When we study in a college, striving to become a doctor, a lawyer, or an engineer - this is education for a living. On the other hand, education for life requires an understanding of the essential principles of spirituality; it is about gaining a deeper understanding of the world, our minds, our emotions, and ourselves. We all know that the real goal of education is not to create people who understand only the language of technology; the main purpose of education should be to impart a culture of the heart, a culture based on spiritual values.

Communication through technology has made the world a small place yet there is so much of a division. Today’s world needs people who express goodness in their words and in action with which the darkness prevailing in today’s society will be dispelled and the light of peace and non-violence will once again illuminate this earth. Let us work together towards this goal.
MISSION

To provide value-based education and mould the character of younger generation through a system of wholesome learning so that their earnest endeavor to achieve progress and prosperity in life, is matched by an ardent desire to extend selfless service to the society, one complementing the other.
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amrita Vishwa Vidyapeetham</td>
<td>08</td>
</tr>
<tr>
<td>Academic Programmes</td>
<td>11</td>
</tr>
<tr>
<td>Constituent Schools</td>
<td>11</td>
</tr>
<tr>
<td>Recognitions and National Ranking</td>
<td>12</td>
</tr>
<tr>
<td>Department of Sciences</td>
<td>15</td>
</tr>
<tr>
<td>Department of Mathematics</td>
<td>23</td>
</tr>
<tr>
<td>Department of English</td>
<td>29</td>
</tr>
<tr>
<td>Facilities</td>
<td>38</td>
</tr>
<tr>
<td>Mata Amritanandamayi Math</td>
<td>42</td>
</tr>
<tr>
<td>How to Reach</td>
<td>44</td>
</tr>
</tbody>
</table>
To become special or extraordinary is the dream of every ambitious student. But how does one become special? Is it only through academic excellence? Of course, that is part of it, but academic brilliance alone is not enough. The most important thing in building your life and future is your ability to focus on your inner self and to realize the inherent abilities there within.

When you graduate and enter the practical world of opportunities and challenges, you may find yourself among thousands of competent professionals. What will you have over them? It will be your ability to tap into your inner source and let flow the grace you find there into your work. The extent to which you will be able to do this will depend entirely on how open you are to the wonderful opportunities available at Amrita.

May you ever remain open to Amma’s grace.

Ever in Amma,

With Love and Prayers
We welcome every batch of students with renewed enthusiasm. We have come to be identified for our academic rigor and deep commitment to human values. We strive to guide our students into exemplary models in their chosen profession.

And our Alumni have more than proved what we mean. And this has added confidence into our minds and enhanced our resolve to take the mission, for which ‘AMMA’ has set up these temples of learning, to its logical conclusion. Be with Amrita family to lead an intense life of academics flavoured with universal human values. We shall empower you with wholesome knowledge and send you out into your field of specialization as our Ambassadors.

I am sure you are going to enjoy here every bit of this experience to the fullest extent.

Brahmachari Abhayamrita Chaitanya
Pro-Chancellor - Amrita Vishwa Vidyapeetham
It is both young and immensely dynamic, with a unique holistic approach to produce leaders in all of its disciplines. At Amrita Vishwa Vidyapeetham, we have assembled some of the most well known academicians, entrepreneurs, executives, inventors, philanthropists, researchers and scientists to guide us in this noble endeavour. We have launched International Centres for Excellence with strong partnerships with some of the highest ranked universities from all over the world in many of the foremost frontiers of management and technology.

A very hearty welcome to you to this sacred temple of learning and leadership, and we hope you can become part of this exciting venture.
Dr. Sasangan Ramanathan
Dean-Engineering - Amrita Vishwa Vidyapeetham

Prof. C. Parameswaran
Director - Corporate & Industry Relations
University RANKINGS & ACCREDITATION

 Ranked 8th among 700 universities in National Institutional Ranking Framework (NIRF) 2018 of Government of India. Only private university in the top 10

 Re-accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade and CGPA of 3.4

 Ranked No.1 in the Technical Institutions category of the SWACHHTA RANKING 2017 of Higher Educational Institutions by MHRD, Govt. of India

 Ranked as **TOP PRIVATE UNIVERSITY IN INDIA** in the following world university rankings:

 - THE WORLD UNIVERSITY RANKINGS ASIA RANKINGS 2018
 - THE BRICS & EMERGING ECONOMIES 2016
 - QS WORLD UNIVERSITY RANKINGS ASIA RANKINGS 2016
Amrita Vishwa Vidyapeetham is a University established under Section 3 of the UGC Act 1956. Amrita was established by the renowned humanitarian leader, Sri Mata Amritanandamayi Devi, who is also the Chancellor of the University. She is also affectionately known as AMMA, who has dedicated her life for the upliftment of humanity through selfless service. The University is managed by a registered public charitable trust, the “Mata Amritanandamayi Math,” which has been recognized by the United Nations for its multifarious social, cultural, education, disaster relief, healthcare activities all over the world.

The University's activities are based upon a deep understanding of our values and culture. This is in alignment with the educational outlook of our Chancellor, namely: "Education for life, not just education for a living."

AMRITA, a multi-campus, multi-disciplinary, research-intensive university has been ranked as the top private university in India in several World University Rankings (WUR) such as Times Higher Education Asia Rankings 2016; Quacquarelli Symonds (QS) Asia 2016 ranking, Times Higher Education BRICS Rankings 2015-2016 etc. Amrita has also been ranked 8th in the National Institutional Ranking Framework (NIRF) 2018, by the Ministry of Human Resource Development (MHRD). Amrita is accredited with the highest grade of ‘A’ by the National Assessment and Accreditation Council (NAAC).
AMRITA educational institutions strive to provide the best possible education in terms of academic excellence, facilities, ambience, pedagogy and infrastructure. The education that the students receive here instills and inculcates both values and virtues and at the same time sensitizes them to the essential principles of spirituality. We believe in an education that appeals to the head as well as the heart – one that imparts knowledge with an attitude for selfless service to the society.

ACADEMIC PROGRAMMES

AMRITA VISHWA VIDYAPEETHAM was conferred the “UNIVERSITY” status under “Section 3 of UGC Act 1956” by the Government of India in 2003.

With campuses at Coimbatore, Amritapuri, Kochi, Bengaluru and Mysuru, Amrita is emerging as one of the fastest growing institutions of higher learning in the country. The university, which is managed by Mata Amritanandamayi Math, offers over 150 undergraduate, postgraduate and doctoral programmes in Engineering, Business, Medicine, Dentistry, Pharmacy, Nursing, Journalism, Biotechnology, Information Technology, Arts and Sciences, Health Sciences, Teacher Education, Microbiology, Hospital Management, Visual Media Studies, Mass Communication, Social Work, Nanosciences and Ayurveda.

CONSTITUENT SCHOOLS OF AMRITA VISHWA VIDYAPEETHAM

Amrita School of Engineering, Coimbatore
Amrita School of Business, Coimbatore
Amrita School of Ayurveda, Amritapuri
Amrita School of Arts & Sciences, Amritapuri
Amrita School of Engineering, Amritapuri
Amrita School of Biotechnology, Amritapuri
Amrita School of Arts & Sciences, Kochi

Amrita School of Medicine, Kochi
Amrita College of Nursing, Kochi
Amrita School of Dentistry, Kochi
Amrita School of Pharmacy, Kochi
Amrita School of Engineering, Bengaluru
Amrita School of Arts and Sciences, Mysuru
Amrita School of Education, Mysuru

In addition to these schools, the University runs programmes in stand-alone departments and centres in Business Management, Social Work, Mass Communication and Nanosciences.
Based on the evaluation of all the campuses and programmes by a peer review committee, the University has been accredited by National Assessment and Accreditation Council (NAAC) with ‘A’ grade, which is the highest possible grade.

AMRITA Vishwa Vidyapeetham has also been ranked in the ivy league of Indian universities along with the top institutions in India like Indian Institute of Science, Bangalore, Tata Institute of Fundamental Research (TIFR), Mumbai etc. in the 2009 review of Deemed Universities constituted by the Ministry of Human Resource Development (MHRD) of the Government of India. AMRITA is placed in Category 1 in this review, which is popularly known as the Tandon Committee report conducted by a high power committee consisting of reputed academicians.
FACULTY & STUDENTS

AMRITA started off in November 1994, as a School of Engineering in an obscure village called Ettimadai, at the foothills of Bouluvanpatty ranges of the Western Ghats in Coimbatore district of Tamil Nadu, with 120 students and 13 faculty members. Today, AMRITA Vishwa Vidyapeetham University spread over five campuses in three different States of India has a student population of around 17,000 and faculty strength of 2000, conducting over 150 UG, PG and Doctoral programmes. Presently, there are over 600 Ph.D/DM holders as faculty in the University, which is perhaps the best among private universities in India. The staff-student ratio in the University, which is about 1:8, is one of the best prevailing in the country and especially in the private universities. The University today is having a total land area of about 1000 acres and built-up space of about 8 million square feet.
The department of Sciences comprising Physics and Chemistry aims at developing a genuine interest in the respective fields by way of combining the traditional theories with the emerging developments in recent times. Besides offering programmes in Sciences, we also offer courses to students of engineering and technology.

The Department has expertise in various fields such as Theoretical Nuclear and Quantum Physics, Biosensors, Nanomaterials and Nanotechnology, Biomaterials, Fuel cells, Electrochemistry, Organometallics, Quantum Optics, Non linear optics, Medicinal Organic Chemistry, Computational Chemistry, Solar cells, Thinfilms, Corrosion, Environmental Chemistry, Ion traps, Atomic physics and Laser Materials Processing.

In addition to the teaching labs for students majoring in Physics / Chemistry or Engineering, the Department has several Research labs with state of the art facilities such as Biosensor Research Lab, Amrita Materials Synthesis and Processing Lab, Amrita Biochemistry Materials Research Lab, Dhanvanthari Lab, Amrita Nonlinear Optics Lab, and Particle Dynamics Lab. 21 research fellows are working towards their PhD supported with fellowships from CSIR, INSPIRE-DST etc. Our faculty members also collaborate within and outside Amrita for interdisciplinary research initiatives.
Why Sciences @ Amrita?

- Grooms young minds with strong fundamentals in basic sciences.
- Equips students to take up cutting edge research in Science and Technology.
- State of the art laboratories to create the right ambience for a vibrant research culture.
- Exchange programmes with international Universities.
- Training to take up scholarship examinations which lead to high quality research.
- Exit Option at the end of third year for Five Year Integrated Programme

PROGRAMMES

**Five Year Integrated**
- M. Sc in Physics
- M. Sc in Chemistry

**Two year**
- M. Sc in Physics
- M. Sc in Chemistry

**PhD**
FACULTY PROFILE

The department has 30 faculty members who have acquired their post graduation and PhD degrees from various premier institutions in India and abroad. A few of them have won prestigious awards such as ‘Innovative Young Biotechnologist Award’ and ‘Young Scientist Award’. Some of them have been part of major research projects in top ranking foreign universities such as KTH- Sweden, CLR, University of Catania- Italy, University of Milan- Italy, GSI Helmholtz Centre for Heavy Ion Research- Germany, ECM &ICC, University of Barcelona- Spain, Instituto Superior Technico, Lisboa- Portugal etc.
Externally Funded projects: Ongoing  
(To the tune of Rs. 460 Lakhs)

Our interdisciplinary research work has helped us procure projects from government departments like DBT, DST, CSIR, DRDO, ISRO, MHRD etc.

Research Collaborations

• Collaboration with Space Physics Laboratory (SPL), VSSC, ISRO to study stratosphere of atmosphere using Radiosonde
• CNR -CATANIA, Italy
• GSI, Helmholtz Institute for Heavy Ion Research, Germany
• Baba Atomic Research Centre, Mumbai, India.
• Wipro Technologies and Abbot Health Care Limited
• RIT, Newyork, USA.
International Conference on Material Sciences (SCICON’ 16)

An International Conference on “Advanced Materials” was conducted by the Department of Sciences from December 19-21, 2016, which brought together scientists from different parts of the world. The three day conference had 10 plenary talks, 38 invited talks, 70 oral presentations and 150 posters in various tracks such as Nanomaterials, Biomaterials, G Technologies, High Energy Applications, Translational Research Composites, Computational Chemistry, Polymeric Materials, Optical Materials, Electronic Materials and Magnetic Materials.
The department tracks growth of each student and does everything to help reach his/her full potential. Each student is thoroughly motivated. Teaching has been done with meticulous practice and awesome precision.

**Sachin Varma U**
(VIII Semester, Int. M. Sc.)

Sailing into this unchartered waters of chemical world laced heavily with clichéd stereotypes would have been downright impossible if not helmed by positive energy and inspiration embodied in the head of department.

**Navaneeth P**
(VIII Semester, Int. M. Sc.)
The Department of Mathematics aims to seamlessly fuse the innate beauty and logic of Mathematics with the contemporary needs in Science and Technology. Our programmes are designed to rekindle a genuine passion for Mathematics.

The Department has a team of highly qualified faculty members, who have obtained their Ph.D from reputed universities, with specialization in recent and advanced fields such as Linear and Abstract Algebra, Lie Algebra and Bundles, Graph Theory, Number Theory, Cryptography, Numerical Analysis, Fractals, Wavelets, Dynamical Systems, Functional Analysis, Fuzzy Optimization, Fractional Differential Equation, Stochastic Differential Equation, Six-Sigma, Regression Analysis and Statistical inference.

The Department has organized International and National Conferences and our faculty members publish on a regular basis in refereed International and National Journals.
Why Mathematics @ Amrita?

- Thrust on Theoretical, Computational and Applied aspects in Mathematics
- Student Exchange Programmes with reputed Universities in USA and Europe
- Scope for learning interdisciplinary problems involving mathematics
- Opportunities for collaborative research
- Opportunities for the students to attend the short term courses by various top national Institutes
- Exposure to industrial requirements
- Special focus on competitive exams for career growth

PROGRAMMES offered

Five Year Integrated
M. Sc in Mathematics

Two year
M. Sc in Mathematics
M. Sc in Applied Statistics and Data Analytics

PhD
Conferences organised


• International Conference titled “Second India-Taiwan Conference on Discrete Mathematics”, September 08-11, 2011.

• International Conference on “Applications of Fractals and Wavelets”, January 10-11, 2015.

• International Conference on “Graph Theory and its Applications” December 16-19, 2015.

Invited talks (2016-17)

• Dr. Matjaž Kovše (University of Maribor)

• Dr. N. Narayanan (IIT-Madras)

• Dr. Srinivas Suripeddi (VIT University)

• Dr. R. Roopkumar, (Central University of Tamil Nadu)

S A N K H Y A

ANANTHAM, Mathematics Club organizes workshops, quiz programs and puzzle corners etc for student members. It also organizes intercollegiate competitions.
The serene atmosphere in the campus provides lot of energy to give our best performance in curricular, co-curricular, and extra-curricular activities.

Anagha S.
(II Year Integrated M.Sc Mathematics)

Amrita Vishwa Vidyapeetham offers us an exemplary learning experience under the guidance of experienced and friendly faculty. I consider myself very lucky to do this Integrated Programme in the Department of Mathematics. Here we are exposed to the complexities in the subject in a very interesting way. This, in turn, has fetched me an opportunity to study at University of Trento, Italy as part of students exchange programme.

Sree Parvathi P. M.
(III Year Integrated M. Sc Mathematics)
Anantham - Math Club

Anantham, the mathematics club in Amrita helps the students of various disciplines to foster appreciation for mathematics, problem solving skills and to gain insight into mathematics. The Club also organizes workshops, quiz competitions and special lectures in various topics on mathematics and its applications by subject experts. Further, it engages actively in the annual tech fest ANOKHA.
DEPARTMENT OF ENGLISH
Literature is the most sublime form of linguistic expression. Through the power of words and imagination, this discipline enables one to understand oneself and his / her fellow beings with empathy. We, in the Department of English, Amrita University, believe in the transforming power of words; and hence, we create room for a dynamic literary sensibility to flourish and strive to produce highly competent literary professionals.

PROGRAMMES offered

B. A. in English Language and Literature

M. A. in English Literature & Literary Theory

Ph. D. in English (Full time / Part time)
The department has fifteen well-qualified and experienced faculty members who have done their post-graduation and PhD from reputed universities including IITs and Central Universities.

Besides teaching, the faculty members actively involve themselves in research and their research areas include Comparative Literature, Indian English Literature, European Literature, Literary Theory, Bhakti Poetry, Women’s Writing, American Literature, Folk Literature, etc. Our faculty members have published extensively in refereed national and international journals.

Our faculty members, who are certified trainers and examiners, help students take up international language tests like Business English Certificate (BEC), IELTS, and TOEFL.

A fully computerized lab with state-of-the-art facilities provides an authentic language learning experience. Besides the Central Library which is a repository of thousands of scholarly books and hundreds of academic journals, the Department library has a good collection of books on all major domains of language and literary studies.

The department regularly organizes Conferences, Faculty Development Programmes and Invited Talks by experts in various areas of Language and Literature. In August, 2017, a major three-day international conference on Interrogating Cultural Translation: Literature and Fine Arts in Translation was organized jointly with Caesurae Collective Society. The conference brought together scholars (from India and abroad) working not only in literature but also in different art forms/media and it provided a wide panoramic view of cultural translation and translation of culture. In February 2018, Rupkatha, one of the reputed international academic publishers brought out a special edition comprising select papers from the conference.
Why Literature @ Amrita?

- Innovative and updated syllabus
- Special coaching for UGC-NET
- Good placement opportunities in a wide variety of fields such as teaching, publishing, media and communication, translation, technical writing, administration, tourism and hospitality etc.
- Invited lectures by eminent academics from India and abroad
- Opportunities to learn foreign languages
- Multicultural ambience and multidisciplinary academics
Interrogating Cultural Translation; Literature & Fine Arts in Translation
First International conference of Caesurae Collective,
Jointly organized with Department of English, Amrita Vishwa Vidyapeetham.
The department of English organized the release of Dr. Laura Corradi’s book *Gypsy Feminism, Intersectional Politics, Alliances, Gender and Queer Activism* (published by Routledge Focus) on Dec 28, 2017. Dr. Laura is an eco-feminist, anti-racial activist, and author. She is presently a social scientist at the University of Calabria. She is very closely associated with Amrita Vishwa Vidyapeetham and is collaborating with the department in conducting research in related areas.
The multilingual club is an excellent forum for literary and cultural aspirations of the students. Poetry reading sessions, debates, extempore speeches, quizzes, crossword games, book and film reviews, staging plays, classic movie screening are some of the events that are regularly organized.
This university is a great place for moulding one’s personality as it helps a student to discover his or her true potential. The curriculum is designed to inculcate research aptitude in the students and it offers fresh insights into the discipline.

Devika Kakkat
IV Semester M.A.
Central Library

Amrita Vishwa Vidyapeetham Central Library uses an automated Library Information system connected to the LAN/Wi-Fi for quick interaction with the library.
Hostels
Separate hostel facility is provided for girls and boys. There are nine hostels, two for girls and seven for boys in the campus which can accommodate about 6400 students. There are 1900 single rooms, 984 four seater rooms and 202 two seater rooms in the Hostels. P.G. students and final year U.G. students are allotted single rooms

Hostels Capacity
BOYS : 7 Hostels · Capacity 3500
GIRLS : 2 Hostels · Capacity 1900

Corporate & Industry Relations (CIR)
In a multi-campus, multi-disciplinary university like Amrita Vishwa Vidyapeetham, the students have many options to choose from, in terms of programmes, courses and specializations. In order to cater to the requirements of students from diverse disciplines for building competencies in domain areas as well as in life skills, and play a vital role in the fulfillment of their dreams and aspirations, the university has established a dedicated centre, namely, Corporate and Industry Relations (CIR) at its headquarters in Coimbatore, with branches in the other four campuses.
CIR has been organising Learning and Development sessions in the three major areas of Life Skills training - Quantitative Aptitude, Verbal and Communication Skills and Soft Skills.
Amrita Institutions encourage the students to be healthy in body and mind.

**SPORTS**

Facilities

(i) **Swimming Pool**: Amrita Swimming Pool is of Olympic Standard with 50m X 25m in Size and contains 2.4 million litres of water and a Toddlers Pool to accommodate babies and for the professionals to have Warm-Up. The pool has state-of-art machinery that can purify 2.4 million litres of water within six hours.

(ii) **Synthetic Tennis Court**

(iii) **Arogya Sadanam (New Gymnasium)**: 3000 sq.ft.
Mata Amritanandamayi Math

The Mata Amritanandamayi Math (MAM) is a registered Public Charitable Trust dedicated to serving humanity without distinction of nationality, caste, race or religion.

UN Recognitions for MAM
The Economic and Social Council (ECOSOC) of the United Nations (UN) has given the distinguished award of Special UN consultative status to Mata Amritanandamayi Math in 2005. Subsequently in 2008, the UN Department of Public Information (DPI) has awarded associate status to the Mata Amritanandamayi Math to help its work of disseminating information and research into humanitarian issues. Along with its international charitable arm, Embracing the World (ETW) charities, the math has engaged in disaster relief activities and rehabilitation to the tune of US $ 60 million in India, USA, Japan, Sri Lanka, Haiti, Kenya etc since 2004. Since 1998, US $ 70 million has also been provided in healthcare charity.
The campus is located at Ettimadai, a growing south-western suburb of Coimbatore in the state of Tamil Nadu, India. With a breathtaking view of the Western Ghats looming over the majestic Elephant peak, the place is quite unlike a picture that any school would normally paint. It comes under Coimbatore Corporation and sandwiched on NH47 between Coimbatore City and Palakkad, Kerala. It is easily accessible by road, rail and air.

**By Road**

Ettimadai is 21 km from Coimbatore city and 34 km from Palakkad. By bus one can reach Ettimadai Pirivu (junction) which is on Palakkad Road, 17 km of Coimbatore. From the junction the distance to the University is 2 km.

- **From Coimbatore to Ettimadai**
  - Bus No. 96, A3

- **From Ukkadam to Ettimadai**
  - Bus No. S2, 3G, 48

**By Train**

Ettimadai has a railway station located strategically in front of the main entrance of the campus. All passenger trains running between Coimbatore junction and Palakkad would stop here.

**By Air**

Coimbatore International airport is 36.5 km away from the campus and it takes one hour to reach.