

VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

(Autonomous)

Approved by AICTE, New Delhi,

Affiliated to Anna University;

Chennai & Accredited by NAAC and

NBA Tier - 1 (CSE, EEE, ECE, IT & BT),

Elayampalayam-637 205,

Tiruchengade, Namakkal Dt.

DEPARTMENT OF
BIOTECHNOLOGY

DEC 2K24

ISSUE NO : 17



NEWSLETTER

EDITORIAL TEAM



Dr. CHOZHAVENDHAN S
PROFESSOR AND HEAD
DEPARTMENT OF BIOTECHNOLOGY

Mrs. ANBARASI P
ASSISTANT PROFESSOR
DEPARTMENT OF BIOTECHNOLOGY



Ms. KAMALI T
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)





Ms. PRIYAA P
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)



Ms. VINODHINI P
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)



Ms. LEKHA K
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)




Ms. DEVI M
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)



Ms. JOSHICA S
III - B. TECH BIOTECHNOLOGY
BATCH (2022-2026)



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* PRINCIPAL'S MESSAGE *

BEHIND EVERY GOOD INSTITUTE THERE IS A GOOD PRINCIPAL



**Dr. KCK VIJAYAKUMAR, B.E., M.E.,
Ph.D., M.I.E., Principal, VCEW**

**EDUCATION IS NOT THE PREPARATION FOR LIFE,
EDUCATION IS LIFE ITSELF**

I sanctify this prospect with delightful welcome on behalf of Vivekanandha College of Engineering for Women, to explore the multidimensional facts of our Institution. It's an endeavour to exchange the information on our best practices, achievements and deeds with the academic fraternity and it ensures our women students have empowered as per the standards of globalization. VCEW has made all efforts towards the core areas of excellence in Engineering and Technology. Along with facilitating research effects. We strongly believe the quality education which will make our students transform themselves into a knowledge puddle for the development of our country. Our strengths are best evidenced by state-of-the-art infrastructure, high quality students and well qualified faculty. A woman is the full circle, where the power is to create, nurture and transform... It is been preserving the excellence as a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned women technocrats, successful women entrepreneurs, competent women leaders, innovative women scientists and researchers ' look forward to welcoming you to Vivekanandha college of Engineering for women for experiencing real Women Empowerment.



COLLEGE VISION

- To impart value based education in engineering and Technology to empower young women to meet the societal exigency with a global outlook

COLLEGE MISSION

- To provide holistic education through innovative teaching learning practices.
- To install self confidence among rural students by supplementing with co-curricular and extra-curricular activities. To inculcate the spirit of innovation through training, research and development
- To provide industrial exposure to meet the global challenges .
- To create an environment for continual progress through lifelong learning.



DEPARTMENT VISION

- To nourish the world of technology and research with highly skilled women biotechnologists to invent, innovate and disseminate the knowledge for the benefit of society and environment



DEPARTMENT MISSION

- To create excellent prospects for multifaceted bioengineering exercise and research in biotechnology
- To produce tailored human resource to drive innovative biotechnological processes
- To disseminate the knowledge in upcoming opportunities
- Evolving sustainable entrepreneurship and research in the
- Field of biotechnology for present and future

BIOTECHNOLOGY PROGRAM OUTCOMES

PO1	<p>Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</p>
PO2	<p>Problem analysis: Identify, formulate, review, research, literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</p>
PO3	<p>Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations</p>
PO4	<p>Conduct investigations of complex problems: Use research -based knowledge and research method including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</p>

<p>PO5</p>	<p>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</p>
<p>PO6</p>	<p>The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant engineering practice.</p>
<p>PO7</p>	<p>Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development</p>
<p>PO8</p>	<p>Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</p>

<p>PO9</p>	<p>Individual and team work: It functions effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</p>
<p>PO10</p>	<p>Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</p>
<p>PO11</p>	<p>Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one own work, as member and leader in a team, to manage projects and in multidisciplinary environments.</p>
<p>PO12</p>	<p>Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</p>

PROGRAM EDUCATIONAL OBJECTIVES

The Graduates of Biotechnology have

PO1	The ability to provide the students with a solid foundation and the ability to apply mathematics, science in Biotechnology and to analyze data and technical concepts for application in Quality assurance and enabling placements/higher education.
PO2	An ability to inculcate the professional and ethical attitudes, effective communication skills, team work skills, multidisciplinary approach among the students and an ability to relate environmental issues in broader social context
PO3	To provide with an excellent training to enhance the core profession career in the field of agriculture, pharmaceuticals, biochemical, food tech and other allied biosciences.

PROGRAM SPECIFIC OUTCOMES

The Graduates of Biotechnology
will be able to

PO1	Demonstrate expertise in basic sciences and foundation courses.
PO2	Demonstrate a working knowledge of advanced biological sciences.
PO3	Demonstrate competence in application of engineering principles to biological systems.

FUNDS APPLIED/RECEIVED DETAILS

07/08/2024



Dr. CHOZHAVENDHAN S, Dr. GILBERT ROSS REX K, Mrs. ANBARASI P, Mrs. RAMYA M has received cash prize Rs.10,000 for Naan Mudhalvan Niral Thiruvizha - 2024

16/08/2024



Dr. GILBERT ROSS REX K has applied Rs. 5,00,000/- in the title Eco-friendly biodegradable sanitary napkin under the scheme of SAMASTHA 6.0 Call for Innovations in wash Technologies by Technology Innovation Foundation of IIT Palakkad

24/11/2024



Dr. GILBERT ROSS REX K has applied Rs. 5,00,000/- in the title Fabrication of Antimicrobial Urinary Test under Science and Technology Project scheme 2024-2025 by Tamilnadu State Council for Science and Technology

ASSOCIATION ACTIVITY

01/08/2024



Mr. SHANMUGAM K, Sr. General Manager (Environment) Seshasayee Paper and Board Limited, Erode delivered a talk about Paper Day Celebration and Sustainability on the Paper usage with second, third and final year students

09/08/2024



Dr. RENGANATHAN S, Professor Department of Biotechnology A.C.Tech Campus Anna University Chennai delivered a talk about Guest lecture & Extraction of Bio-Oil from Marine Algal Biomass for Food and Biodiesel Production Applications with final year students

20/09/2024



Mr. BETHUEL JEBEZ , CEO, Business Leader and Career Coach delivered a talk about Guest lecture & Career Readiness- An introductory Session on the importance of career readiness with final year students

26/10/2024



Ms. UMA MAGESWARI R, Assistant Manager, Astrazeneca, Bangalore delivered a talk about **Guest lecture & Career Paths and Opportunities in Clinical Research** with second, third, final year students

13/11/2024



Mr. KESAVAN K, Service and Calibration Engineer, Instruments Care Private Limited, Chennai delivered a talk about **Workshop & “Instrument setup and Calibration of GC and HPLC”** with second, third, final year students

05/11/2024



Dr. DHAYANANTH N , Assistant professor, Department of Biotechnology, Vivekanandha College of Engineering for women delivered a talk about **Building Resilience for Drug free campus** with second, third , final year students

CLUB ACTIVITIES

01/08/2024



Mr. SHANMUGAM K, Sr. General Manager (Environment) Seshasayee Paper and Board Limited, Erode with the title **Paper Day Celebration' 2024 & Tree Sapling Plantation** with second, third, final year students

17/08/2024



Ms. AMOKA S and KARISHMA M (IV year-Biotechnology) with the title **An awareness program organized in connection with Public Health Emergency of International Concern (PHEIC) & Monkey Pox Virus outbreak** with BTand BME students

18/09/2024



Dr. GILBERT ROSS REX K with the title **Continuous Monitoring & Watering of planted sapling on Paper Day** with third, final year students

STUDENT ACTIVITY & PARTICIPATION

20/7/2024



KAMALI T, GAYATHRI SREE N, LOGAPRIYA B, SHALINI P, SWATHY S participated in **NCQCE - 2024** and won **"GOLD AWARD"** held at **Sathyabama Institute**



VINODHINI P, PRIYAA P, LEKHA K, DEVI M, JOSHICA S participated in **NCQCE - 2024** and won **"PLATINUM AWARD"** held at **Sathyabama Institute**



AGALYA B, HAJARA S, HARSHANA SREE S, GOBIKA SREE E, SANGAVI K participated in **NCQCE - 2024** and won **"PLATINUM AWARD"** held at **Sathyabama Institute**



POOJA SREE S, HEMAVATHI S, SUBIKSHA D, JAYASRI S, GOBIKA M of participated in **NCQCE - 2024** and won **"PLATINUM AWARD"** held at **Sathyabama Institute**

22/08/2024



**DURGA DEVI D, AGALYA B,
YOSHITHA SREE V G, POOJA SREE S,
SREEJAISAVITHEEYAA P,
VAISHNAVI V V** attended **National
Level Symposium (NSETRRCOSD
-2024)**

13/09/2024



**ELAKKIYA M, GOPIKA M, HEMAVATHI
S** attended **Idea Pitching Contest**
organized by **Research Development
Cell & AICTE IDEA LAB**

26/09/2024



CHARULATHA K, MOUNICA M
participated in **AURA'24 -Technical
Hackathon** organized by **Bannari
Amman Institute**

18/10/2024



HEMAVATHI S, GOBIKA M
participated in **PAPER**
PRESENTATION in **Salem College**
of Engineering and Technology
and won **First place**

24/10/2024



JAYA SREE G R, LEKHA K attended
Workshop in **PALS - TINKATHON**
conducted at **Sri Eshwar College**
of Engineering

08/11/2024



DEVI M, KAMALI T, VINODHINI P
attended **MOLECULES MATCH** in
Paavai Engineering College and
won **First Price**

18/10/2024



**PRIYAA P, LEKHA K, SHALINI P,
JOSHIKA S** attended **Paper
Presentation** in **Paavai
Engineering College**

18/10/2024



**DHIVYA VAISHNAVI V,
MAHALAKSHMI T S,
SUDHARSHANA S** attended **Paper
presentation** in **Paavai
Engineering College** and won
second price



STUDENTS SPORTS ACTIVITY



GAYATHRI M, NIROSHA P, DURGA DEVI M participated in **District Level Chief Minister Trophy** and won **Silver Medal (Cricket)**



KEERTHIKA M, VAISHNAVI V V participated in **District Level Chief Minister Trophy** and won **Silver Medal (Volleyball)**



KAVINAYA M participated in **District Level Chief Minister Trophy** and won **Silver Medal (Silambam)**



NPTEL CERTIFICATION COURSE



DHARSHINI K , GAYATHRI M
completed 8 weeks course
(Plant Cell Bioprocessing)
with **ELITE**



KARISHMA VARSHA M,
SRIMATHI V completed 8
weeks course **(Tissue**
Engineering)



AMOKA S, NIVETHA S,
MOUNICA M completed 12
weeks course **(Environmental**
Biotechnology)



SUBIKSHA. S completed 12
weeks course **(Chemical**
process safety)



JAYASREE G R completed 12 week course (**Dairy and Food Process and Product Technology**) with **ELITE**



DEVI M completed 12 week course (**Animal Physiology**) with **ELITE**



KAVIYA V completed 12 week course (**Genetic Engineering: Theory and Application**)



VASUNDARA DEVI M, RAMYA SHREE A, MOUNIKA K P (ELITE) completed 12 week course (**Experimental Biotechnology**)

FACULTY NPTEL CERTIFICATION COURSE



Dr. CHOZHAVENDHAN S, Dr. SUBRAMANIAN N completed 12 week course (**Principles of Downstream Techniques in Bioprocess**)



Mr. VIJAY PRADHAP SINGH M, Dr. RAJAMEHALA M completed 12 week course (**Principles of Downstream Techniques in Bioprocess**)



Dr. MUTHU KUMARA PANDIAN A completed **16** week course (**Design Thinking and Innovation - AICTE**)



Dr. MANOJ KUMAR M S completed 12 week course (**Chemical Process Safety**)



Dr. RAJAMEHALA M completed
12 week course (**Experimental
Biotechnology**)



Dr. MANOJ KUMAR M S completed
8 week course (**Chemical
Engineering Thermodynamics**)



Mrs. FATHIMA M completed 8
week course (**Introduction to
Proteomics**)



Mrs. JEEVITHA S, Mrs. FATHIMA M
completed 8 week course (**Cell
Culture Technologies**)



Dr. GILBERT ROSS REX K completed
8 week course (**Tissue Engineering**)
with **ELITE**



Mrs. ANBARASI P completed 12
week course (**Immunology**) with
ELITE



Dr. SETHU M, Mrs. RAMYA M
completed 4 week course
(**Bioreactor**)



Dr. DHAYANANTH N completed
12 week course (**Drug Delivery:
Principles and Engineering**)

FACULTY ACTIVITY & PARTICIPATION

17/06/2024 - 21/06/24



Mrs. RAMYA M participated in 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by AICTE

29/06/2024-03/07/2024



Mrs. JEEVITHA S, Mrs. FATHIMA M attended (e-FDP) on "Current Bioprocess Technology, Products and Opportunity" organized by KL Academic Staff College



Mrs. ANBARASI P, Dr. RAJAMEHALA K attended (e-FDP) on "Current Bioprocess Technology, Products and Opportunity" organized by KL Academic Staff College

05/07/2024-06/07/2024



Dr. DHAYANANTH N, Dr. GILBERT ROSS REX K participated in **BASIC FDP IN AICTE IDEA LAB** organized by **AICTE IDEA LAB**

19/07/2024



Dr. DHAYANANTH N participated in **International Conference on "Advancements in Drinking Water Disinfection Technologies"** conducted by **Anna University**

09/08/2024-10/08/2024



Dr. DHAYANANTH N, Dr. SUBRAMANIAN N completed International FDP course on **"Ethics and Values for Teaching Professionals and Administrators"** organized by **VICAS, GLOBETHICS**

22/08/2024



Mrs. ANBARASI P, Mrs. JEEVITHA S participated in one-day industrial visit to **Seshasayee Paper and Board Limited**

31/08/2024



Dr. DHAYANANTH N, Dr. SUBRAMANIAN N participated in **(Faculty Induction Programme)** organized by **Quality Assurance Cell**

26/09/2024-27/09/2024



Mr. VIJAY PRADHAP SINGH M participated in **AURA'24 - Two days Technical Hackathon** organized in **Bannari Amman Institute**

9/8/2024-10/08/2024



Mr. VIJAY PRADHAP SINGH M attended National Conference on **National Conference of "Creating a Resilient and Sustainable Tomorrow through Innovative Biotech Strategies"** organized by Adhiyamaan College

25/11/2024-30/11/2024



Dr. GILBERT ROSS REX K participated in **ATAL-FDP "(Design Thinking approach and Innovative Practices in Biomedical Additive Manufacturing)"**

09/12/2024-21/12/2024



Dr. MUTHU KUMARA PANDIAN A participated in **ATAL-FDP "(Digital Transformation in Manufacturing - Industry 4.0 & 5.0"** organized by Sri Manakula Vinayagar College

FACULTY AWARDS

05/09/2024



Dr. RAJAMEHALA M, has got **Research Excellence Award** by **VEI** for **Highest Number of Publications**

05/09/2024



Dr. MUTHU KUMARA PANDIAN A has got **Research Excellence Award** by **VEI** for **Highest Number of Patents**

05/09/2024



Dr. MUTHU KUMARA PANDIAN A has got **Research Excellence Award** by **VEI** for **Highest Number of Publications**

PUBLICATIONS & PATENT

JULY - 2024



Dr. GILBERT ROSS REX K has published Journal - African Journal of Biological sciences titled Heterocyclic Compounds' Therapeutic Potential in Alzheimer's and Parkinson's Disease by Targeting at Mitochondrial Homeostasis and Signalling

16/07/2024



Dr. GILBERT ROSS REX K B had got Patent for Wearable device for continues monitoring of Estrogen level through sweat from The Patent Office, Govt. of India.

SEPTEMBER 2024



Dr. RAJAMEHALA M Published Journal Bioplastic Production using Aloe vera Gel as Plasticizer: A Sustainable approach Current World Environment.

SEPTEMBER 2024



Dr. MANOJ KUMAR M S has published **Journal Copper Purging from Industrial effluent by Adsorption using Fe₃O₄/MnO₂ Nanocomposites** by **Indian Journal of Environmental Protection**

SEPTEMBER 2024



Dr. CHOZHAVENDAN S has published **Journal Copper Purging from Industrial effluent by Adsorption using Fe₃O₄/MnO₂ Nanocomposites** by **Indian Journal of Environmental Protection**

SEPTEMBER 2024



Mrs. ANBARASI P has published **Book Emerging Trends in Multidisciplinary Science and Technology** by **Scientific Research Reports**

23/12/2024



Mrs. ANBARASI P has published patent titled **Cold Water Vending Machine** by The Patent office, Government of India

23/12/2024



Mrs. RAMYA M has published a book title **Herbal Medicine Formulating Apparatus** by The Patent office, Government of India



STUDENT PUBLICATION

SEPTEMBER-2024



RESHMA V, KANIYAMUDHU V, SHRUTHIKA K has published journal in the title **Bioplastic production using Aloe vera Gel as Plasticizer: A Sustainable approach in Current World Environment**

SEPTEMBER-2024



PRASANTHI K, PRAVEENA J, INDUMATHI G has published journal in the title **Copper purging from industrial effluent by Adsorption using $\text{Fe}_3\text{O}_4/\text{MnO}_2$ Nanocomposites in Indian Journal**



GUEST LECTURE BY FACULTY MEMBER

16/11/2024



Dr. CHOZHAVENDHAN S delivered lecture in the event **National Conference of "Creating a Resilient and Sustainable Tomorrow through Innovative Biotech** titled **New Start-up and Innovations in Biotechnology** organized by Department of Biotechnology, Adhiyamaan College of Engineering, Hosur

09/11/2024



Dr. GILBERT ROSS REX K delivered lecture in the event titled **Clinical Trial Management** organized by Department of Biotechnology, Muthyammal College of Engineering, Rasipuram.

14/11/2024



Mrs. FATHIMA M delivered lecture in the event titled **Invivo and Invitro studies in Clinical trials** organized by Department of Biotechnology, Muthyammal College of Engineering, Rasipuram.

STUDENT ASSOCIATION MEMBERS

S.NO	NAME	ROLE	YEAR
1	JAI PRIYA R	SECRETARY	IV
2	PRIYANKA P	JOINT SECRETARY	IV
3	VINITHA S	TREASURER	III
4	DHANUSHYA V	OFFICE BEARER	IV
5	SHARMILA S	OFFICE BEARER	IV
6	POOJA SREE S	OFFICE BEARER	III
7	KAVIYA S	OFFICE BEARER	III
8	SUMETHA M	OFFICE BEARER	II
9	DANUSUBASRI M	OFFICE BEARER	II

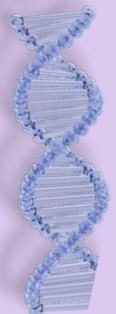


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DEPARTMENT OF BIOTECHNOLOGY



MAY 2K25

NEWS LETTER

EDITORIAL TEAM



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Ms.MAHALAKSHMI T S

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Ms.JEFRINA WINIFRED G

III-B. TECH BIOTECHNOLOGY
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PRINCIPAL'S MESSAGE



**Dr. KCK VIJAYAKUMAR, B.E., M.E.,
Ph.D., M.I.E., Principal, VCEW**

Education is not the preparation for life; Education is life itself

I sanctify this prospect with delightful welcome on behalf of Vivekanandha College of Engineering for Women, to explore the multidimensional facets of our Institution. It's an endeavour to exchange the information on our best practices, achievements & deeds with the academic fraternity and it ensures our women students have empowered as per the standards of globalization. VCEW has made all efforts towards the core areas of excellence in Engineering and Technology along with facilitating research efforts. Our vision is to make innovation as the basic theme of engineering education and the synergic effort will make our students globally competitive with full potentiality of women empowerment exclusively and make self dependent and competent to the global challenges. We strongly believe the quality education which will make our students transform themselves into a knowledge puddle for the development of our country. Our strengths are best evidenced by state-of-the art infrastructure, high quality students and well qualified faculty. A woman is the full circle, where the power is to create, nurture and transform. It is been preserving the excellence as a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned women technocrats, successful women entrepreneurs, competent women leaders, innovative women scientists and researchers look forward to welcoming you to Vivekanandha College of Engineering for Women for experiencing real Women Empowerment.

COLLEGE VISION

To impart value based education in Engineering and Technology to empower young women to meet the societal exigency with a global outlook.

COLLEGE MISSION

- **To provide holistic education through innovative teaching-learning practices**
- **To instill self confidence among rural students by supplementing with co-curricular and extra-curricular activities To inculcate the spirit of**
- **innovation through training, research and development**
- **To provide industrial exposure to meet the global challenges**
- **To create an environment for continual progress through lifelong learning**
-

DEPARTMENT VISION

To nourish the world of Technology & research with highly skilled women Biotechnologists to invent, innovate and disseminate the knowledge for the benefit of society & environment.

DEPARTMENT MISSION

- To create excellent prospects for multifaceted bioengineering exercise and research in biotechnology**
- To produce tailored human resource to drive innovative biotechnological processes**
- To disseminate the knowledge in upcoming opportunities evolving sustainable entrepreneurship and research in the field of biotechnology for present and future**

BIOTECHNOLOGY PROGRAM

OUTCOMES

PO1

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems. reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal and environmental considerations.

PO4

Conduct investigations of complex problems: Use research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6

The Engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7

Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Contemporary Home

For more information about this newsletter, contact us at: biotech.vcew@gmail.com

PROGRAM EDUCATIONAL OBJECTIVES

The graduands of Biotechnology have

PEO1

The ability to provide the students with a solid foundation and the ability to apply mathematics, science in Biotechnology and to analyze data and technical concepts for application in Quality assurance and enabling placements/higher education.

PEO2

An ability to inculcate the professional and ethical attitudes, effective communication skills, team work skills, multidisciplinary approach among the students and an ability to relate environmental issues in broader social context.

PEO3

To provide with an excellent training to enhance the core profession career in the field of agriculture, pharmaceuticals, biochemical, food tech and other allied biosciences.

PROGRAM SPECIFIC OUTCOMES

The graduands of Biotechnology will be able to

PSO1

Demonstrate expertise in basic sciences and foundation courses.

PSO2

Demonstrate a working knowledge of advanced biological sciences

PSO3

Demonstrate competence in application of engineering principles to biological systems.

For more information about this newsletter, contact us at: biotech.vcew@gmail.com

ASSOCIATION ACTIVITIES

03.01.2025

Department meeting with teaching faculties regarding NBA-Criteria and work allotment to the faculties

23.01.2025

Department Advisory Committee Meeting with teaching faculties regarding 5&6 semester syllabus.

31.01.2025

Board of studies (BOS) meeting with BOS members constitute for Regulation 2023 framework and COE

31.01.2025

Guest Lecture on “Drug Discovery and Development”. Mrs. DIVYA LOKESH (IQVIA), Bangalore for II Year

31.01.2025

Guest lecturer on the insights about the “Goals Settings” Dr. RATHNASAPABATHY, Professor, Department of Chemical Engineering, Annamalai University for III Year

18.02.2025

National Conference on Recent trends in Environment, Energy and Sustainability- REES’25
Mr. M. RAJESH KUMAR, Senior Executive, MSAT, Biocon Biologics, Bengaluru

18.02.2025

National Conference on Recent trends in Environment, Energy and Sustainability- REES’25
Mr. A.T. RAMANAN, Associate Consultant, IQVIA Analytics, Bengaluru

19.02.2025

National Conference on Recent trends in Environment, Energy and Sustainability- REES’25
Mr. S. MOHAMED SHARUKH KHAN, Process Technology Engineer, Sartorius Stedim India Private Limited, Bengaluru

24.02.2025

Class Committee representative meeting was conducted for II & III year and discussed about syllabus coverage, Grievances, Term fee payment and summer internship

06.03.2025

Guest Lecture on insilico Modelling and 3D Bioprinting: A synergistic Approach for Enhancing Probiotics & Animal Gut Health. Ms. MARIA SCIMRAN COSTA, Senior Application Scientist, Altem Technologies private limited, Bangalore for II, III, and IV year

07.03.2025

Guest Lecture on "A product from Lab to Market: Navigating the challenges in Commercialization" **Dr. C. KABILAN**, Managing Director, Primas Bioscience Private limited, Erode. for II, III, and IV year

08.03.2025

Guest Lecture on “Single Use Technology in Bioprocess Engineering” Mr. VISHNUVARADHAN KM, Project Support Engineer APAC, Sartorius Stedium India Private Limited, Bangalore for II, III, and IV year

15.03.2025

Guest lecture on Awareness About cGMP in Pharmaceutical Process .Mr. N. SARVANA KUMAR, Assistant Manager-QA, ALS testing Services India(P), Limited, Bangalore for II, III, and IV year

27.03.2025

Career Opportunities in Medical Coding ,Mr.JAIGANESH,CEO,Jass Medsped Health care Solutions, Salem. for II, III, and IV year

For more information about this newsletter, contact us at: biotech.vcew@gmail.com

STUDENTS ACTIVITIES AND PARTICIPATION

23.01.2025
&
24.01.2025

R.Brindha, B.Vijayambika, M.Swathi, M.Kiruthika of final year biotech has participated in International Conference on Biopharmaceuticals ,Nanobiotechnology, Nanosciences organised by Sree Sastha Institute of Engineering and Technology ,Chennai.

17.02.2025

P.Ruthira,M.Meena,M.Karishmavarsha, S.Subhiksha of final year biotech has participated in National conference on Innovation in Biotechnology for Sustainable Future (IBSF-2025) organised by Bannari Amman Institute of Technology.

17.02.2025

S.Amoka, P.Priyanka, M.Vasundara devi of final year biotech has participated in National conference on Innovation in Biotechnology for Sustainable Future (IBSF-2025)organised by Bannari Amman Institute of Technology.

17.02.2025

V.Dhanushya ,R.Ubasana, P.Vaishnavi of final year biotech has participated in National conference on Innovation in Biotechnology for Sustainable Future (IBSF-2025) organised by Bannari Amman Institute of Technology.

01.03.2025

T.S.Anusuya,B.Mahalakshmi,S.Megaasri, S.Nivetha, S.Senbakapriya of Third year biotech has participated in UDHAYAM'25 An Intercollegiate Technical and cultural fest organised by Kalaingar Karunanidhi Institute of Technology.

21.03.2025

T.S.Mahalakshmi,T.Diya vaishnavi,S.Sudharshana of Third year biotech has participated in TANCAM'S Hakathon organised by Periyar Maniammai Institute of Science and Technology.

21.03.2025

B.Agalya, A.Anushri, S.Hajara of Third year biotech has participated in TANCAM'S Hakathon organised by Periyar Maniammai Institute of Science and Technology.

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21.03.2025

E.Gobika Sree,S.Harshana Sree,S.Sangavi of Third year biotech has participated in TANCAM'S Hakathon organised by Periyar Maniammai Institute of Science and Technology.

21.03.2025
&
22.03.2025

P.Gopika,A.Gunavathi,S.Indhuja,S.Jayasri, G.R.Jayasree of Third year biotech has participated in workshop on "DNA finger printing" organised by Sri Shakthi Institute of Engineering and Technology

28.03.2025

K.Charulatha,A.Farjana,S.Hemavathi(2005), M.Mounica,S.Pavithra,V.Vaishnavi,R.Ranjani of Third year biotech has participated in workshop on "Next Generation on sequencing Technologies in Health Care" organised by K.S.Rangasamy College of Technology

28.03.2025

P.Sreejaisavitheeya, V.G.Yositha sree, S.Pooja sree, V.V.Vaishnavi, G.Jefrina Winifred of Third year biotech has participated in workshop on "Next Generation on sequencing Technologies in Health Care" organised by K.S.Rangasamy College of Technology

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FUNDS APPLIED

08.02.2025

Mr.K.Akash,AP/BT

has applied for a fund of Rs 50,000 for the Scheme of “Partial Finance Assistance” by Tamilnadu State Council for Science and Technology.

08.02.2025

Mr.K.Akash,AP/BT

has applied for a fund of Rs 25,000 for the Scheme “Partial Finance Assistance” by Tamilnadu State Council for Higher Education.

08.02.2025

Mr.K.Akash,AP/BT

has applied for a fund of Rs 1,00,000 for the Scheme Conference by University Grants.

08.02.2025

Mr.K.Akash,AP/BT

has applied for a fund of Rs 1,00,000 for the ER by Defense Research and Development Organisations.

17.03.2025

Dr.K.Gilbert Ross Rex,ASP/BT

has applied for a fund of Rs 1,00,000 for the Scheme “Innovation and Product Development” by Tamilnadu State Council for Science and Technology.

24.03.2025

Mr.K.Akash,AP/BT

has applied for a fund of Rs 1,00,000 for the Scheme “Innovation and Product Development” by Tamilnadu State Council for Science and Technology

31.03.2025

Dr.K.Gilbert Ross Rex,ASP/BT

has applied for a fund of Rs 21,52,000 for the Scheme “Young scientist and Technologist”.

01.04.2025

Dr.K.Gilbert Ross Rex,ASP/BT

has applied for a fund of Rs 1,00,000 for the Scheme “Innovation and Product Development” by Tamilnadu State Council for Science and Technology.

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PATENTS APPLIED BY FACULTY

23.12.2024

Ms.M.Fathima,AP/BT,

Ms.Ramya AP/BT

has registered a patent on the Title “Herbal Medicine Formulating Apparatus” in the agency The Patent office Government of India

23.01.2025

Dr.M.Rajamehala,AP/BT

has registered a patent on the Title “Apparatus for Cancer Detection” in the agency The Patent office Government of India.

27.01.2025

Dr.M.Rajamehala,AP/BT

has registered a patent on the Title “Composite structure Fabrication” in the agency The Patent office Government of India.

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FACULTY PARTICIPATION

03.01.2025
&
04.01.2025

Dr.A.Muthu kumara Pandian,ASP/BT

has participated in International seminar organised by Ranjiv Gandhi regional centre for Biotechnology.

08.01.2025
&
09.01.2025

Mr.M.Vijay Pradhap Singh,AP/BT

has participated in DST SERB Workshop organised by University College of Engineering,BIT campus, Anna University .

03.02.2025
-
08.02.2025

Dr.K.Gilbert Ross Rex,ASP/BT

has participated in ATAL organised by Sethu Institute of Technology.

18.02.2025

Mr.M.Vijay Pradhap Singh,AP/BT

has participated in XENVIRON'2025 organised by Karpagam Academy of Higher Education.

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21.02.2025

Mr.K.Akash,AP/BT

has participated in Webinar organised by DBT&BIRAC.

21.02.2025

27.02.2025

Mr.K.Akash,AP/BT

has participated in FDP organised by VICAS Sankagiri Campus.

01.03.2025

Mr.K.Akash,AP/BT

has participated in Symposium UDHAYAM'25 organised by Kalainar Karunanidhi Institute of Technology.

05.03.2025

&

06.03.2025

Mrs.M.Fathima,AP/BT,

Mr.M.Vijay Pradhap Singh,AP/BT

has participated in National Conference organised by Sethu Institute of Technology.

10.03.2025

15.03.2025

Dr.N.Dhayananth,ASP/BT.

Dr.Rajamehala,AP/BT

has participated in FDP organised by IQAC and MMTTC of Bharathiyar University.

PLACEMENT DETAILS

S. N O	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	CLARUS RCM	33
2	CORROHEALTH	3
3	KGIS	6
4	MITSUBA	6
5	SANMINA	6
6	PRELUDESYS	9
7	FRUZYME	2

S. N O	NAME	COMPANY	LOCATION, SALARY
1	Amerdhavarsine K M	Clarus RCM	CBE/3LPA,
		Corro Health	CBE/3LPA
2	Ayesha Sithika S	Clarus RCM	CBE/3LPA
3	Brindha R	Clarus RCM	CBE/3LPA
4	Devika R	KGIS	CBE/ 2.87LPA
5	Dhinishiya M	Clarus RCM	CBE/3LPA
		Mitsuba	Chennai/2.4LPA
6	Gopika G	Clarus RCM	CBE/3LPA
7	Harini S	6 Sanmina	Chennai/ 2.4 LPA
8	Indhuja M	Clarus RCM	CBE/3LPA

9	Jaipriya R	KGIS	CBE/ 2.87 LPA
		Clarus RCM	CBE/3LPA
		Preludesys	Chennai/3LPA
10	Jeevitha P	Clarus RCM	CBE/3LPA
11	Jega jothi P	KGIS	CBE/2.87LPA
		Clarus RCM	CBE/3LPA
		Preludesys	Chennai/3LPA
12	Kavipriya G	Clarus RCM	CBE/3LPA
		Fruzyme	Tiruppur/1.4LPA
13	Keerthika M	Clarus RCM	CBE/3LPA
14	Kiruthika C V	Clarus RCM	CBE/3LPA
15	Kiruthika M	Clarus RCM	CBE/3LPA

16	Logeshwari P	Clarus RCM	CBE/3LPA
		Sanmina	Chennai/2.4LPA
17	Madhubala G	Clarus RCM	CBE/3LPA
		Mitsuba	Chennai/2.4LPA
		Preludesys	Chennai/3LPA
18	Madhumitha S	Clarus RCM	CBE/3LPA
19	Meena M	Clarus RCM	CBE/3LPA
		Preludesys	Chennai/3LPA
20	Mohanapriya D	Clarus RCM	CBE/3LPA
21	Naveena S	Clarus RCM	CBE/3LPA
		Corro Health	Chennai/3LPA
22	Priyanka D	Clarus RCM	CBE/3LPA
		Sanmina	Chennai/2.4LPA

23	Priyanka P	KGIS	CBE/2.87LP A
		Clarus RCM	CBE/3LPA
24	Ranjani N	Mitsuba	Chennai/ 2.4LPA
25	Rubinika P	KGIS	CBE/2.87LPA
		Clarus RCM	CBE/3LPA
		Corro Health	Chennai/3LPA
26	Ruthira P	Clarus RCM	CBE/3LPA
		Preludesys	Chennai/ 3LPA
27	Samitha S	Clarus RCM	CBE/3LPA
28	Sanjushree V	Clarus RCM	CBE/3LPA
		Preludesys	Chennai/3LPA

29	Savitha S	Clarus RCM	CBE/3LPA
		Mitsuba	Chennai/ 2.4LPA
30	Sharmila R	Clarus RCM	CBE/3LPA
		Mitsuba	Chennai/ 2.4LPA
31	Shivashankari C	Clarus RCM	CBE/3LPA
		Preudesys	Chennai/ 3LPA
32	Sinega B	Clarus RCM	CBE/3LPA
33	Sowmiya B	Clarus RCM	CBE/3LPA
34	Srimathi V	Clarus RCM	CBE/3LPA
		KGIS	CBE/2.87LPA
35	Swathi M	Sanmina	Chennai/ 2.4LPA

36	Swathi S	Clarus RCM	CBE/3LPA
37	Thivija V	Sarimira	Chennai/ 2.4LPA
38	Vasundara devi M	Clarus RCM	CBE/3LPA
		Preludesys	Chennai/3LPA
38	Vijayambika B	Clarus RCM	CBE/3LPA
		Mitsuba	Chennai/2.4LPA
40	Ruba C	Fruzyme	Tiruppur/ 1.4LPA

