

	Academy of Maritime Education and Training (AMET) (A Deemed to be University) 135 East Coast Road, Kanathur, Chennai-603112, Tamil Nadu, India. Web: www.ametuniv.ac.in Email: office@ametuniv.ac.in Phone: +91-44-27444625	ACM MINUTES
		AY 2023 -24

MINUTES OF THE ACADEMIC COUNCIL MEETING
(SECOND MEETING FOR THE YEAR 2023-24)

Date: 22-07-2023

Time: 10:00 am to 04:00 pm

Venue: SriJanakiraman Auditorium, AMET, Chennai.

MEMBERS PRESENT

Prof. Dr. V. Rajendran, Vice-Chancellor (in the chair)

1. Dr.M.Jayaprakashvel, Registrar i/c
2. Dr.V. Sangeetha Albin, Additional Registrar, Maritime Professor, Maritime Programmes.
3. Dr.R.Muthezhilan, Controller of Examination
4. Capt. Gopal Srinivas, Principal, DGS Courses
5. Dr.S.Priya, Dean-Academics
6. Dr.A.Rajesh Kanna, Dean-Administration (i/c)
7. Prof.Dr.T.Sasilatha, Dean-International Relations
8. Dr.N.R.Ramkumar, Dean-Student Welfare
9. Dr.Sandeeep Kumar Gupta, Dean-Staff Welfare
10. Dr.S.Bharathiraja, Dean, Faculty of Engineering and Technology
11. Dr.N.Duraimutharasan, Dean, Faculty of Advanced Computing Sciences
12. Dr.Anita R Warriar, Dean(i/c), Faculty of Sciences and Humanities & Head- Physics
13. Mr.M.Sathishkumar, Head- Marine Engineering
14. Capt.P.Rajendran, Head-Nautical Science
15. Prof.S.K.Bhattacharya, Head-Naval Architecture and Offshore Engineering
16. Dr.R.Balaji, Director-AMET Business School
17. Dr.C.M.Ramakritinan, Head-Marine Biotechnology
18. Dr.A.Rajesh Kanna, Head-Petroleum Engineering
19. Dr.V.Sridevi, Head-Electrical and Electronics Engineering
20. Mr.R.Theertham, Head-ADNS
21. Dr.John Wyson, Head-Food Processing Technology
22. Mr.Antony Gomez, Head- Pre-Sea Modular Courses
23. Dr.N.Duraimutharasan, Head- Advanced computer sciences
24. Dr.R.Rameshkumar, Head-CSE
25. Dr.N.Sivakumar, Head in-charge, Chemistry
26. Dr.P.Balamurugan, Head- Mathematics
27. Dr.M.Subha, Head-English
28. Dr.K.Sekar, Head-Librarian

29. Dr.R.Sathish, Associate Professor- Head
30. Dr.J.Rengamani, AMET Business School
31. Dr.D.Arivazhagan, AMET Business School
32. Dr.A.Shameem, AMET Business School
33. Dr.S. Poongavanam, AMET Business School
34. Dr.Rajalakshmi, Director, Sponsored Research
35. Dr.D.Lakshmi, EEE
36. Dr.A.Suresh, Marine Engineering
37. Dr.R.Rajavel, Marine Engineering
38. Dr.D.Madhesh, Mechanical Engineering
39. Capt.R.K.Kumar, Nautical Science
40. Dr.I.Paulraj Jayasimman, Mathematics
41. Mrs.R.Divyaranjani, Associate Professor, Department of Naval Architecture Offshore Engineering
42. Capt.Sartaj Gill, Chief Executive Officer, V.Ships(Online)
43. Capt.Saurabh Mahesh, Head Crew Sourcing & Global Cadet Administration, Maersk Line, Singapore(Online)
44. Capt. Arvind Shankar, Culture & Capability Manager, AP Moller Maersk (Online)
45. Capt.Rohan Sabnis, Manager (Fleet Personnel & Training), Goodwood Ship Management Pte. Ltd. (Online)
46. Mr.J.Shyam Sundar, Director & Chief Operating Officer Flyjac Logistics Pvt.Ltd. (Online)
47. Capt.Dr.Shashank Jahagirdar, Managing Director Synergy Nordic Ship ManagementPvt.Ltd. (Online)
48. Cadet. Janani Shetty, B.Sc Nautical Science – 2nd Year,
49. Cadet. Ashish Khanduja, B.E. Marine Engineering- 1st Year,
50. Ms.Pramiti Roy, B.E. EEEM –IV Year
51. Ms.Anna Job, MBA (SLM) – 1st Year,

MINUTES OF THE MEETING

The Vice-Chancellor welcomed the members of the Academic Council with a welcome note “Governed by the scholarly community, which helps in shaping the academic identity of our AMET University and ensure Academic programmes, Entire Curricula, the inception of new courses and Teaching learning practices” and commenced the proceeding.

1. **Introduction of New Members to the Council: Dr.Arivazhaagan, Coordinator - Internal Quality Assurance Cell** has introduced the New Members of the House. The following newly included members were welcomed by the Council Members.

Category-Deans/Directors/HoDs

1. Capt.Gopal Srinivas, Principal, DGS Courses
2. Dr.A.Rajesh Kanna, Dean Administration
3. Dr.S.Jaisankar, Dean Research and Development
4. Dr.Sandeep Kumar Gupta, Dean Staff Welfare



5. Dr.S.Bharathiraja, Dean, Faculty of Engineering and Technology
6. Dr.Anita R Warriar, Dean (i/c), Faculty of Science and Humanities
7. Dr. R. Balaji, Director, AMET Business School
8. C/E. M.Sathish Kumar, HoD, Department of Marine Engineering
9. Dr.S.K.Bhattacharya HoD, Department of Naval Architecture and Offshore engineering
10. Dr.V.Sridevi, HoD, Department of Electrical and Electronics Engineering
11. Dr.Subha, HoD, Department of English
12. Dr. R. Ramesh Kumar, HoD, Department of Computer Science Engineering
13. Dr.Satheesh, HoD, Department of Maritime Commerce
14. Mr.Antony Gomez, HoD, Department of Pre Sea Modular Courses
15. Dr.N.Sivakumar, HoD, Department of Chemistry
16. Mr.Durga Singh, HoD, Department of Global Maritime Distress and Safety Systems

Category-Associate Professors

1. Capt.R.K.Kumar. Department of Nautical Science
2. Dr.I.PaulrajJayasimman, Department of Mathematics

Special Invitees

1. Capt.Dr.Shashank Jahagirdar, Managing Director Synergy Nordic ship management Pvt Ltd
2. Capt.Arvind Shankar, Culture & Capability Manager, AP Moller Maersk
3. Mr.J.ShyamSundar, Director & Chief Operating Officer Flyjac Logistics Pvt. Ltd.

Category-Students

1. Cadet.Janani Shetty B.Sc Nautical Science - 2nd year
2. Cadet.Ashish Khanduja, B.E. Marine Engineering - 1st year
3. Ms.Pramiti Roy, B.E.EEEM - 3rd year
4. Ms.Anna Job MBA (SLM) - 1st year

2.Vice Chancellor introductory remarks: Hon. Vice Chancellor conveyed his special thanks to all the members of the Academic Council for their august presence.

In his introductory remarks, the Vice Chancellor has emphasized the following aspects

- a) Enlightened about the Best practices of AMET - Admission with appointment order One of the key aspects of the implementation of NEP 2020
- b) Shared about the award received by our Honourable Founder and Chancellor Dr. J. Ramachandran “**MARITIME EXCELLENCE ACHIEVERS AWARD**” at the **Global Maritime India Summit** held on 19.10.2023 in Mumbai, in recognition of his accomplishments, achievements, and contributions to the Maritime Industry and Academia, by the ministry of ports shipping and waterways Government of India.

- c) Highlighted that AMET University was recognized as a **Scientific and Industrial Research Organization (SIRO)** by the Department of Scientific and Industrial Research (DSIR), Government of India for the period 2022-2025.
- d) The Maritime Programmes of the University are accredited by the Directorate General of Shipping, Government of India, Mumbai through the **Comprehensive Inspection Programme (CIP)** carried out by Internationally Accredited Certification Body, **Det Norske Veritas (Norway) – Germanischer Lloyd (Germany) - DNV-GL**. AMET has been accredited with **Grade A1 Outstanding in the CIP for the past SIX consecutive years**.
- e) In this academic year, **11 MoUs** are for academic collaborations like Students and Faculties Exchange Programmes, Dual degrees, semester abroad, and Internships with **Edge Hill University, United Kingdom, James Cook University (Singapore Campus), and INTI International University, Malaysia**. Collaborations with other Universities across the globe, **Business College of Athens and Greek Institute of Education S.A, Greece, University of Portsmouth, United Kingdom, Business College of Athens, Greece, Greek Institute of Maritime Education, Greece, University of Plymouth, UK, Raja Hali Maritime University (UMRAH), Indonesia, University of Saida Dr. Moulay Tahar, Algeria** are carried out in this academic year.
- f) Shared about the inauguration of AMET Knowledge Park and MAERSK Center of Excellence during June 2023 for the first batch of B.Sc Nautical Science, BE Marine Engineering, and Diploma in Nautical Science cadets
- g) Highlighted the Sustainable Development Goals which are a collection of 17 interlinked global goals to transform our world and they were designed to be a “blueprint to achieve a better and more sustainable future for all” and part of the United Nations 2030 Agenda for Sustainable Development. UN SDN works towards a world of peace and prosperity, eradicating major issues such as poverty and hunger, all while protecting the planet. Amid the climate crisis, this has never been more important.
- h) Emphasized about the Importance of implementing prospective components of the National Education Policy 2020 in AMET University
- i) Highlighted about the World Economic Forum: 'Cooperation in a fragmented world' is the focus of Davos 2023 and aims to tackle global issues through collaboration and sustainable solutions.
- j) Stressed about Agile learning design which refers to any approach to content development that focuses on speed, flexibility, and collaboration. The term evolved from the software development industry, in which electronic content development (e.g., e-learning) has similar characteristics to software development.

The Vice-Chancellor stressed the need for the best industry-linked undergraduate and postgraduate programs, Skill-based knowledge transformation, and placement and training to provide

100% placement by skilling, re-skilling, upskilling the inherent talent of the individual students and cadets. The Vice Chancellor highlighted the short-term goals of AMET University such as i) To get an A ++ grade from NAAC ii) NBA accreditation to all eligible departments iii) To get into NIRF within 100 iv) To enhance perception to 40 from existing 1.2 out of 100 point scale v) To achieve the International ranking in Times world, Times impact, QS world, ABET ranking vi) To improve our Student strength to 7500 in 3 years.

The Vice-Chancellor informed that Research at AMET University is broad and encompasses a comprehensive range of activities aimed at innovation, problem-solving, and the advancement of knowledge within the organization. The robust research ecosystem at the University has paved the way for various advancements and improvements in the academic and scientific landscape. He shared about the Introduction of D.SC programs in this academic year and Ph.D. Enrolled – 46, Ph.D. Produced -23; Total Publications – 136 with h-Index of 36, Total Citations - 9648, and Cumulative Impact factor of 1224 in addition to the Highest Impact factor of 14. The number of ongoing Funded Projects is 11 worth Rs.203.40 lakhs. In addition to the credit, the Faculty of the University has published 14 patents, and 13 patents were granted.

The Vice-Chancellor highlighted that AMET is envisioned to offer degree programme through Open and Distance Learning (ODL) and Online (OL) mode for which the Centre for Online and Distance Education (CODE) has been established and through cutting-edge online platforms and innovative teaching methods, CODE will be offering a range of specialized programmes from the academic year 2024 to 25 onwards tailored to meet the unique needs of modern learners. His focus towards creating a strong Alumni network and vibrant chapters on campus to promote alumni activities and their contributions.

The Vice-Chancellor emphasised the implementation of Industry undergraduate and postgraduate, Agile curriculum with industry participation of 60 to 70%, Flexible curriculum CBCS, Student internship for at least one semester, Industry academic Thinnai concept of industry connect, acquiring micro| Nano credentials for all students to provide linkage with industry understanding the current requirements.

The Vice-Chancellor specified the significance of implementing Digital transformation in the teaching-learning process which includes AI-assisted gamification in teaching teaching-learning process guided to adopt Andragogy and Heautogogy in our Teaching Learning practice. He shared plans such as developing Undergraduate Research beyond the curriculum, a Centre of excellence in each department in association with industries Government, and funding agencies, Providing domain-specific research, starting project young faculty, Seed money transform to EMR, Endowments in each

department, Chair professor in each department with the support of industry and Recognition of faculty and students -research awards and honours.

The Vice-Chancellor disclosed that AMET Centre for Innovation and Incubation (AMET- CEII) is associated with 10 Angel investors and 15 Venture Capitalists. 100 ideas were received and 24 novel ideas were promoted to the start-up stage. AMET CEII provided financial support of Rs 11.00 lakhs for the above Start-ups. He shared that Placement is the top attraction for AMET. Through MOUs with major shipping companies i.e., A.P. Moller-Maersk, V Ships, Fleet Management, Wallem Group, PIL AMET conducted an Admission cum recruitment drive in which during this year more than 300 students are provided Admission with Appointment Orders. Besides, the majority of the passing out students are getting placements through major shipping companies and other core industries.

The Vice-Chancellor concluded that with the dedicated team of AMET family members and their Teamwork, Bottom approach, Collective involvement of students and cadets, Support of well-wishers of AMET University, Members of Academic council, Research Academy Council, Board of Studies industries experts and above all our visionary our honourable chancellor Dr J Ramachandran, Dr Rajesh Ramachandran, Trustee Mrs Suseela Ramachandran Dr.G.Thiruvvasagam and all management teams make this AMET University as a Temple of Learning Quality Education with High Discipline.

The Vice-Chancellor has welcomed the opinion of all the Members of the House on his introductory remarks and his proposals. The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT University appreciated the changes made on curriculum development with industry participation and commented that prospects are good. She suggested that seed money projects may be given to the young faculty to encourage their research accomplishments. The Vice-Chancellor explained that to promote the research activity of young faculty in thrust areas AMET University planned to facilitate basic laboratory with instrumental support and funding up to Rs. 5,00,000 and this scheme is known as “kick start”.

Capt. R.K. Kumar of the Nautical Science Department suggested that faculty in charge of doing syllabus revamping and curriculum restructuring must undergo training provided by DGS and should consider the DGS, IMO, and STCW regulations. Capt. Gopal Srinivas, Principal DGS Courses replied that all necessary steps were taken while designing the curriculum and strictly adhered to the DGS, IMO, and STCW regulations.

Dr. Bharathi Raja Dean, Faculty of Engineering and Technology appreciated the efforts made on the industry involvement in the development of syllabi for conducting value-added and skill development courses which are almost 80% hands-on training by Industry experts.

Prof. Dr. Ramakritinan Head of the Marine Bio-Technology department proposed that Scuba diving and Underwater exploration are suitable skill development courses for marine students and the University may conduct these courses as a Certificate course. The Vice-Chancellor welcomed the opinion of Principal DGS Courses. Capt. Gopal Srinivas, Principal DGS Courses replied that Scuba diving is a necessary course for training and we may consider this for next academic year.

Dr. Sivasubramaniyan, Head of the Mining Department appreciated the changes made to the Industry linked curriculum and suggested to Heads of the department that they specify the role of Industry in course content development and its delivery, Conduction of Value added and Skill Development courses, Providing One semester internship and placement opportunities. He also requested coordination and cooperation from all the Heads of Department to take up and complete multidisciplinary research projects. Cadet. Ashish Khanduja, B.E. Marine Engineering - 1st year appreciated the 3 to 6 months internship in core industry for cadets and students and shared that this will improve the placement in core industries. Dr. Subha Head of the English Department invited to have one endowment lecture for students. The Vice-Chancellor immediately replied that all departments should provide one endowment lecture per semester for all classes.

The External Expert appreciated the Vice Chancellor's Effective leadership by setting values and participative decision-making process in building the organizational culture and implementing decentralization and participative management strategies to bring out transformational leadership in faculty.

In his introductory remarks, the Vice-Chancellor thanked every member of the Academic Council for their thoughtful discussions and productive involvement. The Vice-Chancellor congratulated the individual faculty and students for their efforts/noteworthy achievements in academics, research, and Development.

3. Dr. S. Priya, Dean of Academics moved the complementary resolution on the below-mentioned individuals for their achievements made during the period from the previous Academic Council meeting to till date.

INSTITUTION

To consider the report on the awards and recognitions received by the University during the Academic Year 2023 – 24.

1. Honorable Founder and Chancellor Dr. J. Ramachandran has received the “MARITIME EXCELLENCE ACHIEVERS AWARD” at the Global Maritime India Summit held on 19.10.2023 in Mumbai.
2. Top Institution for Campus Life - Ranked in Diamond band from R World Institutional – MHW RANKING 2023

3. The Maritime Programmes of the University are accredited by the Directorate General of Shipping, Government of India, Mumbai through a Comprehensive Inspection Programme carried out by Internationally Accredited Certification Body, Det Norske Veritas (Norway) – Germanischer Lloyd (Germany) - DNV-GL. AMET has been accredited with Grade A1 Outstanding in the CIP for the past SIX consecutive years.
4. Institution Received “Green Campus Award” from Lion’s Club for Exemplary and continuous efforts for maintaining the environment-friendly campus.
5. Institution Received 5 Star rating Trophy and Certificate “National Office for India State level maritime OHS&E Award 2022 ” from the World Safety Organization for Exemplary contribution towards Maritime Education, Skill Development, and Research.
6. Institution Received Appreciation Certificate from ITC Limited “Swatch Green Recycle More & Protect Environment” in a Nationwide Recycling Initiative for contributing 3344 Kgs of dry recycle Waste during 2023-24
7. Institution Received Appreciation Certificate from Government of India, Ministry of Commerce office of the Controller General of Patents “National Intellectual Property Awareness Mission”
8. Scientific and Industrial Research Organization (SIRO): AMET Deemed to be University is recognized as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Government of India for the period 2023-2025.

Atal Ranking of Institutions on Innovation Achievement (ARIIA): AMET is

9. Categorized as a 'PERFORMER' institution (Star Ranking 4/5) in the category of 'University & Deemed to be University (Private-Self-Financed)' in the Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021.
10. AMET University is ranked in the 150-300 band in the NIRF Innovation Ranking.
11. AMET University received the Community Service Excellence Award from Tamilnadu Handlooms, Handicrafts, Textiles & Khadi Department for the Mega Community Service project “Extend support to poor Weavers and Handloom” on the birthday of Mahatma Gandhi by selling khadi and handloom products worth over one crore rupees in a single day.

DEPARTMENT, STUDENTS AND FACULTY

1. PG II year Student Ms. S. Abirami received funds under the student project scheme – 2023 sanctioned by Tamilnadu State Council for Science & Technology (TNCST).

2. Mr Siva Balan was selected for M Sc project work at NIOT, MoES, Chennai, and completed his project work and published one abstract in the national conference.
3. Cadet. K Keerthivasan, Final Year of BE (Marine Engineering) For having been selected for the IAMU scholarship in the amount of USD 3,355/- for the year 2023
4. Cadet Thara K S Second Year of BE (Marine Engineering) For having been registered and submitted the start-up idea in MSME (Ministry of Micro, Small & Medium Enterprises), Govt of India in the category of Maritime Commerce. She is the first girl cadet from AMET registered
5. Mr. R. S. Balaji of II B.Sc. (Robotics and Artificial Intelligence) registered as a student incubate at AMET Incubation Centre and he completed a month International Internship in King Mongkut;s University of Technology, Thonburi – Thailand
6. Dr.S.Priya and Dr. D. Lakshmi conducted two AICTE-ATAL Faculty Development Programs with a total grant of Rs. 6,00,000
7. Mr. Abhilash Ravikumar (III EEEM), Mr. Joe James Serapin (III EEEM), and Mr. Zuben Kalyan (IV EEEM) attended and completed the FERIENI job program in Germany.
8. Dr.Anita R Warriar from the Physics Department received one project worth of Rs.2,28,120 under the Collaborative Research Scheme(CSR) Project of UGC-DAE
9. Dr. S. Rafi Ahmed from the Physics Department received one project worth of Rs.45,000 under the Collaborative Research Scheme(CSR) Project of UGC-DAE
10. Dr.T.Sasilatha, Dean of International Relations received one project worth from DST NEB under the Women Entrepreneurship Development Programme WEDP funding amount of Rs.6, 20,000 for conducting Women Entrepreneurship Development Programme.
11. Dr. M Jayaprakashvel, Dr. R Muthazhilan, Dr. R Vijayaraj from Bio-Tech Department sanctioned one collaborative project with Liverpool John Moores University, UK under the convener ship of Dr. Simone Durre selected by the IAMU with a grant of USD 59000 to work on "Facilitating greener education and cleaner shipping through the development of Novel bespoke micro-textured metals to combat biofouling in niche areas on vessels".

Business Brought Forward by the Dean Academics

4. Dr. S. Priya, Dean of Academics presented the salient features of the Choice Based Credit System (CBCS) such as a reduction in the number of credits, Inclusion of one-semester industrial project, and three to six months of mandatory internship programs suitably in the curriculum, Introducing Industry-specific credit courses in the pre-final year, industry-oriented value added

courses for curriculum enrichment, Mandatory MOOC courses for students/ mapping of courses to its equivalent open elective courses, Provision of credit transfer, Outward and Inward Mobility, Semester Abroad, Dual Degree & Joint Degree, Twinning Programme, Additional Degree and Multiple Entry and Exit in line with NEP 2020.

Internal Marks for I-year students admitted for General programmes and DGS courses (Students admitted in 2023) is decided to be 50 Marks and the minimum mark a student should score to 25 for appearing in the end-semester examination. The Internal Exams to be conducted for I-year students are CAT I and CAT II. CAT 1 is conducted for 2 units (Unit I & II) of 50 marks and CAT II will be conducted for the remaining 3 units (Unit III, IV & V) 60 Marks with 2hrs timing for Exam. The Internal mark 50 has been arrived on the weightage CAT 1 – 10 marks, CAT – 20 marks, Assignment I – 10 marks and Assignment II – 10 marks.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT University asked about the retest procedure for absentees and the process for enhancing the performance of slow learners. Dean Academics replied that two sets of question papers were set by each course handling faculty and set 2 is used for the retest procedure. The slow learners were identified based on their academic performance and special classes were arranged during the evening by the department to improve their performance.

The External Expert proposed that assignment marks should be brought down and more weightage be given to the Continuous Assessment Test performance of students. She advised us to keep marks for Attendance, only then students are motivated to score 100% attendance. She also suggested that if a minimum 25 marks is fixed for internal as mandatory for appearing in end-semester examinations that will affect students. So she asked the Vice-Chancellor to conduct a meeting with all department heads once again and advised to conduct CAT 1, CAT 2, and Model Exam as per previous regulations based on the suggestions given by the committee. The internal 40 marks and external (End Semester) 60 marks may be continued as per previous regulation based on the suggestions given by the committee.

Finally, the External Expert and Academic council members recommended withdrawing the Internal 50 Marks and External 50 marks and the minimum marks student should score to 25 for appearing end semester examination. The External Expert advised to adopt the changes recommended by the Academic council members and ratification to be submitted for the next meeting.

5. Dr. S. Priya, Dean of Academics moved the new structure for Curriculum 2023 (UG & PG) which was developed by the Centre for Curriculum Development. The New Curriculum

Structure and Syllabus Revision (UG & PG) forms are also approved to take effect from the academic year 2023-24.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT University seconded the motion and was CARRIED.

Business Brought Forward by the Boards of Studies of Different Departments

5.1 Department of Marine Engineering

The revisions to the B.E. and M.E. marine engineering curriculum have been taken into account by the Board of Studies in Marine Engineering. In the light of the guidelines given by the Directorate General of Shipping (DGS) and All India Council for Technical Education (AICTE) recommended for certain changes to fulfill the demands of the Maritime Industries. Dr.Arivazhaagan, Coordinator of - Internal Quality Assurance Cell proposed to have a common curriculum for all first-year engineering courses including the general program.

C/E.M. Sathish Kumar, HoD of the Department as well as the Chairperson of the Board of Studies in Marine Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Capt. Gopal Srinivas, Principal DGS Courses seconded the motion and was CARRIED

5.2 Department of Nautical Science

The Board of Studies in Nautical Science has contemplated implementing modifications to the B.Sc. Nautical Science syllabus in the light of the guidelines given by the Directorate General of Shipping (DGS) recommended certain changes to fulfill the demands of the Maritime Industries.

Capt. R.K Kumar asked the reason for changing the total number of credits for B.Sc. Nautical Science from 180 to 129 credits. Principal DGS replied that as per the DGS and UGC guidelines, the revision has been made.

Capt. P. Rajendran, HoD of the Department as well as the Chairperson of the Board of Studies in Nautical Science moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Capt. R.K. Kumar seconded the motion and was CARRIED

5.3 Department of Electrical and Electronics Engineering

The Board of Studies in Electrical and Electronics Engineering has recommended certain changes to the current curriculum and syllabus for B.E. Electrical and Computer Engineering and M.E. Power Systems in order to meet the demands of the Electrical and Maritime industrial sectors. The Board has also considered bringing changes to the curriculum and syllabus for the UG Programme and PG Programme in light of the model curriculum prescribed by the AICTE.

Dr. T. Sasilatha, Dean, of International Relations proposed that most of the students from the

EEE Department are recruited by marine industries, so advised to include one marine industry-related expert in their BoS for revamping the syllabus. Dr. V. Sridevi, HoD of the EEE Department replied that due to health issues, the marine industry expert was not present during the BoS.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT University suggested that the proposed B.E EEE Curriculum offers three different 3 baskets for Professional Elective Courses and the student has to earn 18 credits, so we may take that for the minor degree.

Dr. V. Sridevi, HoD of the Department as well as the Chairperson of the Board of Studies in Electrical and Electronics Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Capt. Gopal Srinivas, Principal DGS Courses seconded the motion and was CARRIED

5.4 Department of Naval Architecture and Offshore Engineering

In light of the guidelines provided by the All India Council for Technical Education (AICTE), the Board of Studies in Naval Architecture and Offshore Engineering has contemplated making changes to the current curriculum and syllabus for the B.E. in Naval Architecture and Offshore Engineering. The Board has also recommended certain changes to meet the needs of the shipbuilding and maritime industries.

C/E.M. Sathish Kumar, HoD of Marine Engineering proposed that the NAOE Department may adopt the same curriculum and syllabi of marine engineering for their I-year students which may help when they are migrated to Marine Engineering as a lateral student. Dr. S.K. Bhattacharya, HoD of NAOE Department replied that only a few students may leave but the majority of them stay back in NAOE and continue, So the proposal is not possible.

Dr.S.K.Bhattacharya, HoD of the Department as well as the Chairperson of the Board of Studies in Naval Architecture and Offshore Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.S.Bharathiraja, Dean, Faculty of Engineering and Technology seconded the motion and was CARRIED

5.5 Department of Mechanical Engineering

In light of the guidelines provided by the All India Council for Technical Education (AICTE), the Board of Studies in Mechanical Engineering has contemplated making modifications to the current curriculum and syllabus for the Bachelor of Engineering Programme in Mechanical Engineering. The AICTE has recommended specific changes to meet the needs of the automotive and maritime industries.

Capt.R.K Kumar proposed that the Mechanical Engineering Department may adopt the same curriculum and syllabi of marine engineering for their first-year students which may help when they are migrated to Marine Engineering as lateral entry students. Dr. S. Bharathiraja, HoD of the Mechanical Engineering Department replied that only a few students may leave but the majority of them continued in the Mechanical Department, So adopting the syllabus recommended by DGS is not possible for this batch and we may consider this proposal for next BoS.

Dr. S. Bharathiraja, HoD of the Department as well as the Chairperson of the Board of Studies in Mechanical Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT University seconded the motion and was CARRIED

5.6 Department of Maritime Commerce

In light of the University Grants Commission's (UGC) guidelines, the Board of Studies in Maritime Commerce has contemplated making modifications to the current B.Com. (General) curriculum and syllabus. The recommendations made by the board will help the business, management, and finance sectors meet their needs.

Dr. S. Sathish Kumar, HoD of the Department as well as the Chairperson of the Board of Studies in Maritime Commerce moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr. Ramakritinan HoD of Marine Bio-Technology seconded the motion and was CARRIED

5.7 Department of Marine Biotechnology

In accordance with the guidelines provided by the University Grants Commission (UGC), the Board of Studies in Marine Biotechnology has examined making modifications to the current curriculum and syllabus for the Master of Science programme in Marine Biotechnology. The recommendations made by the Board include a few changes that will address the needs of the environmental, marine, fishing, and tourism industries.

The External expert suggested that the expert members as well as department professors have to frame attractive syllabus that includes fishery and environmental-related courses to improve the admission for M.Sc. Marine Bio-Technology course. Dr. Ramakritinan HoD of Marine Bio-Technology assured that the suggestions will be incorporated in the next BoS.

Dr. Ramakritinan HoD of Marine Bio-Technology as well as the Chairperson of the Board of Studies in Marine Bio-Technology moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Capt. Rajendran, HoD of Nautical Science seconded the motion and was CARRIED

5.8 Department of Advanced Computing Sciences

To meet the demands of the automation, cyber security, and information technology industries, the Board of Studies in Advanced Computing Sciences examined making changes to the current curriculum and syllabus for the B.Sc. programmes in robotics and artificial intelligence, data science, and cyber security. These changes would be in line with the UGC Model curriculum.

Dr. T. Sasilatha, Dean, of International Relations proposed to sign an MOU with leading IT companies to improve the Curriculum framed for B.Sc-Data Science and also include more IT industry-oriented training given by IT experts. Dr.Duraimutharan, HoD of Advanced Computing Sciences responded that the department signed an MOU with IBM, and IBM faculty are also taking part in delivering the courses. He also informed that MoU with Redhat, and Linux are under process.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT suggested including a generative AI course in Professional Elective Course for better knowledge transformation.

Dr.Duraimutharan, HoD of Advanced Computing Sciences as well as the Chairperson of the Board of Studies in Advanced Computing Sciences moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr. Sivasubramaniyam HoD of Mining Engineering seconded the motion and was CARRIED

5.9 Department of Computer Science and Engineering

The Board of Studies in Computer Science and Engineering has considered bringing the changes to the existing curriculum & syllabus and for the introduction of new programmes B.E-Computer Science and Engineering, B.E-Artificial Intelligence and Data Science in line with AICTE Model curriculum with certain changes to fulfill the demands of Automation, Artificial Intelligence, and Information Technology Sectors.

Dr.S.Bharathiraja, HoD of the Mechanical Engineering Department proposed to include PEGA which is a popular Business Process Management (BPM) tool used to automate organizational processes as a value-added program for improving the Curriculum framed of B.E-Artificial Intelligence and Data Science Dr.R. Ramesh Kumar, HoD of Computer Science and Engineering responded that we incorporate this suggestion and find suitable software training company.

Dr. V. Sridevi, HoD of Electrical and Electronics Engineering suggested providing the Cisco Certified Network Associate (CCNA) which is an entry-level information technology (IT) certification course issued by networking hardware company Cisco. The CCNA is designed to validate our students' knowledge on fundamental networking concepts often requested in networking roles in IT positions.

The External expert Dr.Kalyani Desigan, Dean of Academic Research of VIT suggested motivating the students to participate in the national level Hackathon. Dr. R. Ramesh Kumar, HoD of Computer

Science and Engineering responded that most of our students are interested and actively participated in such events and won prizes.

Dr. Dr. Ramesh Kumar, HoD of Computer Science and Engineering as well as the Chairperson of the Board of Studies in Computer Science and Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr. Subha HoD of English seconded the motion and was CARRIED

5.10 Department of Physics

In order to meet the needs of the maritime and core industry sectors, the Board of Studies in Physics has proposed making some adjustments to the current curriculum and syllabus for the DGS and General Programmes. These changes are in conformity with the UGC and AICTE Model curricula.

C/E.M. Sathish Kumar, HoD of Marine Engineering enquired about the M.Sc-Integrated Physics program. Dr.Anita R Warriar, HoD of Physics explained the eligibility norms and procedure to join the course. Dr. T. Sasilatha, Dean, of International Relations asked about the employability opportunities for this course and the chairman informed that students may get jobs in DRDO and also in government research laboratories.

Dr.Anita R Warriar, HoD of Physics as well as the Chairperson of the Board of Studies in Physics moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.S.Sathish Kumar, HoD of Maritime Commerce seconded the motion and was CARRIED

5.11 Department of Chemistry

The Board of Studies in Chemistry has considered to bring the changes for the existing curriculum & syllabus for DGS and General Programmes and recommended certain changes in line with the UGC and AICTE Model curricula with certain changes to fulfill the demands of marine and core industry Sectors.

Dr. N. Sivakumar, HoD of Chemistry as well as the Chairperson of the Board of Studies in Chemistry moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr. Arivazhagan, IQAC- Director seconded the motion and was CARRIED

5.12 Department of English

In consideration of making modifications to the current DGS and General Programme curriculum and syllabus, the Board of Studies in English has suggested a few revisions that align with the UGC and AICTE Model curricula and address the needs of the maritime and core industry sectors.

Dr. S. Bharathiraja, HoD of the Mechanical Engineering Department informed that even though students are studying Technical English, Professional Communications I, and Professional Communications II courses in their curriculum they may not be able to write a formal letter to their higher officials. Dr.Kalyani Desigan, Dean of Academic Research of VIT enquired whether presentation skills are included in the syllabus. Dr. M. Subha, HoD of English responded that presentation skills are included in the syllabus and the department is providing reading, listening, and writing practice completely. Dr.Kalyani Desigan, Dean of Academic Research of VIT shared that due to anxiety and lack of confidence, students were not able to present them in front of others.

The Vice chancellor advised the core department Heads to take care of students' communication skills. He also suggested the Heads to conduct oral exams and special attempts to improve their communication skills.

Dr. M. Subha, HoD of English as well as the Chairperson of the Board of Studies in English moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.S.K.Bhattacharya, HoD of the Department of Naval Architecture and Offshore Engineering seconded the motion and was CARRIED

5.13 Department of Mathematics

The Board of Studies in Mathematics has recommended to bring the changes for the existing curriculum & syllabus for DGS and General Programmes and recommended certain changes in line with the UGC and AICTE Model curricula with certain changes to fulfill the demands of marine and core industry Sectors.

Dr.Kalyani Desigan, Dean of Academic Research of VIT proposed to include the statistical analysis lab using SPSS (Statistical Package for the Social Sciences), also known as IBM SPSS Statistics, which is a software package used for the analysis of statistical data. Dr. P. Balaganesan, HoD of Mathematics responded that the proposal is already in process and assured that it will be included in the next BoS.

Dr. P. Balaganesan, HoD of Mathematics as well as the Chairperson of the Board of Studies in Mathematics moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr. V.Sridevi, HOD of Electrical and Electronics Engineering seconded the motion and was CARRIED

5.14 Department of Petroleum Engineering

The Board of Studies in Petroleum Engineering has contemplated implementing modifications to the current syllabus and curriculum for the B.E. and M.E. programmes in petroleum engineering. The board has suggested a revised curriculum that aligns with the UGC and AICTE model curriculum, while also incorporating specific changes to meet the needs of the petroleum, gas, and oil industry sectors.

Dr. A. Rajesh Kanna, HoD of Petroleum Engineering as well as the Chairperson of the Board of Studies in Petroleum Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.R.Ramesh Kumar, HoD of Computer Science and Engineering seconded the motion and was CARRIED

5.15 Department of Food Processing and Technology

The Board of Studies in Food Processing and Technology has contemplated carrying out modifications to the current curriculum and syllabus for the B.Tech programme in food processing technology. These adjustments would align with the UGC and AICTE Model curricula while also meeting the needs of the food manufacturing, food analysis, and bio-chemical industry sectors.

Dr. John Wyson, HoD of Food Processing and Technology as well as the Chairperson of the Board of Studies in Food Processing and Technology moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.Duraimutharan, HoD of Advanced Computing Sciences seconded the motion and was CARRIED

5.16 Department of Mining Engineering

The Board of Studies in Mining Engineering has considered bringing changes to the existing curriculum & syllabus for B.E Mining Engineering in line with UGC and AICTE Model curriculum with certain changes to fulfill the demands of Processing plants, Design of open-pit and underground mines industry and Construction company of mine shafts and tunnels.

The Vice Chancellor advised sending the faculty on deputation for 2 to 3 months to the core industry for training. Dr. T. Sasilatha, Dean, of International Relations proposed to handle the courses like Big Data for Mining and Data Science for Mining by industry experts. She also informed in NIOT that under water mining many research are going so student may get opportunities for doing an internship in NIOT.

K.S.Sivasubramanian, HoD of Mining Engineering as well as the Chairperson of the Board of Studies in Mining Engineering moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

Dr.R, Balaji, HoD of AMET Business School seconded the motion and was CARRIED

5.17 Department of AMET Business School

The Board of Studies in AMET Business School has considered bringing the changes for the existing curriculum & syllabus for MBA and BBA Programmes in line with the UGC and AICTE Model curricula with certain changes to fulfill the demands of the Automation, Cyber Security, and Information Technology industry Sectors.

Dr. S. Bharathiraja, HoD of Mechanical Engineering proposed to include the Commercial Tax and GST as a value-added course for Business School Students. Dr.R, Balaji, HoD of AMET Business School responded that students have the course during their study.

Dr.R, Balaji, HoD of AMET Business School as well as the Chairperson of the Board of Studies in AMET Business School moved that considering the recommendations of the Board of Studies, the proposal be approved to take effect from the academic year 2023-24.

C/E. Sathish Kumar, HoD of Marine Engineering seconded the motion and was CARRIED

6. Business Brought Forward by the Dean, Faculty of Engineering and Technology

Dr.S.Bharathi Raja, Dean, Faculty of Engineering and Technology moved that the recommendations for Introduction of new programmes and Closure of certain programmes and the proposal be approve to take effect from the academic year 2023-24.

Capt. Gopal Srinivas, Principal DGS Courses seconded the motion and was CARRIED

7. Business Brought Forward by the Dean, Research and Development Cell

Dr.Rajalakshmi, Director Sponsored Research moved that the recommendations for the Polices of Research and Development Cell of the University reported the activity of the Research and Development Cell and Statistics of research accomplishments and the proposal be approved to take effect from the academic year 2023-24.

V.Sridevi, HOD of Electrical and Electronics Engineering seconded the motion and was CARRIED

7.1 Introduction of D.Sc Program and Regulations of D.Sc Program

Dr.Rajalakshmi, Director Sponsored Research moved that the recommendations for the Introduction of the D.Sc Program and D.Sc Regulation and the proposal be approved to take effect



from the academic year 2023-24.

Dr.R, Balaji, HoD of AMET Business School seconded the motion and was CARRIED

7.2 Revised Regulations of Ph.D Program

Dr.Rajalakshmi, Director Sponsored Research moved that the recommendations for the AMET Ph.D. Regulation 2023 is laid down based on the UGC (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations 2022 implemented from 2023 in AMET Deemed to be University) in suppression of AMET PROCEDURAL GUIDELINES FOR Ph.D. DEGREE PROGRAMME 2023 and all other previous PhD regulations of this University and the proposal be approve to take effect from the academic year 2023-24.

C/E. Sathish kumar, HoD of Marine Engineering seconded the motion and was CARRIED

7.2 Approve the Minutes of Meeting of Research Incentive Committee

Dr.Rajalakshmi, Director Sponsored Research moved that the minutes of Research Incentive Committee meeting held on 08/11/2023 and the minutes be approve to take effect from the academic year 2023-24.

Dr.Duraimutharan, HoD of Advanced Computing Sciences seconded the motion and was CARRIED

8 Report on the Examinations

Dean Academics, reported the conduction of Examinations in the light of guidelines given by UGC, AICTE, and DGS and the Academic Council noted the changes and considered them.

Dr.A.Rajesh Kanna, HoD of Petroleum Engineering seconded the motion and was CARRIED

9 Report on Updated Activities of Internal Quality Assurance Cell

Dr.Arivazhagan, Coordinator of -the Internal Quality Assurance Cell (IQAC) of the University reported the Updated Activities of the Internal Quality Assurance Cell and the Academic Council noted the recommendations and considered them.

K.S.Sivasubramanian, HoD of Mining Engineering seconded the motion and was CARRIED

10 Ratify the Minutes of Meeting of the First Academic Council Meeting

Dean Academics reported the minutes of the last meeting held on 06.10.2023 were sent to the members on 08.10.2023 and informed that a Necessary proposal has already been sent to the UGC for the establishment of Centre for Online and Distance Learning in AMET University (CODE) from the Academic Year 2024-25. The Academic Council considered the recommendations and approved the Minutes of Meeting of the First Academic Council Meeting.

Dr. John Wyson, HoD of Food Processing and Technology seconded the motion and was CARRIED

11 Ratify the Minutes of Meeting of the First Standing Committee on Academic Affairs (SCAA)



Dean Academics, reported the minutes of the First SCAA meeting held from 24.08.23 to 25.08.2023 were placed before the council and the Academic Council considered the recommendations and approved the Minutes of Meeting of the Standing Committee on Academic Affairs (SCAA).

Dr.P.Balaganesan, HoD of Mathematics seconded the motion and was CARRIED

12 Report on Scholarships Awarded to Students

Dean Academics reported the details of sports and other scholarships awarded to students during the academic year 2022-23 to the council, and the Academic Council noted and recorded the appreciation.

Dr.S.Bharathiraja, HoD of Mechanical Engineering seconded the motion and was CARRIED

13 Report on Appointment of New Staff and Relieving of Staff

Dean Academics, reported the details of new staff appointed in the academic year 2022-2023 and staff relieved in the academic year 2022-2023 to the council and the Academic Council noted the changes.

The External Expert Dr. Kalyani Desikan seconded the motion and was CARRIED

The Vice-Chancellor formally thanked all the members' especially external experts for their active and productive participation. He envisaged that this important Meeting of the Council would pave a new way to improve the academic perspectives of the University.

The meeting was formally concluded by the Vice Chancellor.


Registrar