



جامعة المنوفية
كلية الحاسبات والمعلومات
برنامج نظم المعلومات ٢٠٢٥



تقرير الأداء السنوي لعام 2022/2023

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University: Menoufia

Faculty: Computers and Information

Department: Information Systems

Information Systems Program Report According to the Study Years

Regulations

Academic Year 2022/2023

Topic	Details
1- Program Name	Information Systems
2- Specialization	Information Systems
3- Duration	4 years (8 semesters)
4- Number of Courses / Credit Hours	63 courses 144 hours
5- Criteria for Forming Exam Committees	Criteria for Forming Exam Committees: An exam committee is formed from the faculty members of the academic department, chaired by the course coordinator or the department head. For undergraduate courses, the committee consists of three members, including the instructor of the course. The committee is responsible for supervising the preparation of exams and ensuring their alignment with the course and program learning outcomes.
6- External Examiners System	The program does not currently utilize external examiners

Specialized Information	
Statistics:	
Topic	Details
Total Number of Students in the Program	250 students
Program Success Rate (2023/2024)	36%
Final Exam Results (4th Year 2023–2024)	56 passed 96 failed
Success Grade Distribution (%) (4th Year 2023–2024)	Excellent: 0%, Very Good: 14.2%, Good: 67%, Pass: 17.8%
Academic Standards(ILOS)	
K–Knowledge and understanding:	<p>K1 A core of analysis, algebra, applied mathematics and statistics.</p> <p>K2 Information systems, data and Information Management, enterprise architecture, IS project management, IT infrastructure, systems analysis and design, and IS strategies.</p> <p>K3 Principles and techniques of database management systems, management, data mining, geographical information systems, multimedia, application development, business process management, enterprise systems, human</p>

	<p>computer interaction, object-oriented analysis and design, e-technologies, multimedia, image processing, information and infrastructures security and computer graphics techniques.</p> <p>K4 Issues such as quality, reliability, enterprise, employment law, accounting and health.</p> <p>K5 Awareness of organizational, human and economic sides of modern organizations..</p> <p>K6 Principles of Information communication and information security.</p> <p>K7 Specification, analysis, design, implementation and operation and maintenance of IS solutions.</p> <p>K8 Modeling organizational processes and data, defining and implementing technical and process solutions, managing projects, and integrating systems</p> <p>K9 Types and alternatives of global information systems architectures, and their differences in terms of service and cost consequences, and their implications</p>
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	<p>for the organizational support needed.</p> <p>K10 Essential facts, concepts, principles and theories relating to computing and information and computer applications as appropriate to the program of study.</p> <p>K11 Modeling and design of computer-based systems bearing in mind the trade offs.</p> <p>K12 Tools, practices and methodologies used in the specification, design, implementation and evaluation of computer software systems.</p> <p>K13 Criteria and specifications appropriate to specific problems, and plan strategies for their solution.</p> <p>K14 The extent to which a computer-based system meets the criteria defined for its current use and future development.</p> <p>K15 The current and underlying technologies that support computer processing and inter-computer communication.</p> <p>K16 Principals of generating tests which investigate the functionality of computer</p>
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	<p>programs and computer systems and evaluating their results.</p> <p>K17 Management and economics principles relevant to computing and information disciplines.</p> <p>K18 Professional, moral and ethical issues involved in the exploitation of computer technology and be guided by the appropriate professional, ethical and legal practices relevant to the computing and information industry.</p> <p>K19 Current developments in computing and information research.</p> <p>K20 Requirements, practical constraints and computer-based systems</p>
<p>I- Intellectual skills</p>	<p>I1 Define traditional and nontraditional information systems problems, set goals towards solving them, and. observe results.</p> <p>I2 Perform comparisons between (methods, techniques...etc).</p> <p>I3 Identify attributes, components, relationships, patterns, main ideas, and errors.</p>

	<p>I4 Restrict solution methodologies upon their results.</p> <p>I5 Select the suitable tools, methods and techniques for modeling, analyzing IS, establishing criteria, and verify solutions.</p> <p>I6 Identify a range of solutions and critically evaluate and justify proposed design solutions.</p> <p>I7 Solve IS problems with pressing commercial, time, and industrial constraints.</p> <p>I8 Suggest an innovative design to solve a problem containing a range of commercial and industrial constraints.</p> <p>I9 Perform problem analysis from written descriptions; derive requirements specifications from an understanding of problems (analysis, synthesis).</p> <p>I10 Analyze computing problems and provide solutions related to the design and construction of computing systems.</p> <p>I11 Realize the concepts, principles, theories and practices behind computing and</p>
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	<p>information as an academic discipline.</p> <p>I12 Identify criteria to measure and interpret the appropriateness of a computer system for its current deployment and future evolution.</p> <p>I13 Analyze, propose and evaluate alternative computer systems and processes taking into account limitations, and quality constraints.</p> <p>I14 Make ideas, proposals and designs using rational and reasoned arguments for presentation of computing systems.</p> <p>I15 Evaluate the results of tests to investigate the functionality of computer systems.</p> <p>I16 Achieve judgments considering balanced costs, benefits, safety, quality, reliability, and environmental impact</p> <p>I17 Familiar with the professional, legal, moral and ethical issues relevant to the computing industry.</p> <p>I18 Evaluate research papers in a range of knowledge areas</p>
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<p>P– Professional and practical skills</p>	<p>P1 Use appropriate programming languages, web-based systems and tools, design methodologies, and database systems.</p> <p>P2 Use quantitative analysis techniques appropriately.</p> <p>P3 Justify technological, methodological and management choices for an information system project for a given organization.</p> <p>P4 Plan and manage an information systems project from inception to final implementation and cut-over.</p> <p>P5 Produce acceptable reports and technical and user system documentation.</p> <p>P6 Perform information acquisition and management, using the scientific literature and Web sources.</p> <p>P7 Apply the principles of effective information acquisition, information management, organization, and information-retrieval to text, images, sound, and video.</p> <p>P8 Apply the principles of human-computer interaction to the evaluation and</p>
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	<p>construction of a wide range of materials including user interfaces, web pages, and multimedia systems.</p> <p>P9 Using tools to automate IS development phases.</p> <p>P10 Analyze and documenting the feasibility of various options and comparing solution options.</p> <p>P11 Maintaining existing information systems.</p> <p>P12 Operate computing equipment, recognizing its logical and physical properties, capabilities and limitations.</p> <p>P13 Implement comprehensive computing knowledge and skills in projects and in deployment of computers to solve position practical problems.</p> <p>P14 Deploy the equipment and tools used for the construction, maintenance and documentation of computer applications.</p> <p>P15 Apply computing information retrieval skills in computing community environment and industry.</p> <p>P16 Develop a range of fundamental research skills, through the use of online</p>
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	<p>resources, technical repositories and library-based material</p> <p>P17 Design, implement, maintain, and manage software systems.</p> <p>P18 Assess the implications, risks or safety aspects involved in the operation of computing equipment within a specific context.</p> <p>P19 Handle a mass of diverse data, assess risk and draw conclusions.</p>
<p>Student Support Methods (for Students with Limited Abilities and Gifted Students):</p>	<p>Support for High-Achieving Students:</p> <ol style="list-style-type: none"> 1. Implement academic advising through authorized faculty members with continuous follow-up to help students overcome obstacles and encourage innovation. 2. Identify and register these students in the academic advisor's dedicated record to monitor their performance, nurture their talents, and enhance their abilities through diverse experiences and opportunities aligned with their interests. 3. Provide material and moral incentives such as gifts, symbolic awards, excellence certificates (monthly or semester-based), and recognition in special ceremonies. 4. Award top students with financial prizes or excellence certificates. 5. Offer additional library services, e.g., extended book loans. 6. Invite the top five students of each year to attend scientific seminars and cultural events. <p>Support for Students Struggling Academically:</p> <ol style="list-style-type: none"> 1. Activate academic advising by identifying students who are lagging

	<p>through exam results and registering them in a special follow-up file.</p> <ol style="list-style-type: none"> 2. Monitor the student's achievement file. 3. Identify causes of academic difficulties via forms distributed by academic advisors, examining factors like personal ability, curriculum, teaching method, instructor, study resources, and environmental issues (e.g., time management, homework completion). 4. Compile midterm and final results and any required tasks, analyze them with statistical data and charts, and provide guidance based on findings. 5. Organize meetings with struggling students and their instructors to discuss causes of underperformance and advise on improving study methods. 6. Encourage participation in subject-specific competitions suited to their level to motivate study and review. 7. Guide course instructors through academic advisors on addressing individual differences, using effective teaching methods, and providing academic and behavioral support. 8. Maintain individual files for struggling students to monitor progress continuously. <p>Support for Talented Students:</p> <ol style="list-style-type: none"> 1. Activate academic advising and continuous follow-up to help talented students overcome obstacles and promote creativity. 2. Record these students in the academic advisor's dedicated section to monitor performance and develop abilities through varied experiences and participation in activities according to interests and desires. 3. Award certificates of appreciation. 4. Invite talented students in each academic year to join the college's youth committee to encourage participation in artistic exhibitions, theater, singing, and other college activities.
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Program Reference Measurement Standards	National Academic Reference Standards Program Reference Measurement Standards
Program Guide	Available
Program Periodic review system	The program implements a periodic review system to evaluate its quality, assess the achievement of academic and professional objectives, and ensure continuous improvement based on feedback and performance indicators
Extent of alignment of the academic structure of the program with the intended learning outcomes	The academic structure of the program largely aligns with the targeted learning outcomes, as evidenced by the mapping of learning outcomes to courses.
Administrative and Organizational Constraints:	Some minor administrative or organizational challenges may exist, such as resource limitations or staffing adjustments; however, they do not significantly affect the efficient operation or management of the program.
Student Assessment to Measure Achievement of Intended Learning Outcomes:	
Assessment Methods Schedule	Midterm exam(week 8) Practical exam(week 15) Oral exam (week 15) Final Exam(week 16) Field Training

	Projects (week 15)
External Reviewer Comments (if any)	No external reviewer comments are available for this reporting period
Educational Facilities:	
Staff to student ratio	Approximately 1 faculty member for every 125–130 students, according to the National Authority for Quality Assurance and Accreditation of Education standards.
Suitability of Faculty Specializations and Distribution of Workload According to Program Needs:	Appropriate
Library	Suitable The college has a library that serves all programs, including the Information Systems program. It provides internet access as well as the Egyptian Knowledge Bank. The library also conducts workshops to introduce the services of the Knowledge Bank, explain how to subscribe and search through it, and guide students on how to register via the student portal. Additionally, e–books related to the Information Systems specialization are available.
Labs	Suitable
Availability of Student Training Opportunities:	The training venues for Information Systems students vary between specialized technology institutions such as ITI, NTI, and ITIDA, in addition to software companies, technical

	<p>support centers, and digital transformation hubs. Some students have also joined additional training programs in business incubators and innovation centers to enhance their readiness for the job market. Training locations were selected based on criteria ensuring relevance to the specialization and providing students with practical skills in software development and data analysis, with an emphasis on organizations offering real employment opportunities after graduation.</p>
Other Program Requirements:	There are no additional program requirements beyond the standard curriculum and training components.
Quality Management and Development:	
Monitoring System for Areas of Weakness:	Effective: Regular meetings are held between the program coordinator and the quality committee with the standards officers, along with continuous communication with academic team leaders.
Procedures for Implementing the College and University Regulations and Policies:	The program adheres to all college and university regulations and policies. Procedures are in place to ensure compliance in areas such as course registration, assessment, academic integrity, grading, and student conduct, with clear guidance provided to both faculty and students.

<p>Effectiveness of the Internal Review System in Developing the Program:</p>	<p>The program coordinator, the program quality committee, and the program review and development committee all play a significant role in enhancing the program, along with the reports provided by the internal reviewer.</p>
<p>External Reviewers' Notes Regarding Program Outcomes and Measurement Standards:</p>	<ul style="list-style-type: none"> • The basic data and the coordinator's name are available. <p>2– Program Intended Learning Outcomes (PILOs):</p> <ul style="list-style-type: none"> • The intended learning outcomes are clear. • The alignment between the intended learning outcomes and the program's objectives is established. • The intended learning outcomes are achieved through the courses. <p>The intended learning outcomes of the program align with the graduate attributes in the following domains:</p> <ul style="list-style-type: none"> • Knowledge domain: aligned • Professional and practical skills: aligned • Intellectual skills: aligned • General skills: aligned <p>3– The program's intended learning outcomes keep pace with scientific developments in the field (up-to-date).</p> <p>4– The program's intended learning outcomes meet the needs of the labor market (aligned).</p> <ul style="list-style-type: none"> • The program structure is largely compatible with the National Academic

	Reference Standards (NARS) for the Computing and Information Sector.
Program Improvement Recommendations:	
program structure	No modifications
New Courses	Some existing courses, such as Data Mining and Business Intelligence, have been revised and updated to better align with program objectives and current industry requirements.
Training and Skills	Training courses are organized for students, along with providing them with practical training opportunities. Workshops are also conducted for faculty members and teaching assistants.
Program Development Recommendations:	<ul style="list-style-type: none"> • Establishing a distinguished Information Systems program fully aligned with current and emerging labor-market demands, emphasizing in-demand tracks such as data analytics, information security, and systems development. • Increasing practical training opportunities for students in organizations and companies that provide real-world experience, enhancing employability after graduation. • Strengthening partnerships with industry and market entities to offer joint applied projects that develop students skills and integrate theoretical knowledge with practical application. • Continuously updating course curricula to keep pace with modern technologies and

	<p>global trends in the field of information systems.</p> <p>Providing targeted support for high-achieving students through incubation programs for entrepreneurial and innovative projects, in collaboration with business organizations.</p>
Responsible for Implementation:	Department Council
Implementation Period:	Academic Year 2022/2023

Department Head:



Program Coordinator:



MENOUFIA UNIVERSITY جامعة المنوفية
FACULTY OF COMPUTERS & INFORMATION كلية الحاسبات والمعلومات
DEAN'S OFFICE مكتب العميد



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Tuesday, September 26, 2023

Dean's office Tel : 048- 2225446, Vice Dean's Tel: 048-2317868 , 048- 2317796, 048-2317862 , Administration Tel :048-2317826

محضر الجلسة رقم (١) للعام الجامعي ٢٠٢٣/٢٠٢٤

بتاريخ ١٩/٩/٢٠٢٣

لمجلس كلية الحاسبات والمعلومات

عقد مجلس الكلية جلسته الأولى للعام الجامعي ٢٠٢٣/٢٠٢٤ وذلك يوم الثلاثاء الموافق ١٩/٩/٢٠٢٣ في تمام التاسعة صباحا بقاعة مجلس الكلية.

عميد الكلية

أ.د/ حاتم محمد سيد احمد : برئاسة

عضوا

الأستاذ المتفرغ بقسم تكنولوجيا المعلومات

وعضوية كلا من:-

عضوا

وكيل الكلية للدراسات العليا والبحوث

أ.د/ محيي محمد هدهود

عضوا

وكيل الكلية لشئون التعليم والطلاب

أ.د/ خالد محمد أمين

عضوا

وكيل الكلية لشئون خدمة المجتمع وتنمية البيئة

أ.د/ حمدي محمد موسى مصطفى

عضوا

ق ع رئيس قسم تكنولوجيا المعلومات

أ.م.د/ شريف سعيد العترى

عضوا

ق ع رئيس قسم علوم الحاسب

أ.م.د/ نورا عبدالعز سمرى

عضوا

الأستاذ المساعد بقسم تكنولوجيا المعلومات " أقدم الأساتذة المساعدين بالتناوب "

أ.م.د/ جمال فاروق الهادى

عضوا

المدرس بقسم نظم المعلومات " أقدم المدرسين بالتناوب "

أ.م.د/ مينا ابراهيم سمعان

مدير مكتب العميد

وتولى سكرتارية المجلس السيد/ تامر جلال نور الدين .

وقد استهل السيد أ.د/ عميد الكلية المجلس- بسم الله الرحمن الرحيم- ورحب بالسادة أعضاء المجلس ثم شرع سيادته في النظر بجدول الأعمال على النحو التالي:

أولاً: التصديقات:

الموضوع رقم (١): (التصديق على جدول أعمال هذه الجلسة.

القــــــــــــــــرار: المصادقة.

الموضوع رقم (٢): (التصديق على محضر مجلس الكلية الجلسة الثانية عشر للعام الجامعي ٢٠٢٢/٢٠٢٣ والمنعقدة في ٢٣/٨/٢٠٢٣

القــــــــــــــــرار: المصادقة.

الموضوع رقم (٣): (اختيار امين المجلس

القــــــــــــــــرار : تم اختيار السيد د./ أميرة ابراهيم عبدالعاطى المدرس بقسم نظم المعلومات أمينا للمجلس .

الموضوع رقم (٤): (التصديق على قرار أ.د/ عميد الكلية رقم (٨٩٤) بتاريخ ١٧/٩/٢٠٢٣ بشأن تشكيل مجلس الكلية للعام الجامعي

٢٠٢٣/٢٠٢٤ م

القــــــــــــــــرار : المصادقة.

الموضوع رقم (٥): (تفويضات السيد أ.د/ عميد الكلية.

القــــــــــــــــرار : وافق المجلس على تفويض السيد أ.د/ عميد الكلية في كل من الآتي ومخاطبة الجامعة:-

- تحويل الطلاب ونقل قيدهم من الكلية وإليها .

- توزيع الدروس و المحاضرات و التمارين العملية.

م	الاسم	الوظيفة
1-	أ.د/ حاتم محمد سيد احمد	عميد الكلية ورئيس قسم نظم المعلومات
2-	أ.د / حمدي محمد موسي	وكيل الكلية لشئون التعليم والطلاب وأستاذ بقسم علوم الحاسب
3-	أ.م. د/ جمال فاروق الهادي	رئيس قسم علوم الحاسب

القة: رأى:- الموافقة على أن تشكل اللجنة من السادة الآتية أسماؤهم:-

م	الاسم	الوظيفة
1-	أ.د/ حاتم محمد سيد احمد	عميد الكلية ورئيس قسم نظم المعلومات
2-	أ.د / حمدي محمد موسي	وكيل الكلية لشئون التعليم والطلاب وأستاذ بقسم علوم الحاسب
3-	أ.م. د/ جمال فاروق الهادي	رئيس قسم علوم الحاسب

الموضوع رقم (١٣) : بشأن اعتماد مجلس الكلية لخطة الصيانة للعام ٢٠٢٢/٢٠٢٣

القرار: تمت الموافقة على خطة الصيانة المعتمدة لضمان استمرارية تشغيل المرافق والخدمات بالكلية بكفاءة وسلامة.

الموضوع رقم (١٤) : بشأن تقرير عن ملائمة المكتبة من حيث التجهيزات و المراجع لعام ٢٠٢٢/٢٠٢٣
القرار: احاطة

الموضوع (١٥): اعتماد تقارير الكلية

١. تقرير تحليل نتائج استبيان رضا الطلاب عن قواعد التحويل و القبول بالكلية ٢٠٢٢/٢٠٢٣
٢. تقرير تحليل نتائج استبيان رضا الطلاب عن الدعم المالي ٢٠٢٢/٢٠٢٣
٣. تقرير عن تحليل مدى فاعلية اتحاد الطلاب وتواصله مع إدارة المؤسسة ٢٠٢٢-٢٠٢٣
٤. تقرير قياس كفاءة الخريج في منظمات سوق العمل لعام ٢٠٢٣/٢٠٢٢
٥. تقرير تحليل نتائج استبيان قياس آراء اعضاء الجهاز الإداري والإجراءات التصحيحية عام ٢٠٢٣/٢٠٢٢
٦. بيان بالبرامج التدريبية المقدمة سنويًا للفئات المختلفة وأنواعها
العام الأكاديمي ٢٠٢٢ / ٢٠٢٣
٧. تحليل نتائج استبيان الدورات التدريبية لأعضاء هيئة التدريس والهيئة المعاونة لعام ٢٠٢٣-٢٠٢٤
٨. تقرير وحدة ضمان الجودة بشأن المقابلات والمشاورات مع رؤساء الأقسام الأكاديمية ومنسقي البرالعام ٢٠٢٣- ٢٠٢٢
٩. تقرير ورش عمل دورية واجتماعات تنسيقية لمناقشة المستجدات الأكاديمية والبحثية وتحديد الدورات ذات الأولوية
١٠. تقرير وحدة الجودة لنتائج قياس رأي أطراف المجتمع عن خدمات الكلية.
١١. تقرير عن تطور نتائج قياس رأي طلاب الدراسات العليا
١٢. تقرير متابعة تنفيذ الخطة التنفيذية ٢٠٢٢-٢٠٢٣
١٣. دراسة مدى تحقق مستويات الأداء المستهدفة ٢٠٢٢-٢٠٢٣
١٤. تقرير نتائج قياس رأي أطراف المجتمع عن خدمات الكلية للعام الجامعي ٢٠٢٣ / ٢٠٢٢
١٥. الإجراءات التصحيحية والتوصيات اللازمة لتحسين الخدمات التي تقدمها الكلية للمجتمع بناءً على نتائج استطلاع رأي الأطراف المجتمعية للعام الجامعي 2022/2023
١٦. التقرير الدورى للجنة اخلاقيات البحث العلمى للعام الجامعي ٢٠٢٢/٢٠٢٣
١٧. تقرير الاداء السنوى لبرنامج نظم المعلومات عام ٢٠٢٢-٢٠٢٣

١٨. تقرير عن جودة التقارير السنوية لبرنامج نظم معلومات للاحقة السنوات الدراسية ودراسة استراتيجيات
١٩. تحليل استطلاع رأي الطلاب في المقررات الدراسية لعام ٢٠٢٢-٢٠٢٣ م
٢٠. نتائج استطلاع رأي الطلاب و أعضاء هيئة التدريس ومعاونيهم عن سياسات التعليم والتعلم لعام ٢٠٢٢/٢٠٢٣ م
واجراءاته التصحيحية
٢١. نتائج استبيانات استطلاع رأي الطلاب لتقييم فاعلية الإرشاد الأكاديمي للعام الجامعي ٢٠٢٢/٢٠٢٣
٢٢. تقرير وحدة الجودة عن فعالية البرامج 2022-2023
٢٣. تقرير نتائج قياس رأي طلاب الدراسات العليا ورضاهم 2022-2023
٢٤. تقرير تحليل استبيان رضا الطلاب عن فعالية البرنامج ٢٠٢٢-٢٠٢٣
٢٥. تقرير تحليل الاستبيانات لخريجي البرنامج و جهات التوظيف ٢٠٢٢-٢٠٢٣
٢٦. تقرير المراجعة الداخلية للبرنامج من وحدة الجودة بالكلية ٢٠٢٢-٢٠٢٣
٢٧. تقرير عرض نتائج التقييم الذاتي و متابعة خطة التحسين للعام ٢٠٢٢-٢٠٢٣
٢٨. تقرير تقييم أعضاء هيئة التدريس والهيئة المعاونة للعام ٢٠٢٢-٢٠٢٣
٢٩. تحليل استبيان عوائد الانفاق علي البرنامج للعام ٢٠٢٢-٢٠٢٣

القرار: اعتماد التقارير والاستفادة من النتائج في تحسين الخدمات.

الموضوع رقم (١٥) : بشأن اعتماد الخطة التدريبية للعام الأكاديمي ٢٠٢٣ / ٢٠٢٤
القرار: الموافقة

الموضوع رقم (١٦) : بشأن اعتماد بيان بالبرامج التدريبية المقدمة سنويًا للفئات المختلفة وأنواعها

العالم الأكاديمي ٢٠٢٢ / ٢٠٢٣

القرار: الموافقة

الموضوع رقم (١٧) : بشأن اعتماد الأنشطة الطلابية و التدريب الميداني و انجازات الطلاب في النشاط الطلابي ٢٠٢٢-

٢٠٢٣ و الطلاب المشاركين في الأنشطة الطلابية

القرار: موافقه

المجلس مفتوح لما يستجد من اعمال تخص الجودة

عميد الكلية

د/ حاتم محمد سيد احمد



أمين المجلس

د/ أميرة ابراهيم عبدالعاطي

