of Biotechnology IIT Madras</p> <p>Indian Institute of Technology Madras</p> <p>swayam</p> <p>For the NPTEL-2021-2025 Batch To verify the certificate No. of seats recommended: 3 of 4</p> |




2021-2025 Batch Students Achievements

NPTEL Online Course

| Name | Course Name | % Score | Certificate |
|---------------------|--------------------|---------|---|
| S.R.Santhosh Kaveri | Structural Biology | 65 |  <p>NPTEL Online Certification Awarded to the B.E. Govt. of India This certificate is awarded to S R SANTHOSH KAVERI for successfully completing the course Structural Biology with a consolidated score of 65 % Online Assignments (21.1926) Practical Exam (43.7676) Total number of candidates certified in this course: 306 Jan-Apr 2024 (12 week course) Prof. Anand Mishra, Director (NPTEL)</p> |
| A.Rinia Jonellia | Structural Biology | 67 |  <p>NPTEL Online Certification Awarded to the B.E. Govt. of India This certificate is awarded to A RINIA JONELLIA for successfully completing the course Structural Biology with a consolidated score of 67 % Online Assignments (20.831) Practical Exam (46.2379) Total number of candidates certified in this course: 306 Jan-Apr 2024 (12 week course) Prof. Anand Mishra, Director (NPTEL)</p> |
| J.Nithyashree | Structural Biology | 62 |  <p>NPTEL Online Certification Awarded to the B.E. Govt. of India This certificate is awarded to NITHYA SHREE for successfully completing the course Structural Biology with a consolidated score of 62 % Online Assignments (20.1923) Practical Exam (41.2975) Total number of candidates certified in this course: 306 Jan-Apr 2024 (12 week course) Prof. Anand Mishra, Director (NPTEL)</p> |




2021-2025 Batch Students Achievements

NPTEL Online Course

| Name | Course Name | % Score | Certificate |
|-----------|---|---------|---|
| R.Sujitha | Comprehensive Molecular Diagnostics and Advanced Gene Expression Analysis | 91 |  <p>Elite NPTEL Online Certification For successfully completing the course Comprehensive Molecular Diagnostics and Advanced Gene Expression Analysis with a consolidated score of 91 % [Online Assignments 20/25] [Practical Exam] 48/75 Total number of candidates certified in this course: 228 Jan. Apr 2024 Prof. Ravindra Kumar IIT Madras Indian Institute of Technology Chennai swayam</p> |
| R.Sujitha | Molecular Biology | 67 |  <p>Elite NPTEL Online Certification For successfully completing the course Molecular Biology with a consolidated score of 67 % [Online Assignments 21/32] [Practical Exam] 43/67 Total number of candidates certified in this course: 528 Jan. Apr 2024 Prof. V. S. Murthy IIT Madras Indian Institute of Technology Chennai swayam</p> |
| K.Dharsan | Structural Biology | 62 |  <p>Elite NPTEL Online Certification For successfully completing the course Structural Biology with a consolidated score of 62 % [Online Assignments 18/30] [Practical Exam] 42/75 Total number of candidates certified in this course: 326 Jan. Apr 2024 Prof. Rama Prasad IIT Madras Indian Institute of Technology Chennai swayam</p> |


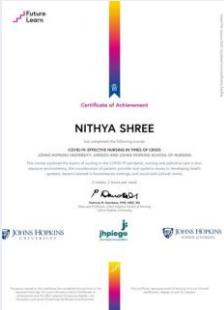
2021-2025 Batch Students Achievements

Online Courses from other global platforms

| Name | Course Name | Online Platform | Certificate |
|---------------|-----------------------------------|-----------------|--|
| R.Sujitha | Introduction to Forensic Science | Coursera |  |
| J.Nithyashree | Foundations of Project Management | Coursera |  |
| J.Nithyashree | Drug Commercialization | Coursera |  |

2021-2025 Batch Students Achievements

Online Courses from other global platforms

| Name | Course Name | Online Platform | Certificate |
|---------------|---|-----------------|--|
| J.Nithyashree | Drug development process: Combating pain | OpenLearn |  |
| J.Nithyashree | COVID-19 : Effective Nursing in Times of Crisis | FutureLearn |  |

INDUSTRIAL VISIT IN 2024-25 ODD SEM

1. Indian Immunologicals Limited.
Rakshapuram, Gachibowli Post, Hyderabad-
500032
2. CDFD-Centre for DNA Fingerprinting and
Diagnostics
Inner Ring Road, Opposite Metro Rail Pillar, No.
NUP-9, Survey Colony, Uppal, Hyderabad,
Telangana-500039

INDUSTRIAL VISIT IN 2024-25 ODD SEM

HYDERABAD



Value Added Course completed

| S.NO | Date | Year | Title | Conducted by | Coordinators |
|------|-------------------------------------|--|--|---|---|
| 1 | 08.07.2024 to 12.07.2024 . | III Year B. Tech Biotechnology Students | Comprehensive Trail in Revolutionary Drug Design: Pre-Clinical Research Methodology (30 hours) | A-Cube Substrate & Globloom Bio Innovation Hub Lab | Dr R.Baskaran Er Karl Joseph Samuel |

Student Achievements – Odd Sem



Abinanthan, Manoj Harish and Haresh won **FIRST PRIZE** in Technical Event (Tech Talk) at National Level Technical Symposium organized by PSR Engg College on 26/10/2023



Sakthi Shivani won **THIRD PRIZE** in South West Zone Inter University Yogasana (M & W) Tournament and was selected for the next level. She was representing Anna University.



Guruvarshini and Sakthi Shivani won **FIRST PRIZE** in Thinkathon 2023 competition organized by KCET

Sakthi Shivani won **SECOND PRIZE** in Yoga District Competition 2023 organized by Virudhunagar District Yogasana Association on 6/8/2023

Student Achievements



Our ARTIST, K.Ragul, II BT



K.V.Shanmugi, II BT, 1st Prize

Student Achievements



**Gowri, Jeyaprinicy, Sharon Merlin, II BT,
2nd Prize in Paper presentation, Cash
award Rs 1500**



**Gengeshwari, Helen Gracelin, SHARMILA II
BT, 3rd prize in Idea presentation**

**SHARMILA and AKSHAYA, won Prize in
Paper presentation at SETHU Engg
College**



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Student Achievements



Abinanthan, Pebina and Sakthi Shivani, II BT, won Prize in Paper presentation



Abinanthan, and NAGESWARAN, II BT, won Prize at SETHU Engg College

Student Achievements



Multiple students including Nageshwaran, Haresh, Abinanthan, Ragul, Vibhu, Selva Ruban, Shankarapandian, Sakthi Shivani , II BT, won CASH AWARDS at Kalasalingam University in various events



Student Achievements



Shakthi Shivani-AU inter univ yoga 3rd prize and multiple other prizes at various events and at various levels



Student Achievements



Shakthi Shyamala, Devi & Nambeeswari, II BT have won 2nd prize in Paper presentation at SIT, Kariyapatti



Balaji.R & Naveen.B.J, II BT have won in Basketball at Anna University 17th Zonal

Student Achievements

| | | | |
|-----------------------------------|-------------------|---|--|
| Ragul.K | Art contest | M.F.Husain Award for excellent performance in Indian Art Contest. | 15 th Jan Govt of India, MSME |
| Sumathi.S Shakthi Shivani.K | Dance Competition | Panchamithra 24 | PA college of engineering 14-03-24 |



PLACEMENT DETAILS

PLACEMENT & HIGHER STUDY DETAILS

| BATCH | (2020-21) | (2021-22) | (2022-23) | (2023-24) |
|--------------------------------|-----------|-----------|-----------|-----------|
| Total Number of Students | 47 | 57 | 36 | 48 |
| Number of Students Placed | 25 | 39 | 22 | 37 |
| Number gone for Higher Studies | 17 | 12 | 7 | 9 |

PLACED INDUSTRIES

➤ Zifo

➤ Avantor International

➤ Episource Technologies

➤ Corro Health

➤ QBSS

➤ CHC HEALTH WATCH



GATE EXAM DETAILS

| BATCH | (2019-20) | (2020-21) | (2021-22) | (2022-23) | (2023-24) |
|--|-----------|-----------|-----------|-----------|-----------|
| Total Number of Students | 47 | 47 | 57 | 36 | 48 |
| Number of Final year students cleared GATE | 8 | 1 | 8 | 5 | 3 |
| Number of Students cleared the CSIR | 2 | - | - | - | - |
| Number of Students cleared the GRE | - | 1 | 1 | | 1 |

THANK YOU