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-Infinite-
A NEWS LETTER OF DEPARTMENT
On behalf of the Management, Principal, Faculty members and Students of Biotechnology department, I am extremely happy to bring out the news letter of our department from the last 15 years. As modern scenario focuses much on Biotechnology, I strongly believe that this news letter will be of much use to the readers to motivate the Biotechnology fraternity. Sir Syed Institute for Technical studies (SSITS) is an unaided self-financing college affiliated to the Kannur University. It started functioning in October 2002 by CDMEA (Cannanore District Muslim Educational Association). The Institute is in pursuit of excellence and provides quality education. It continues to make enviable progress year after year, by way of its excellent functioning.

With the vision “To promote education and research in different avenues of Biotechnology for the benefit of students and society”, the PG department of Biotechnology was commenced in the year 2004. The department offers two courses B.Sc Biotechnology and M.Sc Biotechnology. The department celebrates its fifteenth year of unmatched excellence in shaping careers and building lives. The department with a superior academic environment aims at providing opportunity for higher education. The members of the faculty are highly qualified and have specialization in different fields. This department maintains an excellent record of accomplishments by securing 25 University ranks since 2007. Four of our students have successfully completed their research and have been awarded doctorate till June 2019. During the past 15 years around 40 PG dissertations under different areas of Biotechnology were brought out by this department. Apart from this, two gene sequences have been deposited in GenBank in 2011 and 2016 respectively. The department has organized several seminars, symposiums, training programmes and exhibitions since 2008.

The department has full-fledged and well equipped research and teaching facilities that includes Molecular Biology Laboratory, Cell and Tissue Culture Laboratory, Microbiology and Biochemistry Laboratories. The department also holds the required equipments in modern Biotechnology like PCR, Automated electronic gel electrophoresis system, Spin column based DNA/RNA purification system, Vacuum manifold technology, Semi dry blotting system, GST tagged recombinant protein purification system etc. The centre is also equipped with water and soil testing facilities.

**VISION AND MISSION**

1. To attain new heights in Biotechnology research, shaping Biotechnology into a premier precision tool of the future for the attainment of wealth and ensuring social justice.
2. To be an excellent quality, comprehensive and multidisciplinary Biotechnology centre that supports research, education and technology transfer for applications of Biotechnology for the benefit of agriculture, human health and the environment.
3. To believe in professional collaborative relationship with all colleagues by operating in an environment of mutual respect, integrity and support.
4. To commit to produce the highest quality education that meets our society needs by focusing on the usage of innovative Biotechnology as solutions to community problems.
LIFE SCIENCE EXHIBITIONS:

BIG BANG TO GENE TECHNOLOGY

A life science exhibition was conducted by the Department of Microbiology and Biotechnology on January 2008. Dr. C.Mammotty, Former Director, Krishi Vigyan Kendra, Panniyoor had inaugurated the programme. The exhibition showcased the remarkable progress in Life science research starting from Big Bang to Gene technology. The students from various schools and colleges got to witness and garner information on fermented food products, Biogas production, Bioleaching, Nanobiology, Genetics, Molecular Biology, Tissue Culture, Bt cotton and so on.

BIOFAIR 2011

The year 2011 witnessed a life science exhibition “BIOFAIR”, put together by the Department of Microbiology and Biotechnology. Dr. Abdul Rasheed, Former Pro- Vice Chancellor, Kannur University inaugurated the exhibition. The exhibition had a display of diverse nature including various Devices and Instruments, Biotech Materials, Food Technology, Medicine and Cancer Research, Plant Tissue Culture, Photo Exhibition, Agricultural Research and so on. A seminar presentation on ‘Plant Genetic Resources’ by Dr. Chandran, Director, Sugarcane Breeding Research Centre, Kannur, added to the appeal of the exhibition.

SYMPOSIUMS:

INTERCOLLEGIATE STATE LEVEL SYMPOSIUM ON MICROBIAL BIOTECHNOLOGY: DEVELOPMENTS AND TRENDS

An Intercollegiate state level Symposium was organized by the Department of Microbiology and Biotechnology on 4th-5th December 2009, with an aim to foster the dissemination of rapidly growing knowledge in the field of Microbial Biotechnology. The programme was inaugurated by Dr. Aravindan Tharammel, Former Course Director, Department of Molecular Biology, Kannur University. Students from various colleges made oral presentations. The presentation on Super Bugs bagged the first prize.
GRADUATE BIOTECHNOLOGY
SYMPOSIUM (GBS 2016):
Graduate Biotechnology Symposium 2016, was an innovative pro-
gramme convened by the Department of Biotechnology, meant to
provide the young minds of the Department an opportunity to
showcase their presentation skills. The Symposium was held on
17th-18th August 2016 and included the UG students of the
Department. Dr. Abdussalam, Assistant Professor, Department of
Botany, Sir Syed College, Chief Guest for the Day, inaugurated
the programme. He made an informative presentation on the topic
"Indigenous Knowledge and Plant Biotechnology: Is a Synthesis
Possible?"

In the afternoon session, students gave their presentations. Of
the nine participants, Abida of II year BSc Biotechnology, Darsha
of III year BSc Biotechnology and Safwana of II year BSc Biotech-
nology secured first, second and third places respectively. The pro-
gramme truly benefitted the students of the department and helped
them realize their true potential.

SEMINAR ON "VIRUS INDUCED
GENE SILENCING (VIGS)
TO STUDY GENE FUNCTION
IN PLANTS"
A seminar was organized by the Department of Biotechnology
on 25th January 2016 with Dr. Sajeeesh Kappachery, Post Doctoral
Fellow, Plant Molecular Genetics Lab, Kyungpook University,
South Korea as the Keynote Speaker who made a presentation on
the topic "Virus Induced Gene Silencing to Study Gene Function
in Plants". The comprehensive presentation gave the students an
exposure to some of the recent advances on VIGS.

UNIVERSITY LEVEL
BIOTECHNOLOGY
CONFERENCE (UBOC 2016)
The Department of Biotechnology organized and con-
ducted a University Level Biotechnology Conference,
UBOC 2016, on 22nd September, with the goal of pre-
paring students for an exposure to research. The Confer-
ence was inaugurated by the Chief Guest for the Day, Dr.
Anu Augustine, Head of the Department of Microbiology
and Biotechnology, Kannur University Thalassery
Campus, Palayad. Delegates and students from various
colleges attended the conference.
The inaugural session was followed by three plenary sessions. In the first session, Dr. Aree Augustiine presented an informative topic "Salt Tolerance Mechanism in Rhizophora mucronata”. After the presentation audience interacted with the speaker. The second plenary session had Dr. E. Jayadevi Varier, Associate Professor, Department of Biotechnology and Microbiology, Kannur University, Thalasserry Campus, as the Keynote Speaker who enlightened the audience on the topic "Vaccinology, the future and challenges". An active discussion ensued the presentation.

Post-lunch, participants presented posters. The final session of the Conference was a talk by Dr. Dileep Francis, Department of Biotechnology and Microbiology, Kannur University, Thalassery Campus, who gave an impeccable presentation on "MRSA Vaccines: Prospects and Challenges". The programme was well-received by the participants and is a remarkable accomplishment of the Department.

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**TRAINING PROGRAMMES**

**TRAINING PROGRAMME ON EXPERIMENTAL IMMUNOLOGY AND MOLECULAR BIOLOGY**

A three-day Training Programme on Experimental Immunology and Molecular Biology was organized by the Department of Microbiology and Biotechnology in the year 2008. Dr. K.M Khateel, Former Principal, Sir Syed College inaugurated the programme. Delegates from various Institutions were given both theoretical and practical demonstration on selected aspects of Molecular Biology and Immunology like Agarose Gel Electrophoresis, PCR, ELISA, Western Blot to name a few.

**SHORT TERM TRAINING PROGRAMME ON PLANT BIOTECHNOLOGY AND MOLECULAR BIOLOGY**

The Department of Biotechnology proudly organized a Short Term Training Programme on Plant Biotechnology and Molecular Biology (STPBM) on 10th - 12th February 2016 with an objective to provide an opportunity to the Life Science students to be well versed with Molecular Biology and Plant Tissue Culture techniques. The programme was inaugurated by Dr. Chandran, Senior Scientist, Biotechnology Division, Sugarcane Breeding Research Centre, Kannur. The programme received immense response from Students, Research scholars and Faculty members of various Institutes.
Owing to the positive response received, Training programme of the same kind was organized by the Department in the successive years too. The programme was inaugurated by Janab K Abdul Khader, President, CDMEA in the year 2017, by Dr. Heera, Scientist, Pepper Research Station, Panniyoor in 2018 and by Professor M. K Zahir, Principal, Sir Syed Institute for Technical Studies in 2019.
CAREER OPPORTUNITIES IN BIOTECHNOLOGY

The Department of Biotechnology introduced an interactive seminar series "Career Opportunities in Biotechnology" (COB) in the year 2015, with the objective to provide the students of the Department a platform to interact and be guided by some of the former students of the Department who are well-placed in their field of study at various reputed Institutions and Companies all over India and abroad. It has been a golden opportunity for the students to be acquainted with their super seniors and to get a thorough understanding of the scope and relevance of the subject Biotechnology in the larger world.

The series was inaugurated by Mrs. Santhi Raveendran, SRF, Indian Institute of Spices Research, Calicut on 9th January 2015. The sessions II, III and IV of the series were held on 4th February 2015, 16th February 2015 and 4th March 2015 and was handled by Mrs. Anusha Sreeshan, SRF, Department of Biotechnology & Microbiology, Kannur University, Palayad Campus, Thalassery; Ms. Gini D Elizebeth, Project Assistant, Kerala Agricultural University, Thrissur and Mrs. Sony Jayaraman, SRF, Department of Biotechnology & Microbiology, Kannur University, Palayad Campus, Thalassery respectively.

On 12th August 2015, Session V was held and Mrs. Aswathi Narayanan, Scientific Apprentice, Kerala State Pollution Control Board, Trivandrum, addressed the session as the keynote speaker. Session VI was held on 7th February 2019 and was addressed by Mrs. Nici Ashok, Senior Technical Assistant, ICAR- Sugarcane Breeding Institute, Coimbatore. This program series proved to be a pristine experience to the students of the Department.

BIOTECHNOLOGY ASSOCIATIONS

The Biotechnology Association (2014-2015) was inaugurated on 19th February 2015 by Dr. Indu S Nair, Post-Doctoral Research Associate, Rajiv Gandhi Centre for Biotechnology, Trivandrum. On the occasion, a seminar was presented by Dr. Indu S Nair on the topic "Research Prospects in Biotechnology with special reference to Stem Cells". She aroused curiosity and interest among students with her interactive and engaging presentation. This session was followed by a variety of entertaining performances by students of the Department.

The Biotechnology Association (2015-2016) "Inovim" was inaugurated on 26th February 2016 by Dr. Tajo Abraham, Assistant Professor, Department of Botany, Sir Syed College, Taliparamba. Dr. Tajo Abraham presented a Keynote Address on "Molecular Markers" and this was followed by various cultural activities by students.
The Biotechnology Association (2017-2018) was inaugurated on 28th February 2018, "The National Science Day" by Mr. Krishananadha Pai, President, Malabar Cancer Care Society, Kannur. He communicated with students on the importance of cancer awareness among people of the society.

The Biotechnology Association (2018-2019) was inaugurated on 23rd January 2019 by Dr. Neema Malik, Indian Institute of Spices Research, Calicut. She enlightened the gathering with a presentation on the topic “Transcriptomics Approach: Understanding Plant Pathogen Interaction”. The students were introduced to some of the latest methodologies in Biotechnology through the talk and they interacted with Dr. Neema after the presentation. In the afternoon session, students conducted a debate competition on the topic “Influence of social media in the society”.

Ms. Sreelakshmi of II year M.Sc Biotechnology was awarded Research Excellence Award by Prof. M.K Zahir, Principal, SSITS for securing 3rd place in Research Paper Presentation (Poster) at “Recent Advances in Molecular Biology-RAMB 2019”, a National Seminar organized by the Department of Molecular Biology, Kannur University. Virgin Mary Sabu was appreciated for her participation in Poster presentation in the same event.

The department of Biotechnology, Sir Syed Institute for Technical Studies has not only provided with quality education in the field of biotechnology for the last 15 years but also gained academic excellence through its students over the years. In a span of 15 years the post graduate department has been able to produce over 22 rank holder’s right from 2007 to 2019. Our graduate students have also secured a total of 3 ranks since the start of B.Sc. Biotechnology in this Institute. Also many of our former students have been awarded with doctorates, NET and JRF’s thereby proving that this Institute not only imparts academic excellence but also renders its students with immense capabilities so that they can excel in the field of advanced Biotechnology in the future as well.
### M.Sc Biotechnology

<table>
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<tr>
<th>SL</th>
<th>Name</th>
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<tr>
<td>1</td>
<td>Dhanya Suresh</td>
<td>I</td>
<td>2007</td>
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<td>2</td>
<td>Sajna C.M</td>
<td>II</td>
<td>2007</td>
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<td>3</td>
<td>Jyothi M</td>
<td>III</td>
<td>2007</td>
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<td>4</td>
<td>Sajna K.V</td>
<td>I</td>
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<td>5</td>
<td>Sanika K.C</td>
<td>II</td>
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<td>6</td>
<td>Shakira K.V</td>
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<td>2008</td>
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<td>7</td>
<td>Santhi R</td>
<td>I</td>
<td>2009</td>
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<tr>
<td>8</td>
<td>Sancera K.V</td>
<td>II</td>
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<td>9</td>
<td>Liji Lakshmanan</td>
<td>III</td>
<td>2009</td>
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<td>10</td>
<td>Aswathi Narayanan</td>
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<td>11</td>
<td>Rafeena V</td>
<td>II</td>
<td>2010</td>
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<td>12</td>
<td>Anusha Sreeshan</td>
<td>III</td>
<td>2010</td>
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<tr>
<td>13</td>
<td>Sony Jayaraman</td>
<td>I</td>
<td>2011</td>
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<td>14</td>
<td>Gint V.D</td>
<td>II</td>
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<td>15</td>
<td>Shabina K.V</td>
<td>III</td>
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<td>16</td>
<td>Remya C</td>
<td>I</td>
<td>2012</td>
</tr>
<tr>
<td>17</td>
<td>Jeeha Muneer</td>
<td>II</td>
<td>2012</td>
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<td>18</td>
<td>Aswathi P.K</td>
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<td>19</td>
<td>Smuthi M.K</td>
<td>III</td>
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<td>20</td>
<td>Remya V.M</td>
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<tr>
<td>21</td>
<td>Fathimath Afnah</td>
<td>III</td>
<td>2015</td>
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<tr>
<td>22</td>
<td>Sreeleakshi</td>
<td>I</td>
<td>2019</td>
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### B.Sc Biotechnology

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<tr>
<td>1</td>
<td>Sunita Soman</td>
<td>I</td>
<td>2015</td>
</tr>
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<td>2</td>
<td>Akhila Parameswaran</td>
<td>II</td>
<td>2015</td>
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<tr>
<td>3</td>
<td>Darsha P.P</td>
<td>I</td>
<td>2017</td>
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### Ph.D Holders

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<th>SL</th>
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<tr>
<td>1</td>
<td>Dr. Ganesh K Prasanth</td>
<td>Studies on natural and synthetic xenoestrogens</td>
<td>2012</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Sajna K.V</td>
<td>Production, Characterizations and Applications of Biosurfactants and Exopolysaccharides from <em>Pseudopezysma</em> sp. NII 08 165</td>
<td>2016</td>
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<td>3</td>
<td>Dr. Santhi Raveendran</td>
<td>Cloning and characterization of miRNAs from <em>Curcuma longa</em></td>
<td>2018</td>
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<tr>
<td>4</td>
<td>Dr. Neema Malik</td>
<td>Structural and functional Characterization of Phytophthora resistance genes in <em>Piper colubrinum</em></td>
<td>2019</td>
</tr>
</tbody>
</table>
### Ph.D HOLDERS

1. Mrs. Anusha Sreeshan
2. Mrs. Jaseera K.V.
3. Mrs. Sony Jayaraman
4. Mrs. Shamseera V.V.

### Students Enrolled in Ph.D

<table>
<thead>
<tr>
<th>SI</th>
<th>Name</th>
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<th>Year</th>
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<tbody>
<tr>
<td>1</td>
<td>Mrs. Anusha Sreeshan</td>
<td>Studies on the salt tolerance mechanisms in <em>Rhizophora mucronata</em> L.</td>
<td>2012</td>
</tr>
<tr>
<td>2</td>
<td>Mrs. Jaseera K.V.</td>
<td>Isolation, characterization and bioprospecting of heterotrophic micro algae with special reference to PUFA</td>
<td>2013</td>
</tr>
<tr>
<td>3</td>
<td>Mrs. Sony Jayaraman</td>
<td>Isolation of Immunomodulatory Biomolecules from medicinal plants</td>
<td>2016</td>
</tr>
<tr>
<td>4</td>
<td>Shamseera V.V.</td>
<td>Analysis of anti angiogenic components from marine macroalgae</td>
<td>2019</td>
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### CSIR/ICAR JRF and NET Holders

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Dr. Sajna K.V</td>
<td>JRF &amp; NET</td>
<td>2008</td>
</tr>
<tr>
<td>Dr. Neema Malik</td>
<td>JRF &amp; NET</td>
<td>2009</td>
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<tr>
<td>Mrs. Shamseera V.V</td>
<td>JRF &amp; NET</td>
<td>2011</td>
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<tr>
<td>Mrs. Jaseera K.V</td>
<td>JRF &amp; NET</td>
<td>2013</td>
</tr>
<tr>
<td>Mrs. Jumana</td>
<td>NET</td>
<td>2017</td>
</tr>
<tr>
<td>Mrs. Aswathi P.K.</td>
<td>NET</td>
<td>2018</td>
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</table>
INTERNATIONAL PUBLICATIONS


INTERNATIONAL GENBANK SUBMISSIONS


PAPERS PRESENTED IN SEMINARS AND CONFERENCES

- Unais K and Siraj M.V.P 4th-5th December 2009. RAPD profile of Piper colubrinum. State Level Symposium on Microbial Biotechnology: Developments and Trends organized by the Department of Microbiology and Biotechnology, Sir Syed Institute for Technical Studies, Taliparamba, Kannur, Kerala, India.

RESEARCH ACCOMPLISHMENTS: LAST TEN YEARS

- Isolation and sequencing of partial Glutathione-S-Transferase (GST) gene from Glycine max.
- Up regulation of glyoxalase I and methylglyoxal in Datura seedlings under various abiotic stresses.
- Detection of urinary tract infection in patients using PCR as a novel method.
- Isolation and sequencing of partial glyoxalase I sequence from Oryza sativa.
- Genetic variation studies on selected varieties of Cocos nucifera using RAPD molecular marker.
- Genetic diversity analysis of Piper nigrum using RAPD.
- Genetic diversity analysis of Rice (Oryza sativa).
- RAPD profile of different varieties of Mangifera indica.
- Isolation and cloning of partial genomic DNA of Beta 1, 3 Glucanase from Solanum tuberosum (Potato).
- Isolation of partial c DNA and genomic DNA of Mn-SOD gene from Lycopersicon esculentum (Tomato).
Dr. Neema Malik  
*ICAR Indian Institute of Spices Research Calicut*  
*Former M.Sc Biotechnology Student (2005-07 Batch)*

The years I have been at Sir Syed College and Sir Syed Institute for Technical Studies have been a beautiful time. Our batch was the most curious bunch of students raising questions and doubts in each and every topic. The doubt clearing sessions ended up in a lengthy discussion which helped me to think, grow and love the subject even more. As Dr. APJ Abdul Kalam rightly quoted ‘One of the important characteristic of the students is to ask questions. Let students ask question’. No matter whom we are and where we are, let us try to remain a student and keep asking question. Let us ask more, discuss more, think more and explore more.

Dr. Santhi R.  
*ICAR Indian Institute of Spices Research Calicut*  
*Former M.Sc Biotechnology Student (2007-09 Batch)*

My experience in SSITS gave me an opportunity to develop and sharpen practical skills in Biotechnology experiments. In fact this helped me a lot during my days at RGCB while doing M.Sc. Project and of course a lot for my Ph.D. Experience in college also allowed me to gain more subject knowledge. I cannot forget valuable suggestions and constant encouragement given by the teachers during the days at SSITS. Best Wishes.

Anusha Sreeshan  
*Research Scholar*  
*Department of Biotechnology and Microbiology*  
*Kannur University Thalassery Campus, Palayad*  
*Former M.Sc Biotechnology Student (2008-10 Batch)*

Presently doing Ph.D in Biotechnology under the guidance of Dr Anu Augustine, HOD, Department of Biotechnology & Microbiology, Kannur University, working on the salt tolerance mechanisms in *Rhizophora mucronata* L. It was a great experience at Sir Syed Institute for Technical Studies from where I gained a lot of practical knowledge in the field, which helped me during my research programmes. Thanks to all my teachers. The administration wing was good and the members were always approachable. Happy to be a part of the SSITS family.

Nici Ashok  
*Senior Technical Assistant*  
*Sugar Cane Breeding Institute*  
*Coimbatore, Tamil Nadu*  
*Former M.Sc. Biotechnology Student (2009-11 Batch)*

Let me begin with a teacher is a compass that activates the magnets of curiosity, knowledge, and wisdom in the pupils and the Department of Biotechnology of Sir Syed Institute was a Geometry Box which helped each one of us to explore our hidden talents in a 3 dimension manner. At present I am working at ICAR- Sugarcane Breeding Institute nicknamed as “Mecca of Sugarcane Research”

Frankly speaking so far I never faced a difficulty in my working atmosphere because of the guidance and the training which was imparted to me by my Lecturers from Sir Syed Institute for Technical Studies and proudly I can say that it was this institute which shaped me and made me what I am at present because I still remember my starting days at this institute when I was struggling with practical sessions even finding confused between Molarity, Molality etc. But today I am confident in my area of research and I thank every staffs of my department for planting the seeds of knowledge within me. All the best.
Sony Jayaraman  
Research Scholar  
Department of Biotechnology & Microbiology  
Kannur University, Palayad Campus.  
Former M.Sc. Biotechnology Student (2009-11 Batch)

Qualified M.Sc. in Biotechnology from Sir Syed Institute for Technical Studies (2011). The Institute is rich in its academic and instrumentation facilities. The teachers are very co-operative with a good knowledge of the subject. The laboratory experiments helped me a lot in my current Ph.D works. The Molecular Biology lab facilities are of good standards and provided me with a base in Biotechnology. Wish you all the best.

Fathimath Nafiha K  
Assistant Professor, Dept. of Biotechnology  
Sa-Adiya Arts and Science College, Kasaragode  
Former M.Sc Biotechnology Student (2013-15 Batch)

I am glad to know that our Biotechnology department is publishing a news letter to materialize the dreams of the students of this prestigious department. I feel very proud to say that, I was also the student of the great institution, Sir Syed Institute for Technical Studies, 2015 batch. For my expression of gratitude and respect, this page of news letter is not enough to me.

From my experience with teachers in Biotechnology department, it is true that “The future of a student not lies in any modern machines and advanced technologies, but it lies in the hands of faithful teachers.” I was really grateful to my teachers for what I am today. Today I am working as Assistant Professor of Biotechnology Department in Sa-adiya Arts and Science College, Kasaragod.

I stepped out from my SSITS with University third rank. The laboratory facilities provided by the college gave me the strength and courage to work on research in any Institute. During the course of my academic project, I realized the importance of Sir Syed Institute laboratory. The facilities, equipments and more over the cleanliness of our laboratory are unchallengeable. Once again, I wish all the success to teachers and students who have strengthened this institute and their helping hands to make this venture a great success.

Lini K  
Biochemist, Amala Institute of Medical Sciences  
Thrichur  
Former M. Sc Biotechnology student (2013-15 Batch)

‘I am who I am today because of the choices I made yesterday’ is a very famous quote. This is the most apt quote in my life. I am who I am, because I chose this institution to build up my graph in life. I feel proud to say that I had studied here. This institution instilled in me the motivation to achieve something in my life and that motivation has made me into a Biochemist of Amala Institute of Medical Sciences.

Let’s take a turn back to the beautiful memories I cherish of this institution. When I look into it, the inspiration of SSITS comes into my mind. Dr. Siraj sir was not only a teacher but also a great motivator. He helped me to bring out my talents. Rest of the part of my beautiful college life memories is filled with my friends with whom I celebrated Onam, Christmas, tour, other festivals, farewell party by my juniors. If I was given a chance to study in this college, I would happily do so. I am so lucky to be a part of such a big SSITS family. Thank you.
When standing at a stage of almost completing a wholesome three years of Biotechnology in Sir Syed Institute for Technical Studies there is no many things that go through my heart and mind than satisfaction and happiness.

Three years ago coming to Sir Syed Institute for Technical Studies with a hope of exploring Biotechnology never ever in my mind did I think that I am going to get thrown into such a brilliant crew of faculties. I don’t think that every single person can explore Biotechnology with a wholesome heart. But if you are passionate about this subject then definitely this is the right place.

Beginning with the Head of the department you get to listen to his lectures only during the last 2 semesters and looking into that as a big time loss in all aspects, trust me in all the points he is one of the most prolific and profound teacher whom I have ever come across. Handling a subject like Molecular Biology and making the students have interest to explore it is not really an easy task. And taking a brilliant topic brilliantly is definitely something splendid. And we are hereby truly very keen to have a Head of the department who asks us not to congest our knowledge just within the four walls of the classrooms. And definitely Biotechnology is never a field where you should be just with your books and classrooms.

Each and every faculty did justice to make us more knowledge full and responsible every day. To be very disciplined is yet another quality that you cannot trespass, the whole department right from the beginning had made sure that during all levels of academics and non-academics their students are disciplined, and definitely the faculties doesn’t really compel it on us. But at the end of the day when you self check, you are already a part of the process.

Biotechnology is mainly related with the laboratory activities related to the theories and you will definitely get awestruck by experiencing such brilliant laboratory facilities and having an excellent mentor to guide you. The laboratory facilities provide us with a chance to explore and to come closer to the subject. Together the laboratory and the classes, you tend to become a better version of yourself.

And to make it wiser, we have a vast and brilliant collection of books in our library. And the management is a great support for the growth of the department. To have a course not just namesake for 15 years but also showing a brilliant academic excellence, it is never a luck factor, but it has got a lot many stories of hard works from both the faculties and from the students.

Our department’s excellence doesn’t merely go with just academics, the non-academics taste of the department is also strong. The department with full support encourages the non-academic programmes by standing beside us always. The faculties always provide us with carrier guidance classes frequently. The lectures provided by the teacher are something more than which you cannot ask for. The energy and discipline that they carry along with them is contagious and is a true inspiration for all of us. And that reflects in the academic excellence of the department. The golden academic achievements by our students don’t really revolve within themselves instead they tend to inspire and become role models for each and everyone who witnesses it.

On behalf of 15 years of academic excellence the department is planning to celebrate this achievement with various programmes. The ability of this department to produce excellent human beings shall continue over many more years making it the most successful and advanced institutes that offers biotechnology as a course. I know this department that offers its students with not only education but overall development may continue its quantum leap in the field of Biotechnology and amaze all others surrounding them.