MBITS was started in 2009 to provide quality higher education, particularly for rural sector. We offer B.Tech, M.Tech and PhD programmes with an annual intake of 474 at a highly affordable fee structure along with scholarships by Management (Parish Church) and Government of India. S8 B.Tech students (2014-18 Batch) with 88.5% average pass and 62 students securing SGPA above 8 out of 10 in Sept. 2018. Among them, 21 students secured SGPA above 9 out of 10. Another 15 B.Tech students of 2014-18 batch secured first class with honours. We are also proud to note that 98.8% of 2019 passing out batch students secured placement offer. The main recruiters are: TCS, IBS, CTS, Wipro, MINDTREE, Hexaware, BYJUS, Procsys, Sutherland, Jaro, Armia, Mphasis, Six Dee, Shriram, Technneurons, Coral, Attinad, Ruby 7, IMAGE INFOSYSTEMS, ACCENTA, Quest Global, HGS. Infosys and UST GLOBAL scheduled their campus placements.

MBITS hosted Smart India Hackathon (SIH) 2017 and students participated in 2017 and 2018 SIH. An active consultancy centre is functioning and the college have programmes of Unnath Barath Abhiyan, Additional Skill Acquisition Programme (ASAP), Pradhan Mantri Kaushal Vikas Yojana, and Deen Dayal Upadhyaya Grameen Kaushalya Yojana. Contribution of NSS team, staff and other students during the flood relief work in 2018 are worth to mention. Personality development programs through various initiatives are another key strength.

More than 20% increase in student admission during 2018-19 are due to the excellent feedback from the students, parents, society and by the steady progress of MBITS.
Our Mission

- To provide graduate level technical education in the existing or conventional branches as well as in the newly emerging fields.
- To build up a centre of technical excellence.
- To help the youth of rural agricultural background to change with times, and to join the mainstream of industrial growth and information technology.
- To impart ethical values of our Indian tradition to the future generation.

The Management

Mar Basil Group of Institutions was started with a great vision of the Managing committee of Mar Thoma Cheria Pally, Kothamangalam for the benefit of common people to uplift their education and healthcare.

Its journey in the field of education was started in 1936 by establishing Mar Basil School at Kothamangalam. This Government aided higher secondary school secured first position in Kerala State for sports, during the recent three years consecutively. The Mar Basil Group of Institutions is presently managing Mar Baselios Medical Mission Hospital (Estd in 1978) – A 400 bedded multi-speciality hospital along with Mar Baselios School of Nursing (Estd in 1980), Mar Baselios Dental college (Estd in 2002) – one of the best Dental colleges in Kerala with BDS and MDS programs, Mar Baselios College of Nursing (Estd in 2003) with BSc and MSc programs and St. Mary’s Public School (Estd in 2001) – a higher secondary school recognised by CBSE.

Mar Baselios Institute of Technology and Science (Estd in 2009) is the latest addition in line with the vision of the Management, having B Tech, M Tech and Ph.D programs.
ADMISSION DETAILS

Affiliation to
A.P.J Abdul Kalam Technological University, Thiruvananthapuram and approved by the All India Council for Technical Education (AICTE), New Delhi.

Programme offered

<table>
<thead>
<tr>
<th>Programme offered</th>
<th>Sanctioned intake</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B.Tech</strong></td>
<td></td>
</tr>
<tr>
<td>Civil Engineering (CE)</td>
<td>120</td>
</tr>
<tr>
<td>Mechanical Engineering (ME)</td>
<td>120</td>
</tr>
<tr>
<td>Electronics &amp; communication Engineering (ECE)</td>
<td>60</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering (CSE)</td>
<td>60</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineering (EEE)</td>
<td>60</td>
</tr>
<tr>
<td>B.Tech (Lateral Entry)</td>
<td></td>
</tr>
<tr>
<td>Eligible diploma holders are directly admitted to 2nd year B.Tech (All branches)</td>
<td></td>
</tr>
<tr>
<td><strong>M.Tech</strong></td>
<td></td>
</tr>
<tr>
<td>Civil Engineering (CE)</td>
<td>18</td>
</tr>
<tr>
<td>(Computer Aided Structural Engineering)</td>
<td></td>
</tr>
<tr>
<td>Mechanical Engineering (ME)</td>
<td>18</td>
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<tr>
<td>(Computer Integrated Manufacturing)</td>
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<tr>
<td><strong>Ph.D</strong></td>
<td></td>
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<tr>
<td>Computer Science &amp; Engineering/Inter disciplinary</td>
<td>4</td>
</tr>
</tbody>
</table>
BE FUTURE READY
1. ADMISSION – B.TECH PROGRAMME

1.1. Mode of Admission
50% of the sanctioned intake will be allotted by the Commissioner for Entrance Examinations (CEE). Remaining 50% seats will be filled up by the Management, under Management Quota from the applications received at the College office.

1.2. Eligibility Criteria
a) Academic:- Pass in Higher Secondary Examination of the Board of Higher Secondary Education of Kerala or an examination recognized / equivalent there to.
b) Minimum marks:- As stipulated by the Govt. of Kerala

c) Should have qualified in the Engineering Entrance examination (KEAM) conducted by the Commissioner for Entrance Examinations of Govt. of Kerala or KEE conducted by KSFECMA.
d) Nationality :- candidates must be citizens of India.

  e) Character and conduct:- Candidates should have good character and conduct. A certificate in this regard should be produced from the Head of the Institution last studied.

1.3. Applications for B.Tech, Management Quota Seats
a) Application form and prospectus can be obtained from the college office.
b) The application along with the attested copies of the following documents shall be submitted directly to the college or by post so as to reach the college office on or before the prescribed date.

1.3.1. NRI Quota
1. Five percent (5%) of seats within the “Approved Intake” shall be allowed for admission under NRI category.
2. The candidates seeking for admission under this category need not participate in the entrance examination conducted by KEAM/KEE etc.

Fee for NRI quota admission is given in the fee structure attached with prospectus.

1.3.2. Lateral Entry
Additional 10% of seats are available in the third semester for eligible diploma holders, to be filled by Government and Management in the ratio Of 50:50. Their fee details are given in the fee structure.

1.4. Selection Procedure
Admission will be given on inter-se merit basis from the applications received at the college.

1.5. Admission
Management will have the right to deny admission to any candidate even otherwise eligible, for genuine and valid reasons. Selected candidates shall take admission at the appointed time and date in the College after paying the tuition fee and other fees failing which the offer of admission will be cancelled. The fees structure is attached with the prospectus.

1.6. Remittance of Fees
The fee can be remitted at any of the Federal Bank Branches for credit of the Savings Account Number 10080100305507 in the name of MAR BASELIOS INSTITUTE OF TECHNOLOGY & SCIENCE, NELLIMATTOM with Federal Bank, Kothamangalam. IFSC : FDRLO001008.
2. ADMISSION – M.TECH PROGRAMME

2.1. Application
All candidates seeking for admission to M.Tech course shall submit an application in the prescribed form to the Principal. Application form and prospectus can be obtained from the college.

2.2. Eligibility Criteria
a) Candidates should have passed the B.Tech degree examination or equivalent in the appropriate branch of Engineering with minimum 60% marks.
b) Candidates must be Indian citizens.

2.3. Certificates to be attached with the application.
Application forms duly filled up along with the self-attested copies of the following documents shall be submitted to the Principal directly at the College Office or by Post so as to reach the college on or before the prescribed date.
1) S.S.L.C or equivalent Certificate in proof the date of birth.
2) Mark list of the qualifying examination (BE/B.Tech or equivalent).
3) Gates Score card/ DTE rank, if any.

2.4. Selection Procedure
Out of the total number of seats sanctioned, 50% will be filled from the applicants holding a rank in the rank list published by the Director of Technical Education. Remaining 50% seats will be filled from other eligible applicants. Both the selections will be done by the Management on inter-se-merit basis. If any of the seats are not filled in the first category, the vacant seats will be filled from the applicants in the second category.

3. ADMISSION CALENDER
Application for B.Tech Course, under management quota can be submitted from the time of publication of Plus Two results. Visit the college website www.mbits.edu.in for other details.

4. ORIGINAL DOCUMENTS
Following original documents have to be produced at the time of admission. Students are reminded to keep sufficient number of photocopies of all certificates before submitting the originals to the college office.

4.1. B. TECH
1. S.S.L.C to prove the date of birth.
2. Qualifying Examination Certificates (+2/Diploma)
3. CEE data sheet
4. Allotment Memo
5. Community and Income certificate (if applicable)
6. Fee receipt (Govt. Quota candidates only)
7. Conduct Certificate.
8. Transfer certificate from the institution previously attended.
9. Medical fitness certificate
10. Five numbers of passport size photographs

4.2. M.TECH
a. S.S.L.C to prove the date of birth.
b. Qualifying Examination Certificates and mark lists (Degree)
c. DTE score card (If applicable)
d. Community and Income certificate (if applicable).
e. Medical fitness Certificate
f. Conduct Certificate

5. LIQUIDATED DAMAGES
If a candidate leaves the college after joining, he/she will have to pay liquidated damages as prescribed in KEAM Prospectus 2020. The following categories are exempted from paying the liquidated damages.
a. Candidates belonging to SC/ST categories
b. Whose annual family income is below 75,000/-
c. Those who discontinue their studies to join National Defence Academy / Naval Academy / Defence Institutions.

6. TUITION FEE WAIVER (for B.Tech)
Admission will be offered up to 5% students, over and above the sanctioned intake under the fee waiver scheme, as per norms set by AICTE. Such students will be exempted from paying the tuition fee. Allotment of students for such admissions will be done by the commissioner for Entrance Examinations.

PhD PROGRAMME
- Computer Science and Engineering
- Inter disciplinary
The Department of Civil Engineering was started in the year 2009 with an undergraduate program and presently affiliated to A.P.J Abdul Kalam Technological University, Trivandrum, Kerala with a sanctioned intake of 120 students. In 2012, the department started M.Tech course in Computer Aided Structural Engineering with an intake of 18 students. The department is blessed with highly qualified, experienced and dedicated faculty members, without whom the achievements were never possible. Many of our faculty members have secured ranks at their U.G. and P.G. level. Non-teaching staff members are also having good teaching and industrial experience and are capable of handling any lab.

The Department has state-of-the-art laboratories with vast area, machinery, equipment and other facilities. In addition to high quality teaching and instruction, the department offers technical consultancy services also. Testing facilities are provided for different construction materials in Material Testing laboratory & Transportation Engineering laboratory. The department undertakes lab consultancy works in the domain of Material Testing and Water Quality.
Mechanical Engineering Department of MBITS is fully fledged with state-of-the-art lab facilities and campus amenities. Started in the year 2009, the Department of Mechanical Engineering offers both undergraduate (B.Tech) and postgraduate (M.Tech) programs with an annual intake of 120 students in B.Tech and 18 students in M.Tech. The department is enriched with a team of well-qualified faculty members who are devoted to continuous learning and innovative development. The department maintains well-equipped lab facilities that allow students to gain hands-on experience in modern industrial facilities to meet the requirements of present industrial scenarios.
The department of Electronics and Communication Engineering was established in the year 2009 with an annual intake of 60 students. The Department has always been on a high growth path with experienced and dedicated faculty honoring strong commitment to engineering education who work with zeal and enthusiasm to provide a vibrant and optimum learning environment. To keep pace with the current technological trends, the department is well designed and constantly updated to incorporate all advancements in existing and emerging technologies which give the students a holistic and pragmatic view of the present scenario of the Electronics and Communication industry.

The state-of-the-art laboratories, such as Embedded Systems, Digital Image Processing, Circuit Simulation, Communication Labs, complement the high standards set by the competitive syllabus and nurture the inclination of the students towards research and development, besides giving them the necessary and sufficient backing of practical knowledge that they need. The department provides access to high end software including MATLAB. Technical, co-curricular and extracurricular activities of the students include participation in paper presentations, workshops, seminars, quizzes, technical competitions, cultural activities channelized through various clubs and events in the college as well as in university.
Computer science and Engineering department was established in the year 2009 with the objective of quality education in the field of Computer Science. The department offers undergraduate (B.Tech) course with an annual intake of 60 students and a post graduate (M.Tech) course in Cyber Security with an annual intake of 18 students. Also the department offers a PhD programme (Computer Science & Engineering/ Inter disciplinary) with an intake of 4 students. The primary goal of the department is to provide good facilities to students at par with current industry standards and enrich the students with new technologies and develop the leadership quality in them along with confident personal and professional skills. The Department offers well organized labs for programming practice in languages like C, C++, Java, PHP, Python, Perl, Ruby and in data structures, Database Management, Network Programming, Systems programming, Operating Systems, Free and open source software. With rapidly evolving technology and the continuous need for innovation, the department has produced quality professionals holding important positions in the IT industry in India and abroad.
The department of Electrical & Electronics Engineering in MBITS was established in the year 2010, with an annual intake of 60 students. The department has got an efficient team of distinguished, well qualified faculty and technical staff. The department is bestowed with well-equipped classrooms, library & full-fledged state-of-the-art laboratories. Faculty is encouraged to update themselves by participating in faculty development programmes in other institutions. Department also conducts programmes to enhance the technical and research skills of the faculty. In a short span of time the department could organize a National Conference on Recent Advances in Electrical & Electronics Engineering (NCREEE-15) in association with Kerala State Council for Science, Technology and Environment (KSCSTE) and International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering. The academic excellence is exhibited by the alumni, many of whom have been placed in top rated MNCs and academic fields, pursuing higher studies in well reputed institutions.
recent achievements

- 100% Pass in M Tech, S4 CE in 2018.
- 100% Pass for S2 B Tech theory subjects in last 2 years.
- 88.5% pass in B Tech, S8 Exam, 2018.
- 1st Position in B Tech, S4 EEE in KTU May 2018.
- 1st Prize for COSMOS autonomous planting robot in Smart India Hackathon- 2019.
- 1st Prize for Team MIDHYA in all Kerala short film competition by Kerala excise department.
- 1st Prize for Team Retrofits in state level KPIT Sparkle- 2019.
- 2nd Position in B Tech, S8 CSE in MGU May 2018.
- 3rd Position in B Tech, S2 ECE in KTU May 2018.
- 4th position for Team Metal heads in Quad Torc - 2019 over all India.
- 7th Position for Team Metal heads in Quad Torc – 2018 over all India.
- 15th Position for Team Metal heads in FFS India -2019 over all India.
- Retrofitted high power electric esteem selected to grand finale of KPIT Sparkle -2020.
- Vehicle to grid based solar powered utility vehicle selected to grand finale of KPIT sparkle -2020.
- First Class with Honours for 15 B Tech students, 2018.
- 7 university Ranks in 3 consecutive years.
- 62 students with SGPA More than 8 in KTU May 2018.
- Nodal center for Pradhan Manthri Kousal Vikas Yojan (PMKvy).
- Nodal center for Additional Skill Acquisition Programme (ASAP).
- Nodal center for Unnat Bharat Abhiyan (UBA).
- Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDUGKY) Centre.
- Received Punarjani awards 3 times, for NSS, State level.
- TCS Online Exam Centre from 2012 onwards.
- Campus hostels for Boys and Girls.
Library

MBITS Central Library was established in the year 2009 and has an excellent collection of 17,206 books and 4331 titles including journals, magazines and non-book materials. The Books here are classified according to Dewey Decimal Classification scheme. All the students, faculty, and non-teaching staff of MBITS are members of this library. Reprographic facility is available in the library premises. MBITS library follows an open access system. Fully computerized library system with an OPAC search facility is functioning. The Library provides campus-wide IP-enabled access to on-line journals like IEEE digital library, Science Direct Information from National Program on Technology Enhanced Learning (NPTEL) and other Electronic Resources are also available for the user community. The Library reading space can accommodate more than 150 students.

IEDC Cell

The Innovation and Entrepreneurship Development Center (IEDC) of MBITS under Kerala Startup Mission (KSUM) was constituted in the year 2013. Our objective is to develop and promote commercially viable innovative product and solutions from the students. IEDC's works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world class infrastructure, high quality mentor ship, early risk capital and external connects. Workshops, Boot Camp and seminars on latest technologies are organized by the cell every year. As a result of the cell activities, our students are getting a platform to build their own company with the support from the college management and eventually they will be trained to become an entrepreneur once they move out of the campus.
Well- Equipped Laboratories and Information Centre
To impart practical exposure, improve understanding and grasp scientific principles better, the college has well equipped labs for all branches. The flexible teaching laboratories, equipped with state-of-the-art technology, which accommodate a variety of instructional approaches incorporate modern technology and facilitate interactions between faculty and students.

Transportation
Our college buses are plying to Thripunithura (via Kolenchery), Pattimattom (via Muvattupuzha), Angamaly (via Kurichilakode), Aluva (via Perumbavoor), Panamkuzhy (via Kottappady), Adimaly, Vannappuram, Thodupuzha (via Pothenicad) and Kuttampuzha for the convenience of the students. The number of buses and routes will be increased as and when required.

Medical Facility
Provided at the well established 400 bedded Hospital at Kothamangalam, MBMM comes under Mar Basil Group of Institutions. Counseling facility is available in the college.

Hostel Facility
Both the boys’ hostel and girls’ hostel are located inside the campus. Each student is provided with a cot, table, chair, shelf and cupboard in their respective rooms. Each room is provided with a ceiling fan.

General Facilities are:
- Study hall for group study
- Quality purified water
- Wi-Fi connectivity
- Inverter of 3KVA
- 24 hours security service
- Indoor and outdoor games
- Television within the Mess hall
- Visitors’ room
Sports
The college has enough space for playing games viz., cricket, football, tennis, volleyball and basketball and in addition to it athletics and indoor games are also available. A permanent sports ground on par with National standards is also there in the campus along with a well equipped gym.

Gym
MBITS is well equipped with a multi-gym and a range of free weights and aerobic equipment - including a treadmill. The gym is great for building strength, burning fat, improving general fitness, and for specific sports conditioning.

Arts
We take every effort to encourage our students to participate in various social and cultural activities. RHYTHM, the Arts Fest that can encompass a wide range of art genres including music, dance, fine arts, literature, poetry etc highlights our students’ creative ambition and give them a chance to showcase their talent and hard work.

Clubs
The college has a Nature Club and Arts & Sports Club, Media Club, Yoga Club and students are actively participating in the respective activities. College Union is formed every academic year as per the University regulations based on the directives of the Hon’ble Supreme Court of India. The college has a well-equipped health club. An Anti-Narcotic cell is actively functioning in the college.
NSS MBITS - Unit 227 & 571

National Service Scheme is a student centered programme and it is complementary to education. It is a noble experiment in academic extension. MBITS has two vibrant units of NSS. It inculcates the spirit of voluntary work among students and teachers through sustained community interaction. It brings our academic institutions closer to the society. It is a link between the campus and community, the college and village, knowledge and action. The overall aim of NSS is the Personality Development of students through community service.

Recent programmes conducted by the college NSS units include Punarjani project, Revenue Tower cleaning, fund raising for kidney patient (more than Rs 2,70,000/- in 2 days), sign board cleaning , blood donation camps and voluntary blood donation by volunteers, awareness Programs on E-waste, gender equality and flood relief programmes on various affected areas.

Punarjani: By the Punarjani project at Govt Hospital Perumbavoor, Govt Hospital Muvattupuzha and Govt Homeo Hospital Muvattupuzha, the NSS unit of MBITS was able to recreate assets worth more than 86 lakhs and the team received Punarjani appreciation award from Dr. Thomas Issac, Finance Minister for the year 2016 and from Dr. K.P. Indira Devi, Director of Technical Education, Kerala for the year 2017.
Scholarships

- Merit cum means Scholarship - Scheme of Merit cum means based scholarship to students belonging to minority communities is available. Every year 20000 scholarships will be distributed among the students of minority communities throughout the country. A great number of our students are its beneficiaries.

- Central Sector Scholarship - Professional Courses: Rs.1000/- per month for the first three years (Subject to a Maximum of Rs. 10,000/- for an academic year) and Rs. 2000/- per month for the 4th and 5th years of study (Subject to a maximum of Rs. 20,000/- for an academic year).

- Pragati Scholarship scheme for girls students of Pragati is a MHRD Scheme being implemented by the AICTE, aimed at providing assistance for Advancement of Girls pursuing Technical Education.

- C H Muhammed Koya Scholarship - The scholarship is offered to girl students belonging to the Muslim community or Latin Catholic Community or Converted Christians.

Anti-ragging Cell

MBITS is an anti-ragging campus with an active cell involving an anti-ragging squad. Ragging / any type of misconduct towards any student either in the college campus or outside will be considered as criminal offence and will be reported to the police. Perpetrators will not be permitted to continue their studies. The court orders related to this Subject will be strictly followed. We maintain a totally ragging free atmosphere.
Placement (97%)

The full fledged Training & Placement Cell is working towards better opportunities for its students and bridges the gap between prospective employer and candidate. Provide attitude of soft skill development training programs to students. The cell conducts Aptitude tests, Group Discussions and Mock Interviews and facilitates Campus Recruitment drives on timely basis. It also conducts activities to motivate students to excel and arranges Internships/Industrial Training and add on courses in various reputed organizations and focuses in maintaining Industry-Institute-Interaction. 97% of pass out students got placement offers. Our recruiters include Infosys, CTS, TCS, ITC INFOTECH, Speridian Technologies, Mphasis, Accenture, IBS Software, Spectrum, Federal Bank and many more.