| Application No: | App | lication | No: |
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ACNS

AMRITA CENTRE FOR NANOSCIENCES & MOLECULAR MEDICINE

AIMS Ponekkara (P.O.), Kochi - 682 041, Kerala, India

Application for Admission to M.Tech / Ph.D / INTEGRATED PROGRAMMES - 2016

| | (All entrie | es to be | made i | n BLO | CK LETT | ERS – | enclos | e only | copie | es of (| certifi | cates |) | | | | |
|--|--------------|----------|----------|-----------|-----------------|--------|--------|--------|--------|--|--|--------|----------|-------|-------|--|--|
| Please check or | your pref | erence | <u> </u> | | | | | | | | | | | | | | |
| M.Tech | | | M.Ted | ch - Int | tegrated | d Ph.I |) | Pl | n.D | | | | | | | | |
| Nano Medical | Sciences | | Mole | cular I | Medicin | е | | Na | anote | echn | olog | y & I | Renewa | ble E | nergy | | |
| Name of the candidate in CAPITAL letters as given in SSLC or equivalent certificate (leave blank space between name and initials) | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Gender: (Male/Female) : Blood Group : Date of Birth: (DD/MM/YYYY) : Native Place : passport siz closeup or photograph sate of by the Cance taken after 1: Religion : Caste : Date: Description of the same duly attested by a Notary Public should be attached) *Community : Marital Status : *(If the certificate is in vernacular, an English version of the same duly attested by a Notary Public should be attached) | | | | | | | | | | ort size eup col ph self a e Candia fter 1-1 Do not r staple | face or attested date -2014 pin | | | | | | |
| Previous Degre | e: | | | | Specialization: | | | | | | | | | | | | |
| Circle One/Specify: B.Tech / M.Tech / Msc. / B.Pharm / M.Pharm / MBBS / BDS / BAMS / BHMS or applicable Masters Disciplines in Life Sciences Semester Marks/GPA in Previous Degree: | | | | | | | | | | | | | | | | | |
| Semester/Year# | I | | II | | III | I۱ | / | , | V | | VI | | VII | | VIII | | |
| Scored | | | | | | | | | | | | | | | | | |
| Maximum | | | | | | | | | | | | | | | | | |
| Percentage | | | | | | | | | | | | | | | | | |
| Total Marks (or Cu | | , | | | | | | | | | | | | | | | |
| # - I f annual patte | ern is follo | wed, ι | use only | y first f | our colu | mns a | bove | to ent | er the | e tota | al ma | rks ir | n each y | ear. | | | |

If semester pattern is followed with a credit-based system, enter each semester's GPA in appropriate columns.

If semester pattern is followed with a marks-based system, enter total semester marks in appropriate columns.

| 3. | Class obtained : University : College : | | | | | | | | | | | | |
|----|---|--|----------------------|-------------|----------------------|----------------|--------|--|--|--|--|--|--|
| 4. | GATE pe | ercentile (if applicable): | Yea | r : | | | | | | | | | |
| 5. | Subjects | passed in more than one | attempt: (Attach add | itional she | eets if required) | | | | | | | | |
| | S.No. | Title of the subject | No. of Attempts | S.No. | Title of the subject | No. of At | tempts | | | | | | |
| | | | | | | | | | | | | | |
| 6. | Professio | nal Experience. | | · | | | | | | | | | |
| | S.No. | Period From To | Designation | | Nature of work | k Organization | | | | | | | |
| | | | | | | | | | | | | | |
| | (A sponso submitted | sponsoring organization, ir rship certificate is to be in the format enclosed) | | | | | | | | | | | |
| 8. | (a) Addres | s for communication: | | | | | | | | | | | |
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| | District | | | | | | | | | | | | |
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| 8. | (b) Permar | nent Address : | | | | | | | | | | | |
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| | P.O | | | | Taluk | | | | | | | | |
| | District | State | э | | Pincode | | | | | | | | |
| | Phone No | o with STD Code | | | Email : | | | | | | | | |
| | Mobile : | | | | | | | | | | | | |
| 9. | Father's n | ame : | | | | | | | | | | | |
| | Age: | | Date of | Birth: | | | | | | | | | |
| | Occupatio | n: | Annual i | income: F | Rs | | | | | | | | |
| | Office Add | lress: | | | | | | | | | | | |
| | P.O | | | | Taluk | | | | | | | | |
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| | Phone No | o with STD Code | | | Email : | | | | | | | | |
| | Mobile : | | | | | | | | | | | | |

| 10. N | Nother's name : | | | | | | | |
|--|--|--|---------------------|------------|---------|---------|--------|---------|
| Α | ge: | Date of Birth: | | | | | | |
| С | ccupation: | . Annual income: Rs | | | | | | |
| С | ffice Address: | | | | | | | |
| Р | O | | . Taluk | | | | | |
| D | istrict State | | . Pincode | | | | | |
| | hone No with STD Code | | | | | | | |
| M | lobile : | | | | | | | |
| | lame and address of local guardian:if applicable) | | | | | | | |
| P | hone No with STD Code | | | | | | | |
| R | elationship with the student: | | | | | | | |
| 12. F | How did you come to know about AMRITA? | | | | | | | |
| 13.H | ow did you hear about Amrita M.Tech/ Ph.D./ anotechnology & Renewable energy? | Integrated Program in Na | nomedical Sc | iences/ | /Mole | cula | r Med | dicine/ |
| | Email Family/Friend Newspaper Advt. Newspaper Article | Internet Article Event/Festival; Specif | Internet So | earch | | Иaga | zine | Advt. |
| | /ebsite: ☐ Amrita Institute of Medical Science lolecular Medicine ☐ Amrita Univers | es & Research Centre ity Others; Specify | Amrita Ce | entre fo | or Na | nosci | ience | es & |
| | rite a short one page essay on your academ audies (attach one sheet). | ic & career plan including | why you are c | hoosin | g Am | rita f | or hiç | gher |
| | you checked the box for M.Tech-Ph.D or Ph. attach one sheet). | D, please write about 200 | words on you | r resea | ırch ir | ntere | sts | |
| | st of documents to be enclosed lease do not send originals. Send only the attested copi | es. Please tick off the items in the | e following list yo | u are atta | aching | to this | s form | .) |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. | Pre-degree/ or Plus two Certificate Degree/Provisional Certificate Mark Sheet for all the Semester/Years GATE Score card Transfer Certificate and Conduct Certificate from Community Certificate for all other than OC The Hall ticket for Entrance Exam duly filled | m the Institute last attended. | | | | | | |

10. Any incoming fellowship support documentation

| 17. | DECLARATION |
|-----|------------------------------------|
| | I, |
| | Place: Signature of the Applicant: |
| | Date: |
| 18. | DECLARATION BY PARENT/GUARDIAN |
| | I, |
| | Place: Parent/Guardian |
| | Date: Name: |

SPONSORSHIP CERTIFICATE

(To be issued by the Head of the Institution)

| This is to certify that | has been working as |
|--|---|
| | in the Department of of this |
| Institution/Organization since | |
| Program in Nanomedical Sciences/Mole | cular Medicine/Nanotechnology & Renewable energy degree course (full time) at Amrita Centre |
| for Nanosciences and Molecular Medicir | ıe, Amrita Vishwa Vidyapeetham, Kochi, Kerala. |
| It is certified that he/she will not be with | idrawn from the programme in the middle of the studies. |
| Date: | Signature : |
| Place: | Name : |
| | Designation : |

Seal (Head of Instituion)



AMRITA CENTRE FOR NANOSCIENCES & MOLECULAR MEDICINE

Application No:

ENTRANCE EXAMINATION - 2016

HALL TICKET FOR M.TECH. /PH.D/ INTEGRATED PROGRAMMES ENTRANCE EXAMINATION – 2016

| Name of | Applicant | (to be f | illed by | the appl | icant) | N BLOCK | < LETTEI | RS | | | | | 1 / | | | |
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| District / Sta Tele 1 | | | | | | | | | | + | | | | | | |
| Mobile N | No | | | | | | | | | Р | ΙN | | | | | |
| Date: 2 | 22-May Time: 1 | -2016 0.00 A | (Sunda | ay) 12.00 | P.M | | | am Ce Tick (| K | Cochi | | Thir | uvan | anthapur | am CI | nennai |

Signature of Coordinator-PG/Ph.D admissions Signature verified

Signature of the Candidate (to be signed while applying)

Signature of the Candidate (to be signed in the exam hall)

Signature of the Invigilator

Note: Candidates are required to be present in the Exam Hall, at least 15 Minutes before commencement of the exam.



AMRITA CENTRE FOR NANOSCIENCES & MOLECULAR MEDICINE

ENTRANCE EXAMINATION - 2016

Application No:

HALL TICKET FOR M.TECH. /PH.D/ INTEGRATED PROGRAMMES

| Address | S | | | | | | | | | | | | | | | |
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| Mobile | No | | | | | | | | | | РΙ | Ν | | | | |

Signature of the Candidate (to be signed while applying)

Co-ordinator PG/PhD admissions

Syllabus for Entrance Examination of M.Tech/ Ph.D/ Integrated Program in Nanomedical Sciences / Molecular Medicine 2016

Questions in all the parts below will be at the Bachelor's level.

Part – A: Mathematics

Basic Calculus - Algebra - Geometry - Statistics

Part - B: Physics

Basic mechanics and laws of motion, electrical and magnetic properties

Part – C : Chemistry

Periodic table, elementary bonding theory, basic inorganic and organic chemistry

Part D: Medical Sciences / Life Sciences

Common infectious diseases, bacteriology, virology, cancers, various diseases of the cardiovascular system, nervous system, pulmonary system, digestive system, Anatomy, physiology, cell biology, molecular biology, microbiology, industrial biotechnology, biochemistry, genetics, pharmacology, genetic engineering, bioinformatics, recombinant DNA technology, virology, immunology

Part E : Engineering

Mechanical Engg, Chemical Engg., Materials Engg.

Syllabus for Entrance Examination of M.Tech/ Ph.D/ Integrated Program in Nanotechnology and Renewable energy – 2016

Questions in all the parts below will be at the Bachelor's level

Part - A: Mathematics

Basic Calculus - Algebra - Geometry - Statistics

Part – B : Physics

Basic mechanics and laws of motion, electrical and magnetic properties

Part – B : Chemistry

Periodic table, elementary bonding theory, basic inorganic and organic chemistry

Part – D : Electronics / Devices

Semiconductors and Junction diode, junction transistors and Digital electronics

Part E: Engineering

Mechanical Engg, Chemical Engg., Materials Engg.

PLEASE FILL UP YOUR COMMUNICATION ADDRESS IN CAPITAL LETTERS AND RETURN IT ALONG WITH COMPLETED APPLICATION

Application No:

| | ACNS |
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| Name : | Name : |
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