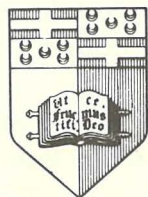
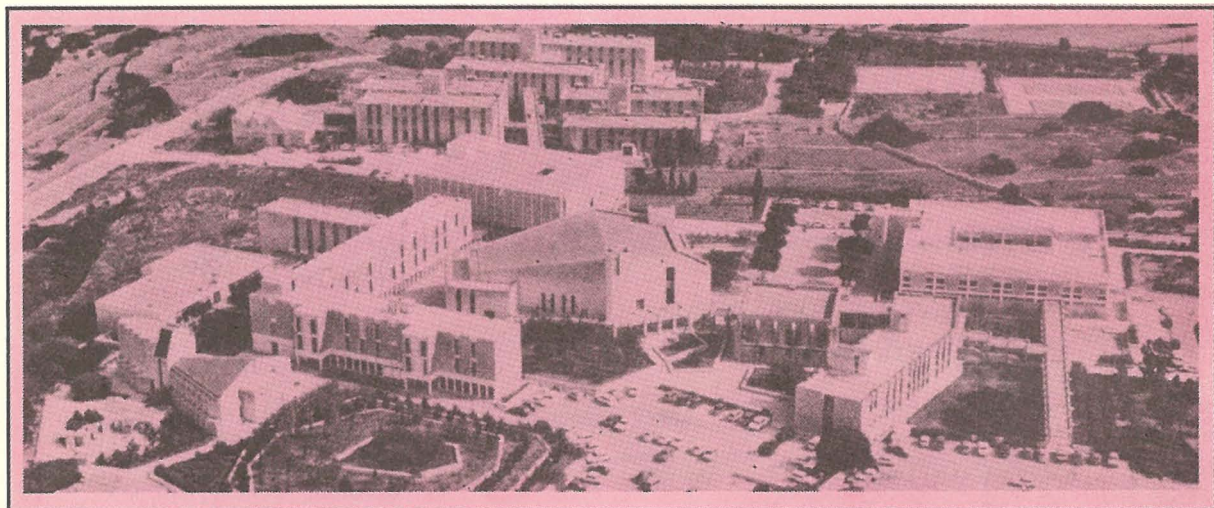


THE UNIVERSITY OF MALTA



GAZETTE

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GRADUATION CEREMONY

Two hundred and fifteen degrees were conferred by the Rector, Professor G.P. Xuereb, at the Graduation Ceremony held at the Assembly Hall of the University on Friday, 18th April, 1986.

The President of the Republic and Chancellor of the University, H.E. Miss Agatha Barbara and the Hon. Prime Minister and Minister of Education, Dr. C. Mifsud Bonnici officiated at the ceremony.

BACHELOR OF EDUCATION (Honours) MASTER OF ARTS

Sponsor: Professor Charles J. Farrugia

B. Ed. (Hons.)

AGIUS DELICATA Erika
AGIUS DELICATA Myriam
ATTARD Carmen
BEZZINA Nicholas
BUHAGIAR Therese
BUSUTTIL Catherine
BUSUTTIL Emmanuel G.
BUSUTTIL Stephen A.
CACCIATTOLO Helen
CAMILLERI Emanuel
CAMILLERI Natalino
CARUANA DINGLI Noel
CASSAR Margaret
CASSAR Mario
COLEIRO Josianne
CORTIS Angela
CUTAJAR Alexandra
DEBONO Marianne
DECELIS Patrick
DELCEPPO Ruth
EBEJER Gladys
FALZON Denise
FARRUGIA Rita
GRAVINA Joseph
GRECH Jesmond
GRIXTI Alfred

MALLIA Magdalen
MANGION Joseph*
MEILAK Christopher
MICALLEF Mario (Bro.)*
MIFSUD Elizabeth
MIZZI Doreen
MUSCAT Raymond
PACE Teresa
PARIS Noel
PIROTTA Liliana
RANDON Christopher N.
SANT Carmen
SCERRI Antoinette
TANTI Michael
TREEBY Michael J.
VELLA Josianne
VELLA Rita
XUEREb Lorraine
ZAHRA Paul
ZAMMIT Joseph

M.A.

ATTARD George
FIRMAN Christine

BACHELOR OF ENGINEERING AND ARCHITECTURE (Honours)
BACHELOR OF ELECTRICAL ENGINEERING (Honours)
BACHELOR OF MECHANICAL ENGINEERING (Honours)

Sponsor: Mr. Edward Scerri

B.E. & A. (Hons.)

SPITERI David

B.Elec.Eng. (Hons.)

ABELA Norman

BUGEJA Joseph

DINGLI David

FIOTT Peter P.

GHIGO Andrew

LANZON Joseph

MICALLEF Joseph

MIFSUD Joseph

PIROTTA Martin

PSAILA Anthony

SCHEMBRI Mario

SCICLUNA Joseph

ZAMMIT Martin

ZAMMIT Saviour

B.Mech.Eng. (Hons.)

ABELA John M

AGIUS CONDACHI Raymond

AQUILINA Thaddeus

BONETT Albert

BORG Paul

BORG Philip

BORG Stephen

CAMILLERI Andrew

CARUANA Daniel

CARUANA Joseph

CURMI Joseph

DALMAS Martin

DARMANIN Lawrence

FALZON Silvio

MICALLEF GRIMAUD Aurelio

MINTOFF Dominic

PHOOLCHUND Robin*

RIZZO Adrian

SALIBA Michael

SAMMUT Joseph

SAMMUT Paul

SCERRI Emanuel

TABONE Joseph

BACHELOR OF ARTS (Honours) IN ACCOUNTANCY
BACHELOR OF ARTS (Honours) IN BUSINESS MANAGEMENT
BACHELOR OF ARTS (Honours) IN PUBLIC ADMINISTRATION

Sponsor: Professor Daniel Darmanin

B.A. (Hons.) in Accountancy

ATTARD Colin
AVELLINO Kevin
AZZOPARDI Ian
BUTTIGIEG John

CLARK Patrick G.
DEBONO Joseph
GALEA Felix
GATT Anthony

GRECH Mario
MAHONEY Pamela R.
MANGION Godwin
MCCARTHY Stephen

MIFSUD Mario
MIZZI Maria C.*
MIZZI Mario
PACE Josanne

PORTELLI Joseph
SAMMUT Christopher
SCIRIHA Charles
SPITERI HILI David

ZAMMIT Antoine M.
ZAMMIT John
ZARB Norbert

B.A. (Hons.) in Business Management

BALDACCHINO Paul
BRIGUGLIO Tonio
BROCKDORFF Raymond
CACHIA Grace A.

D'ALESSANDRO Stephen P.
ELLUL Anthony
FREDO Maryanne
GAUCI Paul

GIORDANO Aldo
GRECH Mark A.
MICALLEF Marthese
TESTA Martin

WARR Godwin
XUEREB Mario
ZAMMIT Joseph

B.A. (Hons.) in Public Administration

AQUILINA Patrick
BORG Alexander
BORG John
CASSAR Patrick

DEBATTISTA Mary
GRIMA Michael
MAHONEY Kevin
PAVIA George

PISCOPO Michael
PSAILA Martin
SULTANA Stephen*
ZARB DIMECH Anthony

BACHELOR OF PHARMACY (Honours)
BACHELOR OF PHARMACEUTICAL TECHNOLOGY (Honours)
DOCTOR OF MEDICINE AND SURGERY

Sponsor: Professor Edwin S. Grech

B.Pharm. (Hons.)

ABELA Moira
AQUILINA Marconne
AQUILINA Roger
ATTARD Vincenza
BARBARA Mario
BONANNO Mary Anne
BORG Alexandra
BORG Mario R.
BORG CARDONA Joanne
BUHAGIAR Stephanie
CAMILLERI Christopher
COLEIRO Claudine
CUTAJAR Miriam
de GRAY Janet
GATT Alexandra
GATT Joseph
GATT Marise
HILI Anne
JACCARINI John
MICALLEF Maresa
MICALLEF Mark
MUSCAT Jacqueline
SALIBA Alma
SAMMUT Stephanie
SCIBERRAS Josanne
SCICLUNA Mary Anne
SPITERI STAINES Angela
TONNA Julian

B.Ph. Tech. (Hons.)

ABELA Mario
BALZAN Anthony
BARTOLO Ivan
BONELLO Emma G.
CARUANA Marthese
ELLUL Saviour
FENECH CARUANA Mario
MALLIA Marie B.
MICALLEF Francis
SALIBA Doriette
SEYCHELL Martin
SULTANA Mary
XUEREB Edward

M.D.

AGIUS Tancred
AQUILINA Carmelo
ATTARD David
BARTOLO Glorianne
BOFFA Michael J.
BORG Andrew
BORG Eileen
BRIFFA Joseph E.
BUHAGIAR Gerald
CACHIA Mario J.
CALLEJA Antonia
CARUANA Peter
CASHA James
CEFAI David
CHIRCOP Antoine
COLEIRO Bernard
CUTAJAR Peter
DEBONO Lucienne
FARRUGIA Brian
FARRUGIA Paul
FENECH Anthony J.
GRIMA Angela
KHOURY Saeb F.
LAPIRA Alexander
MAHONEY Patrick
MANGION Mark J.
MATTOCKS Stephen
MUSCAT BARON Yves
SACCO Raymond
SAMMUT Raymond
SCERRI Christopher
SCERRI Lawrence
SPITERI Carmel
SPITERI Joseph F.
VASSALLO Joseph
VASSALLO Michael
XUEREB Elizabeth
ZAMMIT Astrid

** in absentia*

CONVOCAATION FOR THE CONFERMENT OF
HONORARY DEGREE

ON

H.E. AMADOU-MAHTAR M' BOW

The Convocation for the Conferment of an Honorary Degree – Doctor of Literature (Honoris Causa) – on H.E. Amadou-Mahtar M' Bow, Director-General of the United Nations Educational, Scientific, and Cultural Organization (U.N.E.S.C.O.) was held at the Aula Magna of the University Building, Valletta on Tuesday, 27th May, 1986.

The Ceremony was presided by the President of the Republic and Chancellor of the University, H.E. Miss Agatha Barbara. The degree was conferred by the Rector, Professor G.P. Xuereb, and the Hon. Prime Minister and Minister of Education, Dr. C. Mifsud Bonnici assisted at the ceremony.

The ceremony was attended by the Speaker of the House of Representatives Dr. D. Micallef, the Hon. Minister for Foreign Affairs Dr. Alex Sceberras Trigona, Senator Louis Jung, President of the European Parliamentary Assembly, Sig. G. Adinolfi, Deputy Secretary-General of the Council of Europe, Mr. J.P. Massue, Head of the Division of Higher Education and Research of the Council of Europe, the Hon. Mr. J. Sciberras M.P., Malta's Ambassador to the Council of Europe, Members of the Diplomatic Corps and other guests. The address was delivered by Professor C.J. Farrugia, Chairman of the Faculty of Education.

The Conferment of the Degree was made following a resolution approved by the Council of the University which read as follows:

'Whereas a resolution has been passed by the Senate recommending that the Degree of Doctor of Literature (Honoris Causa) be conferred on

AMADOU-MAHTAR M' BOW

Director-General,

United Nations Educational, Scientific, and Cultural Organization

And this, as an expression of appreciation for the benefit received in the fields of Education, Science and Culture from the United Nations Organization,

And with the earnest wish that the feelings of respect of the Island of Malta and its University be conveyed in a befitting manner to the Head of U.N.E.S.C.O.,

We, the Council of The University of Malta do hereby approve this resolution and order that this distinction be conferred on

AMADOU-MAHTAR M' BOW

on 27th May 1986, in the course of the Inauguration of the Foundation for International Studies at The University of Malta.'

FOUNDATION FOR INTERNATIONAL STUDIES

The President of the Republic, H.E. Miss Agatha Barbara inaugurated the Foundation for International Studies at the University Building, Valletta on Tuesday, 27th May, 1986.

The Foundation will house three Institutes namely, the International Ocean Institute set up in 1970; and the two new institutes: the Mediterranean Institute devoted to historical and cultural aspects as well as to contemporary social, economic and political issues of the Mediterranean; and the International Environment Institute, which will run an international programme on the environmental training of economists. It has also been designated as the seat for the European Training Centre for Water Management on Islands.

Professor Salvino Busuttil is the Director-General of this Foundation.

COURSES OF LECTURES ORGANIZED BY THE EXTENSION STUDIES PROGRAMME

CONTEMPORARY SOCIAL PHILOSOPHY – SERIES II

(31st March to 11th April, 1986)

TITLE

Society, the State and the Individual: libertarian or communitarian principles

Society and the Individual I: rights vs. social utility

Society and the Individual II: liberty and authority

Social forms and social engineering

General review discussion

Social justice

Medical care, public and personal responsibilities

Education, morality and the law

General review discussion

Lecturer: DR. GORDON GRAHAM, Director of the Centre for Philosophy and Public Affairs, University of St. Andrews, Scotland.

COMPUTER PROGRAMMING

(9th April to 13th June, 1986)

Course in Basic Programming

Lecturer: MR. PAUL MICALLEF, Senior Lecturer in the Department of Electrical Engineering.

COURSE IN ENGLISH LITERATURE

SHAKESPEARE W. – *Antony and Cleopatra*CONRAD – *Lord Jim**Lecturer:* DR. DANIEL MASSA, Senior Lecturer in the Faculty of Education

BRITISH POETRY SINCE 1945

WAUGH E. – *Brideshead Revisited**Lecturer:* CHARLES CALLEJA, Esq., Senior Lecturer in Arts in Education, Faculty of EducationCHAUCER – *The Franklin's Tale*MILTON – *Paradisè Lost*, BOOK IV*Lecturer:* ANTHONY M. SCHEMBRI, Esq., Lecturer in the Faculty of Education

CERTIFICATE COURSE FOR MIDDLE MANAGEMENT

The Department of Management Studies is holding a Course for Middle Management in the period April to July 1986. The objective of this course is to educate the middle manager or potential middle manager in various areas of management that will enable him or her to contribute effectively to the goals of the organization and to make the middle manager a more valuable part of the management team.

The Course presents a detailed examination of the following selected fields:

Organizational Dynamics
Industrial Relations and Personnel Management
Management Accounting and Finance
Management Information System
Marketing Management
Strategic Management

COURSE CO-ORDINATOR: Professor Edward J. Scicluna, Head, Department of Management Studies.

SYMPOSIUM ON
LINGUISTIC AND CULTURAL RELATIONS
BETWEEN
MALTA AND SICILY

The University of Malta and the *Istituto Italiano di Cultura* (Malta) organised a three-day symposium on linguistic and cultural relations between Malta and Sicily in the period 4th to 6th April, 1986.

The initiative in getting together scholars from Malta and Sicily engaged in similar fields of research was taken by the University of Catania through Professor G. Soravia in May 1985. This year, the Rector, Professor G.P. Xuereb, offered to host the *II Convegno Malta-Sicilia*, entrusting Dr. J. Brincat to convene it.

The main foreign speakers were:

Professor Alberto Varvaro from the University of Naples and author of *Lingua e storia in Sicilia*;

Professor Girolamo Caracausi from the University of Palermo and author of *Arabismi medievali di Sicilia*;

Professor Franco Lanza, who held the Chair of Italian at this University in the period 1967-1980 and now at the University of Viterbo; and

Professor Salvatore C. Sgroi, from the University of Catania.

In his opening address, the Rector stressed the importance of regular contacts between Maltese and Sicilian scholars so that each group may know and benefit from the other's research in a field which is of interest to both.

The local scholars reading papers were Professor J. Aquilina, Rev. John Azzopardi, Dr. Albert Borg, Dr. J. Brincat, Mr. G. Cassar Pullicino, Dr. A. Cassola, Mr. D. Cutajar, Mr. M. Ellul, Dr. J. Eynaud, Dr. S. Fiorini and Dr. O. Friggieri, while Dr. G. Hull sent a paper from Melbourne University. Professor A. Varvaro illustrated the peculiar linguistic situation prevailing in Norman Sicily where three languages were spoken: Vulgar Latin, Greek and Arabic; Professor G. Caracausi dwelt on the usefulness of Arabic words transcribed in Latin and Greek medieval documents to establish their vocalic character and compare it to Maltese; Professor G. Cusimano spoke on the Maltese authors included in A. Mungitore's unpublished *Bibliotheca Sicula*; and Professor F. Lanza reported on three years' research on Italian manuscripts in Maltese libraries.

Two sessions were devoted to linguistic topics, one to literature and one to music, architecture and art. Dr. Oliver Friggieri presented his publication: *Storia della letteratura maltese* which was just published in Sicily.

The sessions were held at the University, Msida, at the *Istituto Italiano di Cultura*, Valletta, and at the Cathedral Museum, Mdina.

CULTURAL ACTIVITIES IN CONNECTION WITH THE FIFTIETH ANNIVERSARY OF PIRANDELLO'S DEATH

On the occasion of the fiftieth anniversary of Luigi Pirandello's death, the University of Malta in collaboration with the Italian Cultural Institute and the *Centro Nazionale di Studi Pirandelliani di Agrigento* commemorated the event with two manifestations on the 7th and 8th April, 1986 at the University.

On the first day a film of one of Pirandello's works, *Vestire Gl'Ignudi* was shown at the Assembly Hall of the University. The film, directed by Marcello Pagliero, had Gabriele Ferzetti and Eleonora Rossi Drago as the main actors. The film was introduced and illustrated to the public by the well-known critic of Pirandello, Professor Stefano Miglioto, the secretary of the *Centro di Studi Pirandelliani*. Professor Enzo Lauretta, the President of the same Centro brought the film from Agrigento.

On the second day, the dramatic company, Ribalta Mediterranea of Agrigento, under the direction of Paolo Montesi, performed two one-act plays in the Assembly Hall. The two plays were *Lumie di Sicilia* and *Cecè* in which the two main characters, Micuccio Bonavino and Cesare Vivoli (Cecè) were interpreted by Lillo Bruno and Enzo Galluzzo respectively.

The audience, among whom there were several students from the University and the Secondary Schools, appreciated the two performances. These activities are intended to foster the already existing cultural relations between the University of Malta and the *Centro Nazionale di Studi Pirandelliani*. A group of our students have been invited to participate at the next conference to be held in December in Agrigento.

On a broader basis these activities are meant also to strengthen mutual understanding and collaboration between Malta and Sicily.

PHARMACEUTICAL EXHIBITION AND SYMPOSIUM

On Sunday, 8th June, 1986, the Pharmacy Department organized a Pharmaceutical and Industrial Exhibition in conjunction with a symposium presenting projects carried out by recent Pharmacy Graduates. Major drug firms participated in this Exhibition.

The Symposium projects included Pharmacokinetics, Drug Analysis, Drug Product Preparations, Patient Compliance, Quality Control, Forensic Science, Bioavailability Studies and Customs Classifications.

GENERAL

Community of Mediterranean Universities Meeting

The Council Meeting and Second General Assembly of the Community of Mediterranean Universities was held in Ancona, Italy on the 5th, 6th and 7th June, 1986. The Rector's Delegate, Mr. Edward Scerri attended the meeting.

The Council and the General Assembly of the C.M.U. considered and agreed to a proposal by Mr. E. Scerri that a regional centre devoted to alternative energy sources be established in Malta. Dr. J. Menta-lecheta, (UNESCO Representative), assured the C.M.U. that his organisation was prepared to give all the necessary help to set up the centre.

Mr. Scerri participated in a round table conference with the theme 'Higher Education in the Mediterranean Universities'.

Award of C.M.U. Scholarship

A C.M.U. Scholarship was awarded to Miss Maria Borg, a student reading for a degree in Laws at this University. Her project is 'Pollution in an enclosed Sea - the Mediterranean'.

Exhibition of German Cartoons

On Friday, 16th May, 1986, Dr. Eberhard Schmitt, Ambassador of the Federal Republic of Germany, opened an exhibition of German cartoons entitled 'The City' at the foyer of the University Assembly Hall.

This exhibition was held by the Embassy of the Federal Republic of Germany in collaboration with the Department of Engineering and Architecture. These cartoons were placed at the disposal of the Department by Institut für Auslandsbeziehungen of Stuttgart.

Mr. E. Scerri, Chairman of the Faculty of Engineering and Architecture, Mr. A. Cassar, Acting Head of Department, and Mr. J. Spiteri, Senior Lecturer were present at the opening of the exhibition.

Public Lectures

On Thursday, 12th June, 1986, Professor Walter Goldstein, Professor of Public Policy, Graduate School of Public Affairs, State University of New York, delivered a public lecture on 'The Economic Recovery: Sustaining the Momentum' at the Arts Auditorium.

On Thursday, 15th May, 1986, Mr. William Scicluna delivered a public lecture on 'The Function of Transport'.

PUBLICATIONS

Report of the Students Selection Board 1985-86

Lm1.50,0
pp. 193

This publication may be obtained from: The Publications Office, The University of Malta, Msida, Malta.

FACULTY OF EDUCATION
DISSERTATIONS
(1981-86 GROUP)

NAME OF STUDENT	TITLE OF DISSERTATION	SUPERVISOR
Agius Delicata Erika	The Primary School and Lifelong Education	Dr. K. Wain
Agius Delicata Myriam	Item and Error Analysis	Mr. F. Ventura
Attard Carmen	Five Generations of Nani Musicians	Mro. J. Vella
Bezzina Nicholas	La Società Maltese Odierna e la Cultura Italiana	Dott. J. Eynaud
Buhagiar Tessie	Mathematics in the University of Malta up to 1900	Dr. S. Fiorini
Busuttil Catherine	Storja tal-Letteratura Maltija għall-Iskejjel Sekondarji	Dr. O. Friggieri
Busuttil Emanuel G.	The South Coastal Defences of Malta built during the Order of St. John 1530-1798	Mr. D. DeLucca
Busuttil Stephen	'Lolita': A Critical Review	Dr. P. Vassallo
Cacciattolo Helen	Reading Failure	Mr. J. Pirota
Camilleri Emanuel	The Teaching of English in State School Infant Classes: An Analytical Study	Mr. D. Cuschieri
Camilleri Natalino	Item Analysis of a Physics Test: Two Approaches	Mr. F. Ventura
Caruana Dingli Noel	L'Apprentissage de la Langue Française à travers des Activités Ludiques	Dr. L. Seychell
Cassar Margaret	Maria: The First Five Years	Professor J.M. Falzon
Cassar Mario	Ir-Rumanz Malti bejn 1-1930 u 1940	Dr. O. Friggieri
Coleiro Joseanne/ Paris Noel	Misconceptions in Algebra	Ms. C. Axiaq
Cortis Angela	A Study of the Performance of a Group of Young Children on three non-verbal tests	Professor J.M. Falzon
Cutajar Alexandra	Towards a Developmental Process for the Introduction of English to Maltese Schoolchildren	Dr. M. Azzopardi
Debono Marianne/ Scerri Antoinette	L-Ikel u Sahnitna	Ms. J. Pullicino
Decelis Patrick	The Use of Two Intelligence Tests with Maltese Children in Year 6	Professor J.M. Falzon
Delceppo Ruth	The Acquisition of English Phonology by the Maltese Children	Dr. M. Azzopardi

NAME OF STUDENT	TITLE OF DISSERTATION	SUPERVISOR
Ebejer Gladys/ Vella Rita	'O' Level English Literature: Relevance and Enjoyment	Dr. P. Vassallo
Falzon Denise	New Approaches in History Teaching	Mr. M.A. Sant
Farrugia Rita/ Mifsud Elizabeth	Learning through Play	Ms. L. Azzopardi
Gravina Joseph	The Educational Relevance of Antonio Gramsci's Political Writings	Dr. K. Wain
Grech Jesmond	Towards an Educational Museum of Archaeology	Dr. A. Bonanno
Grixti Alfred	The Future of P.T.A.'s in Malta Community Schools	Mr. C. Calleja
Mallia Magdalen	It-Tagħlim tal-Malti permezz ta' "Topics" għal Form II	Ms. M.R. Gatt
Mangion Joseph	Counselling of Students with Problems of Vocational Choice	Mr. M. Vella Haber
Meilak Christopher	Una Analisi degli Errori Ortografici Morfosintattici e Lessicali Commessi in Italiano da Cento Studenti Maltesi	Dott. J. Eynaud
Micallef Mario	The University of Malta and the Promotion of Lifelong Education for the Community	Dr. K. Wain
Mizzi Doreen	The Influence of Age, Sex, Family Size and Birth Order on Educational Attainment	Professor J.M. Falzon
Muscat Raymond/ Treeby Michael	Children's Preferences for Television Programmes	Professor J.M. Falzon
Pace Terry	Comparative study of the reading abilities of a small group	Dr. M. Azzopardi
Pirotta Lilliana/ Randon Christopher	An Analysis of two National Annual Examinations in Accounts	Mr. S. Debono
Sant Carmen	Teaching Music in the Infant and Primary Level of Education	Mro. J. Vella
Tanti Michael	Manuale di Lingua Italiana per Discenti Maltesi di Prima Media (Metodo Audiovisivo Integrato)	Dott. J. Eynaud
Vella Josianne	The Effects of Family Size, Father's Occupation, Age and Gender on Attainment	Professor J.M. Falzon
Xuereb Lorraine	Basic Dance Steps in Gymnastics	Ms. L. Azzopardi
Zahra Paul	Work-phase 1982-1983	Mr. D. Cuschieri
Zammit Joseph	The Chemistry Form III Junior Lyceum Annual Examination Paper July 1983: A Study	Mr. F. Ventura

FACULTY OF ENGINEERING AND ARCHITECTURE PROJECTS – 1986

B.Elec.Eng.(Hons.) Course

NAME OF STUDENT	TITLE OF PROJECT	SUPERVISOR/S
Abela Norman	Energy Study in Malta	Dr. L.Sant Mr. H.Spiteri Professor L.Kupka
Bugeja Joseph	Optical Fibre Communications	Mr. C.Cuschieri Dr. C.Pulè
Dingli David	Video Digitization	Mr. P.Debono Mr. C.Cuschieri
Fiott Peter	A Real-Time Digital Filter	Mr. P.Micallef Dr. C.Pulè
Ghigo Andrew	A Computer Vision System	Mr. C.Cuschieri Mr. P.Debono
Lanzon Joseph	Control Schemes for Pumping Stations	Mr. H.Spiteri Mr. P.Micallef
Micallef Joseph	Optimization of Second Order Systems	Dr. C.Pulè Mr. H.Spiteri
Mifsud Joseph	A Microprocessor Controlled PWM Inverter	Mr. C.Cuschieri Mr. F.Mallia
Pirotta Martin	A Selcal Unit	Dr. C.Pulè Mr. P.Micallef
Psaila Anthony	Electronic Switching System	Mr. P.Debono Dr. C.Pulè
Scicluna Joseph	Altazimuth Sun Tracking System	Dr. C.Pulè Mr. F.Mallia
Schembri Mario	A Practical Part Programming and Part Nesting System	Mr. P.Debono Mr. P.Micallef
Zammit Martin	Telex Signalling and Distortion Analyser	Mr. P.Micallef Mr. P.Debono
Zammit Saviour	Design of a Logic State and Logic Timing Analyser	Mr. P.Micallef Mr. C.Cuschieri

B.Mech.Eng.(Hons.) Course

Abela John M. and Mintoff Dominic	Design and Construction of a Vertical Axis Wind Turbine	Mr. A.N.Debono
Agius Condachi Ray	Design of a Battery-Powered Wheel Chair	Mr. P.E.Gatt
Borg Philip	Design and Construction of a Peristaltic Pump	Mr. A.N.Debono
Borg Stephen	Maintenance Planning Control and Documentation of a 300 T/H P.F. Boiler and Ancillary	Professor J.Mifsud

NAME OF STUDENT	TITLE OF PROJECT	SUPERVISOR
Caruana Daniel	Box Beam Design for an E.O.T. Crane	Mr. E.R. Mallia
Dalmas Martin	Wind-Tunnel Tests on a Straight-Bladed V.A.W.T.	Mr. A.N. Debono
Darmanin Lawrence	Design and Construction of a Variable Speed Unit	Mr. A.J. Pullicino
Rizzo Adrian	A Scale Model Investigation of Spin-Up Loads on Aircraft Wheels	Mr. P.E. Gatt
Saliba Michael A.	Design and Construction of a Robot Arm	Mr. F.E. Farrugia
Tabone Joseph	Design of a Stacker/Lifter to Handle Bales of Straw	Professor J. Mifsud
Aquilina Thaddeus	Post-Weld Heat Treatment of Aluminium Alloys	Mr. M. Grech
Bonett Albert	Energy Saving at Source – The Malta Power Station	Professor J. Mifsud
Borg Paul	Effect of Surface Treatment on Fatigue Strength	Mr. M. Grech
Camilleri Andrew and Curmi Joseph	Design and Construction of Soft-Bearing Balancing Machines	Mr. A.L. Sacco
Caruana Joseph	A Study of the Conversion of Machine Tools to Computerised Numerical Control	Mr. F.E. Farrugia
Falzon Silvio	Insulation in Buildings	Mr. P.P. Farrugia
Micallef Grimaud Aurelio	Analysis of Honeycomb Structures	Mr. E.R. Mallia
Phoolchund Robin	Bellows Type Water Pump	Mr. P.E. Gatt
Sammut Joseph P.	Contamination Rectification for Structural Adhesive Bonding	Mr. A.J. Pullicino
Sammut Paul	Study of L.P.G. as an Alternative Fuel to Petrol	Mr. A.J. Pullicino
Scerri Emanuel	Energy Conservation	Professor J. Mifsud

LISTS OF Ph.D., M.Phil., M.A., and M.Sc. THESES 1980-1986

Doctor of Philosophy Theses

NAME OF STUDENT	TITLE OF THESIS
Macelli Anthony	The Interaction of Multiple Processes of Human Settlement in a Mediterranean Island Ecosystem
Mallia Milanese Victor	Veneto-Maltese Relations in the Seventeenth Century
Xuereb Angela	Studies on Superoxide Dismutase. The Isolation, purification and characterisation of Cytosol Superoxide Dismutase from Swordfish (<i>Xiphias Gladius L.</i>) Liver

Master of Philosophy Thesis

NAME OF STUDENT	TITLE OF THESIS
Fenech Carmel	Bioavailability of Trimethoprim from locally produced co-trimoxazole tablets

Master of Arts Theses

NAME OF STUDENT	TITLE OF THESIS	SUBJECT
Cachia Caruana Richard	Marketing Management in Malta	Economics
Zammit Lawrence	Common Management of Fish Resources in the Mediterranean	Economics
Ciappara Francis	Marriage in Malta in the late eighteenth century	History
Al-Roumi Mohammad	Kuwait and Malta: British Imperial Policy, 1839-1939	History
Marsh Alan	Heavens on earth: A study of the development of the Utopian Genre in English Literature from the sixteenth to the twentieth century	English
Mifsud Francis P.	Studju komparattiv ta' l-ideat lingwistiċi u letterarji ta' M.A. Vassalli u A.E. Caruana fl-isfond ta' l-istorja ta' l-ilsien Malti	Maltese
Pirotta Joseph	Temi crepuscolari francesi nella poesia crepuscolare italiana	Italian
Testa Joseph	Aspects of Maltese Family Life in the first half of the seventeenth century with special reference to the parish of Porto Salvo	History
Al-Roumi Fawzeyah Mohammed	Al-Farabi, a new look at his theories of politics and education	Philosophy
Fenech Joseph	Personal relationships in education	Philosophy
Briffa Carmel	The correlation between the home and the school environment and language learning in Malta	English

NAME OF STUDENT	TITLE OF THESIS	SUBJECT
Doublesin George E.	Aspects of Maltese Semantics	Maltese
Mifsud Chircop Marlene	Motif-Index of the Maltese Folktale	Maltese
Zammit Henry E.	Some aspects of demographic and Social History in the second half of the seventeenth century with special reference to Porto Salvo, Valletta	History
Bartolo Paul A.	War and Social Change: Malta 1914-1919	History
Farrugia Paul	Aspects of life in Malta as seen in the records of Mgr. Luigi Gualtieri, Apostolic Delegate and Inquisitor in Malta, 1739-1743	History
Debono John	The Maltese Wine Trade 1700-1800	History
Mifsud Paul V.	A study of the History, Location, Allocation, Social Composition and Role of Government Housing in Malta	Social Studies
Catania Saviour	Cinema and Literature: Some special problems of film adaptations	English
Borg Carmel E.	Psychosocio-pathological aspects of nonverbal communication (with special reference to body language)	Philosophy
Gatt Eric C.	The Semitic Elements in the 'Damma' of Agius de Soldanis	Maltese
Attard George	The Religious, Civil and Economic Administration of the Holy Infirmary	History
Firman Christine	Reading and writing difficulties encountered by some children - Dyslexia?	English

Master of Science Theses

Farrugia Pauline M.	A seismological investigation of the crust and upper mantle structure beneath the Ionian Sea	Physics
Fenech Michael F.	Aspects of the biology of the vermetid mollusc <i>Serpulorbis arenaria</i>	Biology
Drago Aldo	A contribution to the study of sea water current and stratification around the Maltese Islands	Physics
Fiorini Marika	Factors affecting growth and reproduction of the brine shrimp <i>Artemia salina</i>	Biology
Parisi Mariella	Lethal and sub-lethal effects of dispersant-oil mixtures on <i>Monodonta turbinata</i>	Biology

THE UNIVERSITY GAZETTE

All matter for publication in the next issue of the Gazette should be sent to the Registrar not later than the 31st August, 1986.

THE UNIVERSITY OF MALTA GAZETTE

SUPPLEMENT No:1

Volume 18 No:2

At the Conferment of the Degree of Doctor of Literature (Honoris Causa) on H.E. Amadou-Mahtar M'Bow held on Tuesday, 27th May, 1986, Professor C.J. Farrugia, Chairman of the Faculty of Education, made the following address:

Writing about the world educational crisis, the educational planner Philip Coombs observed:

'No more than a grown man can suitably wear the clothes that fitted him as a child, can an educational system successfully resist the need to change itself when everything around it is changing.'

The Maltese educational system came into its own in 1946 with the implementation of the Compulsory Education Act, an event which coincided with the establishment of UNESCO. In the intervening forty years, both systems have grown, and many changes have taken place around them.

In Malta the growth and changes are very evident in the educational, cultural and scientific spheres. From a handful of schools, the educational system has mushroomed into a complex conglomerate offering educational services in an ever increasing number of subjects catering for the requirements of an ever-widening and heterogeneous school population. The awareness and appreciation of our historical and cultural heritage now permeate all levels of Maltese society. Science, technology, and the media of communication introduce social and industrial innovations that accelerate the growth and change, in Alvin's Toffler's words, 'at the rate of geometrical progressions'.

However, as in every growth process, Malta's has not been without its difficulties and tensions. The limited human and material resources, and sometimes the insularity, of a small developing island-nation like ours, can inhibit and restrict the rate of desired change, in spite of the willingness, the determination and the effort of the inhabitants and their leaders. As a result it is not always possible to change into larger fitting clothes as often as one would like to. On many occasions UNESCO has assisted in Malta's process of change, and there are good reasons for this.

The ideals that have spurred on the Maltese to nationhood and beyond: that is, our ardent desire for peace, the deep religious and moral convictions, the eagerness for knowledge, the preservation of what is beautiful, the search for a better quality of life through the fruits of science: these ideals coincide and correspond with those of UNESCO. It has, therefore, not proved difficult for Malta to contribute to, and benefit from the work of this world body.

Indeed, Malta has been able to draw upon the resources of UNESCO quite extensively. This is not, however, a mere coincidence, for it is a well-known secret in Paris that the Director-General, Mr. Amadou-Mahtar M'Bow has great empathy with developing nations, especially with small developing nations. In Malta's case, he has demonstrated this empathy repeatedly. He visited Malta in 1980 to launch the international campaign to safeguard the Historical Monuments and Sites of Malta and Gozo. He is here again today on the inauguration of the Foundation for International Studies, itself an event which illustrates Malta's acute awareness of the change that is going on around us, and our determination to do something about it.

However, Mr. M'Bow's visits to Malta are only two public manifestations among many other less known contributions: evidence of his interest in the educational, cultural and scientific growth of the people of these islands. Of course, what Mr. M'Bow has done for Malta has been repeated several times over with many other countries since the driving force for Mr. Bow has been his desire to promote and facilitate the fulfilment of UNESCO's ideals among all its member states.

It is superfluous for me to catalogue the numerous achievements of Mr. M'Bow. His record in and outside the United Nations Educational, Cultural and Scientific Organization are too well known to repeat here. It is sufficient to say that he has dedicated his entire life to Education, starting as a teacher in his native Senegal, later to become a tireless educator in the wider, international forum, always strong in his belief that education is the main path to world peace.

Rector, it is a privilege, and a great honour for me to present Mr. Amadou-Mahtar M'Bow to you, to confer on him the Degree of Doctor of Literature (Honoris Causa) of the University of Malta.