AMRITA UNIVERSITY
Established u/s 3 of the UGC Act 1956
A multi campus university accredited by NAAC with ‘A’ grade

ADMISSION PROSPECTUS—2014

Bachelor of Business Management
Bachelor of Commerce
Bachelor of Computer Applications
5 year Integrated M.Sc. Mathematics / Physics
5 year Integrated M.Sc. Chemistry
5 year Integrated MA English

Amritapuri Campus, Clappana P.O.,
Kollam—690525.
Phone: +476 280 9400 / 9402
Email: admissions@am.amrita.edu
Web: am.amrita.edu
Candidates and their parents are advised to read and thoroughly understand the instructions given in this prospectus before filling the online application.

1. **About Entrance Examination**

Amrita Vishwa Vidyapeetham conducts entrance examination every year to admit eligible candidates to BBM, B.Com, BCA, 5 year Integrated M.Sc. (Mathematics & Physics), 5 year Integrated M.Sc. chemistry and 5 year Integrated M.A English (Language & Literature) programmes offered at Amritapuri Campus.

2. **Eligibility**

   **Bachelor of Business Management (BBM)/ Bachelor of Commerce (B.Com):** A pass in 12th standard or equivalent from any State Board or CBSE or equivalent, scoring an aggregate minimum of 50% marks. Selection based on the rank scored in the entrance examination.

   **Bachelor of Computer Applications (BCA):** A pass in 12th standard or equivalent from any State Board or CBSE or equivalent, scoring an aggregate minimum of 50% marks. Selection for BCA is based on the rank scored in the entrance examination and a subsequent interview. BCA examination is held only at Amritapuri campus. Please visit website for updated information.

   **5 year Integrated M.Sc. Mathematics / Physics / 5 year Integrated M.Sc. Chemistry:** A pass in 12th standard or equivalent with Physics, Chemistry & Mathematics scoring an aggregate minimum of 50% marks. Candidate has the option to exit from the programme after 3 years with B.Sc. Physics. Candidate has the option to exit from the programme after 3 years with B.Sc. Chemistry. Selection is based on the rank scored in the entrance examination for each programme.

   **5 year Integrated M.A. English:** A pass in 12th standard or equivalent scoring an aggregate minimum of 50% and minimum of 60% in English. Candidate has the option to exit from the programme after 3 years with B.A English. Selection is based on the rank scored in the entrance examination.

**Important note:** Candidates should have successfully completed their 12th standard in 2013 in first attempt or awaiting for the results in 2104. Those candidates who have completed their 12th standard in 2013 or before and has undergone their first year in another college are eligible only after a personal interview.

3. **Duration, Number of Seats**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Duration</th>
<th>Number of Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBM, B.Com, BCA</td>
<td>3 years</td>
<td>60</td>
</tr>
<tr>
<td>5 Year Integrated M.Sc. Mathematics / Physics</td>
<td>5 years</td>
<td>30 seats</td>
</tr>
<tr>
<td>5 year Integrated M.Sc. Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 year Integrated M.A English</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **Guidelines to fill the online Application**

Candidates seeking admission to any programme offered at Amrita University, Amritapuri campus have to apply online only.

Visit [http://am.amrita.edu](http://am.amrita.edu) and follow the instructions and guidelines available in the site.

<table>
<thead>
<tr>
<th>City name</th>
<th>City code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thiruvananthapuram</td>
<td>10</td>
</tr>
<tr>
<td>Amritapuri</td>
<td>11</td>
</tr>
<tr>
<td>Ernakulam</td>
<td>12</td>
</tr>
<tr>
<td>Thrissur</td>
<td>13</td>
</tr>
<tr>
<td>Kozhikkode</td>
<td>14</td>
</tr>
</tbody>
</table>
5. **Grounds on which an application form may get rejected**
   a. Incomplete / improperly filled application
   b. Failure to enclose the demand draft for the required amount
   c. Late receipt of the application form
   d. Application received in torn or mutilated condition
   e. Photograph not pasted/not attested/defaced
   f. Application form not signed by the candidate.

6. **Application Number:**
   Application number is generated for each successful submission of an application. Candidates can view the application form number in the “Dashboard” if the payment is done online. In case of “Semi-online” applicants, the application number is assigned from Admission Office after receiving the filled in application at the university admission office.

7. **Hall Ticket**
   **Downloading the Hall Tickets**
   a. Login to the Amrita Online Admissions Portal after April 15th
   b. Go to “Notifications” panel and download the hall ticket.
   c. The photograph in the Hall Ticket must be attested by the Head of the institution where the candidate last studied or presently studying, or by a Gazetted officer.

8. **Scheme of Examination**
   Exam duration: 2 Hrs (10.00 A.M to 12.00 Noon for all programmes except BCA), for BCA, 10:00 AM to 12:30 PM.
   
   a. BBM / B.Com – 120 questions
      i. General English – 50
      ii. General Aptitude – 50
      iii. Indian Culture – 20
   
   b. BCA – 120 questions
      i. General English 50
      ii. General Aptitude – 50
      iii. Basic Mathematics – 30
      iv. Indian Culture – 20
   
   c. 5 year Integrated M.Sc. Mathematics / Physics – 120 questions:
      i. Mathematics – 40
      ii. Physics – 35
      iii. Chemistry – 25
      iv. Indian Culture – 20
   
   d. 5 year Integrated M.Sc. Chemistry – 120 questions
      i. Mathematics – 25
      ii. Physics – 25
      iii. Chemistry – 50
      iv. Indian Culture – 20
   
   e. 5 year Integrated M.A English - 83 questions
      i. Grammar and Usage - 60
ii. Questions testing literary sensibility / writing skill – 3
iii. Indian Culture – 20

*Important*: General English & General Aptitude Questions are common for BBM, B.Com & BCA. Candidates who attempt BCA examination are eligible to choose BBM / B.Com at the time of counseling.

9. Syllabus for entrance examination
   a. **BBM / B.Com**: General English, General Aptitude
   b. **BCA**: General English, General Aptitude, Basic Mathematics
   c. **5 year Integrated M.Sc. Mathematics / Physics**
   d. **5 year Integrated M.Sc. Chemistry**
      Atomic Structure and Chemical Bonding, Nuclear Chemistry, States of matter, Energetics, Chemical Equilibrium, Chemical Kinetics, Electrochemistry, Solutions, Surface Chemistry, Hydrogen, p Block elements, p Block elements, Transition elements, Metallurgy, Coordination compounds, Hydrocarbons, Organic Compounds with functional groups containing oxygen, Organic compounds with functional groups containing nitrogen, Organic compounds with functional groups containing halogen, Stereochemistry, Organic reaction mechanisms, Chemistry in everyday life.
   e. **5 year Integrated M.A. English**
      Grammar and usage; Questions testing literary sensibility / writing skills

10. Sample questions

**BBM / B.Com / BCA**

**GENERAL ENGLISH**

In each question below a CAPITALISED word is followed by words. Choose the word that is most nearly OPPOSITE to the given capitalised word.

1. WHOLESOME
   a) Fulsome
   b) Harmful
   c) Healthy
   d) Delectable

2. DISCLOSE
   a) Reveal
   b) Release
   c) Conceal
   d) Secretive

3. INSTANT
   a) Urgent
   b) Sluggish
   c) Expediency
   d) Hurried

4. CANARD
   a) Rumour
   b) Novel
   c) Ploy
   d) Original

5. Pristine
   a) Immaculate
   b) Original
   c) Messy
   d) Faulty

**GENERAL APTITUDE**
1. If \(4-\{2.8-\{3.5-(1-X)\}\}=5\), Then value of \(X\) is
   a) 2.3  b) 1.5  c) 1.3  d) 2.5
2. The number of solutions of equations \(x + y - z = 0, 3x - y - z = 0\) and \(x - 3y + z = 0\) is
   a) 0  b) 1  c) 2  d) infinite
3. If \(x*y*z = (x^2+y^2)^2\), then value of \(4*3*2\) is
   a) 650  b) 675  c) 550  d) 625
4. A monkey starts climbing up a tree 20ft. tall. Each hour, it hops 3ft. and slips back 2ft. How much time would it take the monkey to reach the top?
   a) 18 hours  b) 20 hours  c) 15 hours  d) 12 hours
5. What is the missing number in this series? 8 2 14 6 11? 14 6 18 12
   a) 7  b) 8  c) 9  d) 4

5 Year Integrated M.Sc. Mathematics / Physics
5 year Integrated M.Sc. Chemistry
BCA (only Mathematics)

PHYSICS
1. In SI the universal gravitational constant \(G\) has a value \(6.6 \times 10^{-11}\). In CGS(centimeter-gram-second) units what is its numerical value?
   a) \(6.6 \times 10^{-8}\)  b) \(6.6 \times 10^{-11}\)  c) \(6.6 \times 10^{-14}\)  d) \(3.3 \times 10^{-8}\)
2. In the determination of co-efficient of viscosity by capillary flow method, an error of 1% occurred in the determination of radius of the capillary tube. Due to this, the error occurring in the determination of co-efficient of viscosity is approximately
   a) 1%  b) 2%  c) 4%  d) 8%
3. The speed of a boat is often given in knots. If a speed of 5 knots were expressed in the SI system of units, the units would be:
   a) m  b) s  c) m/s  d) kg/s
4. A bird, accelerating from rest at a constant rate, experiences a displacement of 28m in 11 s. What is the average velocity?
   a) 1.7 m/s  b) 2.5 m/s  c) 3.4 m/s  d) 4.2 m/s

CHEMISTRY
1. Which of the following is paramagnetic
   (a) \(Cu^{2+}\)  (b) \(Zn^{2+}\)  (c) \(Ti^{4+}\)  (d) \(Co^{3+}\)
2. The hybridization of \(F_2O\) molecule is
   (a) SP  (b) SP\(^3\)  (c) dsp\(^2\)  (d) sp\(^3\)d
3. The molecule \(AlCl_3\) dimerises and exists as \(Al_2Cl_6\) because of the
   a) low electron affinity of \(Al\)  b) smaller radius of \(Cl\)
   c) presence of incomplete p orbital on \(Al\) atom  d) instability of \(AlCl_3\)
4. Radioactive alkali metal emits one \(\alpha\) particle and two \(\beta\) particles to produce
   a) nitrogen  b) alkali metal  c) oxygen  d) noble gas

MATHEMATICS
1. The probability that two friends share the same birth month is
   a) \(1/6\)  b) \(1/12\)  c) \(1/44\)  d) \(1/24\)
2. A box contains 10 screws, 3 of which are defective. Two screws are drawn at random with replacement. The probability that none of the two screws is defective will be
(a) 100 %    (b) 50 %    (c) 49 %    (d) none of these

3. In an AP mth term is $1/n$ and nth term is $1/m$. Then the mn$^{th}$ term will be
a) $1/mn$    b) $1/m+1/n$    c) 0    d) 1

4. If the sum of first n natural numbers is 1/5 times the sum of their squares. Then the value of n is
a) 5    b) 6    c) 7    d) 8

11. Question Booklet
The question paper is in the form of a sealed booklet. Question booklets are distributed in 4 versions as A, B, C & D. The version code of the question booklet and the number of pages are printed on the first page of the question booklet. The questions are of multiple choice types. The Question Booklet has 100 / 60 questions printed in English. Answers shall be marked on OMR Sheet.

Warning: Any attempt to commit malpractice in any form in the examination hall will disqualify the candidate.

Following details are given in the first page of the booklet (last 3 to be filled by the candidate):

For BBM / B.Com

<table>
<thead>
<tr>
<th>ENGLISH &amp; GENERAL APTITUDE, INDIAN CULTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Code</td>
</tr>
<tr>
<td>Registration Number</td>
</tr>
<tr>
<td>Name of the candidate</td>
</tr>
<tr>
<td>Signature of the Candidate</td>
</tr>
</tbody>
</table>

For 5 year Integrated M.Sc. (Mathematics / Physics), 5 year Integrated M.Sc. Chemistry

<table>
<thead>
<tr>
<th>MATHEMATICS, PHYSICS &amp; CHEMISTRY, INDIAN CULTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Code</td>
</tr>
<tr>
<td>Registration Number</td>
</tr>
<tr>
<td>Name of the candidate</td>
</tr>
<tr>
<td>Signature of the Candidate</td>
</tr>
</tbody>
</table>

For 5 year Integrated M.A English

<table>
<thead>
<tr>
<th>GRAMMAR &amp; USAGE; LITERARY SENSIBILITY &amp; WRITING SKILLS, INDIAN CULTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Code</td>
</tr>
<tr>
<td>Registration Number</td>
</tr>
<tr>
<td>Name of the candidate</td>
</tr>
<tr>
<td>Signature of the Candidate</td>
</tr>
</tbody>
</table>

For BCA

<table>
<thead>
<tr>
<th>ENGLISH, GENERAL APTITUDE &amp; BASIC MATHEMATICS, INDIAN CULTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Code</td>
</tr>
<tr>
<td>Registration Number</td>
</tr>
<tr>
<td>Name of the candidate</td>
</tr>
<tr>
<td>Signature of the Candidate</td>
</tr>
</tbody>
</table>
Two minutes before the commencement of the examination, the invigilator will announce to open the sealed question booklet. Do not open / break the seal before the announcement. Immediately after opening the question booklet, the candidate shall check the following:

a) Whether the question booklet and all the pages are in good condition.
b) Whether it has the exact number of pages mentioned on the facing sheet.
c) Whether the questions are numbered in serial order.

12. Answering Entrance Examination:
Before answering, write the personal details and darken the corresponding bubbles using HB pencil in the OMR sheet supplied, as per the instructions below. Answer sheets without these details will not be valued. Sample OMR Sheet:
**Hall Ticket Number:** Write the Hall Ticket number within the rectangular box provided in the OMR Answer Sheet and darken the corresponding bubbles. The registration number should be written without any corrections or overwriting.

**Question booklet number:** This number is printed on the first page of the question booklet. Write this number in the rectangular box in the OMR Answer Sheet and darken the appropriate bubbles.

**Question booklet version code:** Each Question booklet has version code A, B, C or D. Write this code in the rectangular box and darken the appropriate bubble.

**Signature of the candidate:** The candidate has to sign in the space indicated in the first page of the question booklet.

**Name of the candidate:** Write the name as given in the hall ticket in CAPITAL letters correctly and legibly. Answers shall be marked on OMR sheets, supplied to the candidates in the examination hall. Candidates are advised to use HB Pencil for answering. Candidate must ensure that no visible mark is left after erasing the wrong answer. Ball point pens may also be used. Candidates shall indicate the answer by darkening the appropriate circle completely in the answer sheet. Candidate should not indicate the answer in any other way (tick mark, cross, dot line etc. are not accepted as correct answers). More than one answer indicated against one question is deemed as incorrect response, and one mark is reduced. In case of any change needed for an answer erase the existing pencil mark completely, and then darken the appropriate circle with pencil. One mark is reduced for each wrong answer. Rough work shall be done only in the Question Booklet, not in the OMR Sheet.

As the evaluation of OMR Sheet is computerized, requests for re-checking / re-totaling / re-evaluation of answer scripts are not entertained.

12. **Conduct of examination**

- Candidate shall produce the hall ticket for attending the examination.
- Candidates shall enter the examination hall 15 minutes before the commencement of the examination.
- Candidates are not allowed to enter the examination hall 15 minutes after the commencement of the examination and are not permitted to leave the examination hall till the scheduled end of the examination.
- Candidates shall hand over the answer sheet and the Question Paper booklet to the Invigilator before leaving the examination hall. If not returned, the answer sheet will not be evaluated.
- Candidates must bring pen, HB pencil, sharpener and eraser.
- Candidates are not allowed to bring any books, blank sheets, notes, mobile phone, paging device, slide rules, mathematical & physical tables, calculator, laptop or any other electronic gadgets to the examination hall.
- Candidates are not allowed to have any conversation or gesticulation or create any disturbance in the exam hall. Such acts of behavior could lead to the candidate being debarred and will be sent out of the examination hall.
- During the examination, the invigilator will check the Hall Tickets to satisfy the identity of the candidate and in his/her presence, candidate must sign in:
  - the attendance card (Office copy of the Hall Ticket)
  - the room-wise attendance sheet
  - Question Booklet &OMR Sheet
- Candidates must make their own arrangements of stay for the purpose of entrance examination.
13. Declaration of results:
Applicants can visit our web site http://am.amrita.edu to see the results. The candidates can access the same by using their Hall Ticket number and date of birth.

14. Admission Policies & Procedures:
VERY IMPORTANT: Management of Amrita Vishwa Vidyapeetham reserves the right to change any of the conditions enumerated herein for the purpose of complying with any of the regulations of the University Grants Commission or any other competent authorities. Admission is expected to commence within ten days from the date of publication of results.

1. Candidates may please note that entrance examination is common for both BBM, BCA & B.Com programmes. Choice of programme can be done at the time of admission counseling according to the rank and based on the availability of seats.

2. Candidates are called for admission on the basis of rank scored in the entrance examination. Admission dates and list of documents to be submitted at the time of admission will be published in our website (http://am.amrita.edu). Candidates desirous of taking admission shall report at Admission Office on the date/time and place as mentioned in the website.

3. Details of fee to be paid, date of payment, last date etc. will also be mentioned in the website.

4. While reporting, the candidate should be accompanied at least by one of the parents and shall surrender the documents in original as mentioned below, failing which the admission will stand cancelled.
   i. Counseling call letter
   ii. Amrita Entrance Examination – 2014 Hall Ticket
   iii. 12th standard or equivalent mark list and pass certificate
   iv. 10th standard mark list and pass certificate
   v. Conduct Certificate from the institution last attended
   vi. Transfer Certificate from the institution last attended
   vii. Medical or Physical Fitness Certificate from the officer not below the rank of a Civil Surgeon or a Clinical Associate Professor of a Medical College.
   viii. Community Certificate in case of SC / ST students
   ix. Demand draft for the amount mentioned in the website / counseling call letter

5. All admissions are subject to verification of the original certificates and documents produced by the candidates.

6. The decision of the Chairman-Admissions regarding the eligibility of any applicant shall be final.

7. Admitted candidates are required to pay the tuition and other fee at the time of admission by way of demand draft.

8. From second semester onwards, fee is to be paid on semester basis. Dates will be notified on the university notice boards. Those who stay in university hostels shall pay their hostel and mess fee on yearly basis.

16. Grounds on which an admission may get rejected:
In any case, if a candidate who has secured rank in the entrance examination but has failed to score the minimum marks required for admission to any programme, as per the eligibility criteria, the admission will get rejected.

17. Cancellation of admission and refund of fees
a) For candidates who have joined the programme but opt to discontinue before commencement of classes, fee collected is refunded after deducting Rs.1000/- towards the administrative expenses.

b) For candidates opting to discontinue the study within a period of two weeks of commencement of classes, 80% of tuition fee is refunded, while 20% is retained as administrative charges.

c) Admissions will be closed two weeks after the commencement of classes. Students who withdraw after the closing date of admissions are not eligible for any refund of money paid as tuition fees.

Admission Prospectus 2014
18. Discipline – dress code, uniform, etc
1. Students staying more than 30 kms away from the campus are required to stay in the university hostel.
2. Food served in the hostels is 100% vegetarian.
3. Dress code is mandatory for all the students, as prescribed by the university.
4. Students shall strictly abide the rules and regulations, given to them at the time of joining and in the beginning of each academic year.
5. Failure to observe discipline will attract appropriate disciplinary action.

19. Anti-ragging rules & regulations
The Supreme Court of India, UGC, Governments of Kerala and other states have recommended very stringent measures to prevent Ragging in Educational Institutions.
According to these recommendations, any student found to be guilty of involvement in any act of Ragging will be summarily dismissed from the Institution with a remark in his Transfer Certificate to that effect. Wherever necessary, the matter may also be referred to the Police.
Ragging includes tormenting others by words or deed, playing rough jokes on other, engaging in rough play, physical assault or threat, use of physical force, verbal abuse and aggression, exhibiting indecent gestures and obscene behavior, exposing fellow students and others to ridicule and contempt, violating the status, dignity, and honor of fellow students and others, violating the privacy and rights of others, and hassling or exhibiting riotous behavior. In the light of the above, as per recommendations of the Supreme Court, an annual joint declaration by the parent and the student is mandatory for the student to be enrolled for the classes.

20. Settlement of disputes
In case of any dispute in the interpretation of any of the conditions included in this booklet relating to admission to the above programmes, decision of the Admission Committee will be final and binding.

21. Jurisdiction
Courts situated in Kollam, Kerala only have the jurisdiction over disputes if any arising on the matter of applications and or admission to the course covered under this prospectus.
22. Fee structure

### College Fees

<table>
<thead>
<tr>
<th>Semester</th>
<th>Yearly</th>
<th>One time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition Fee</td>
<td>University Fee</td>
<td>Establishment Fee</td>
<td>Special Fee</td>
</tr>
<tr>
<td>12000</td>
<td>6000</td>
<td>7000</td>
<td>6000</td>
</tr>
</tbody>
</table>

**Hostel & Mess**

<table>
<thead>
<tr>
<th>Yearly</th>
<th>One time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent</td>
<td>Establishment Fee</td>
<td>Mess Fee</td>
</tr>
<tr>
<td>12000</td>
<td>8000</td>
<td>33000</td>
</tr>
</tbody>
</table>

*Admission Prospectus 2014*
IMPORTANT DATES

Submission of online application starts on: March 12th

Last date of submission: May 15th

Entrance Examination: Sunday, May 25th 10:00 AM to 12:00 Noon

Publication of rank list: June 2nd

Option Submission: June 3rd to 5th

Payment of partial amount of fees: June 18th

Payment of balance fee, hostel fee and submission of all the documents: June 30th

Commence of classes: mid-July