



Conference Program

1st International Conference
on Advanced Research in Pure and Applied Science

ICARPAS2021

Al-Muthanna University
College of Science

24th25 - thMarch2021

Muthanna / Iraq



Republic of Iraq
Ministry of Higher Education & Scientific Research
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Opening Session

ZOOM ID: 291 437 1303

No.	Time	Details
1	09:00	The Iraqi National Anthem
2	09:02	Holy Quran
3	09:09	A minute of silence in memory of the Iraqi and Higher education martyrs
4	09:10	President of Al-Muthanna University welcome Speech
5	09:20	Documentary Film
6	09:25	Dean of the College of Science & Conference Chairman welcome Speech
7	09:35	Dean of Physics College-USM University Speech
8	09:45	Conference Information and Statistics Presentation
9	09:55	Documentary Film about the ancient city of Uruk and Samawah Heritage
10	10:00	Keynote Speech: Low Level Laser Therapy
11	10:20	Opening Ceremony Coordinator: Discussion
12	10:30	End of opening Session

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Keynote Speakers

2021

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Session 1 (Keynote Speakers)

Chairman: Prof. Dr Kasim Mohamed Hello

Co-Chairman: Dr. Ahmed Fadhil

Date and Time: 24-3-2021, 1:00 -2:00 pm

ZOOM ID: 291 437 1303

No.	Time	Keynote Speaker	Affiliation	Title
1	1:00	Prof. Dr. SULAIMAN WADI HARUN	Department of Electrical Engineering, University of Malaya	Development of Ultrafast and High-Power Fiber Laser
2	1:30	Prof. Dr. Sarmad Asi Ali	Department of Applied Geology, Kirkuk University	Ophiolites of Iraq

Session 2 (Keynote Speakers)

Chairman: Assist. Prof. Dr. Rafaat Abalhassan

Co-Chairman: Assist. Pof. Dr Fouad Razaq

Date and Time: 24-3-2021, 7:00 -8:00 pm

ZOOM ID: 291 437 1303

No.	Time	Keynote Speaker	Affiliation	Title
1	7:00	Prof. Dr. Doantrung Luu	Biochemistry and Plant Molecular, Montpellier, France	Genetics of water Channels in Rice upon abiotic Stress
2	7:30	Karwan Wasman Qadir	Department of Physics, College of Education, Salahaddin University-Erbil	Organic Semiconductor Devices: Materials, Fundamentals, Technologies, and Applications

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Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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Session 3 (Keynote Speakers)

Chairman: Assit Prof. Dr Ali Mousa Rasheed

Co-Chairman: Assist. Pof. Arshad Naji Hussain

Date and Time: 25-3-2021, 1:00 -2:00 pm

ZOOM ID: 291 437 1303

No.	Time	Keynote Speaker	Affiliation	Title
1	1:00	Dr. Mohd Zamir Pakhuruddin	School of Physics, Universiti Sains Malaysia (USM)	Light Trapping in Silicon Solar Cells
2	1:30	Prof. Dr. Athir Haddad	Department of Chemistry, College of Science, University of Basrah	Some applications od Nano Polymers in Medicine and Industry

Session 4 (Keynote Speakers)

Chairman: Assist. Prof. Dr Nawras Nahidh Ameen

Co-Chairman: Dr Kadhim Yahya

Date and Time: 25-3-2021, 5:00 -6:00 pm

ZOOM ID: 291 437 1303

No.	Time	Keynote Speaker	Affiliation	Title
1	5:00	Prof. Dr. Salih Mahdi Salman	Department of Chemistry, College of Medicine, University of Diyala	Sugar-Based Surfactants with Amide Linkage Synthesis and Properties
2	5:30	Prof. Dr. Turki Muftin Saad	Sawa University	The Role of Microorganisms in Limiting the Spread of Plant Diseases (Biological Control)

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Mathematics

Topic

2021

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Session 1 (Deferential Equations)

Chairman: Prof. Dr. Hussain Jaber

Co-Chairman: Assist. Lec. Mariam Ghazi

Date and Time: 24-3-2021, 11:00Am -1:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	11:00	ICARPAS-MATH-02	Some Types of Fuzzy Separation Axioms in Fuzzy Topological Space on Fuzzy Set	Muner Abdulkhaliq Alkhafaji Dalia Raad Abd	almustansiriyah university , mathematics department
2	11:15	ICARPAS-MATH-34	Using the Centrodal Mean to Building Parallel Predictor Corrector Runge Kutta Method	Mahmood Dhiya Jasim	Unversity of Mosul
3	11:30	ICARPAS-MATH-39	On a Nonlinear Integrodifferential Equations With Two Variables OnTime Scales	Wafaa S.Ramadan ¹ Akram H. Mahmood ²	Unversity of Mosul
4	11:45	ICARPAS-MATH-49	Efficient Approach for Solving High Order (2+1)D-Differential Equation	Noor A. Hussein Luma N. M. Tawfiq	university of Baghdad
5	12:00	ICARPAS-MATH-92	The Generalized (2 + 1) and (3+1)-Dimensional with advanced analytical wave solutions via Computational Applications	Faeza L. Hasan Mohamed A.Abdoon	University of Basrah
6	12:15	ICARPAS-MATH-125	The combined Sumudu transform-Adomian decomposition method for solving systems of linear Fredholm-Volterra integro-differential / integral	Lamiaa H. Al-Tae, Waleed Al-Hayani	University of Mosul
7	12:30	ICARPAS-MATH-215	On The Existence of periodic solutions to a p-Laplacian Allen-Cahn equation with Neumann Boundary Condition	Raad Awad Hameed Maan A. Rasheed Ogada E. Achieng Wafaa M Taha	Mathematics Department, College of Education, Tikrit University, Tikrit
8	12:45	ICARPAS-MATH-231	Solitary Wave Solution of Zakharov-Kuznetsov Equation	Noor Ali Hussein luma	University of AL-Qadisiyah
9	1:00	ICARPAS-MATH-235	A New Approximate Method For Solving Linear And Non-Linear Differential Equation Systems	Al-Jaberi, Ahmed K, Abdul-Wahab, Mohammed S, Rafid Habib Buti	University of Basrah
10	1:15	ICARPAS-MATH-244	New Modification of Decomposition Method for Solving High Order Strongly Nonlinear Partial Differential Equations	Luma Naji Mohammed Tawfiq , Zainab Hadi Kareem	College of Education for Pure Science Ibn Al-Haitham, University

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Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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Session 2 (Graph Theory)

Chairman: (Assit. Prof. Dr Amir Hamza Ali

Co-Chairman: Lec. Sadiq Sahib

Date and Time: 24-3-2021, 11:00Am -1:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	11:00	ICARPAS-MATH-03	Inverse hn-domination in graphs	Ahmed A. Omran Haneen Aljanaby	Department of Mathematics, College of Education for Pure Science, University of Babylon
2	11:15	ICARPAS-MATH-05	Co-Even Domination Number of Complement of Some Graphs	Manar M. Shalaan Ahmed A. Omran	Department of Mathematics, College of Education for Pure Science
3	11:30	ICARPAS-MATH-185	Equality Co-Neighborhood Dominating Sets and Equality Co-Neighborhood Domination Polynomial of Graphs	Sahib kahat Manal Najji. Al-Harere	Department of Mathematics, College of Science, University of Baghdad
4	11:45	ICARPAS-MATH-246	Convergence and Stability of Solutions of SDEs with the accelerated genetic algorithm	Dr.Yaseen M. Alrajhi Eman A. Hussain	Al-Muthanna University, College of Science
5	12:00	ICARPAS-MATH-180	The Relation Between The K-sets and Coding Theory	Najm Abdulzahra Makhrib AlSeraj Fatima Ahmed Musa	Mustansiriyah University , college of science
6	12:15	ICARPAS-MATH-229	T-hollow lifting modules	Mukdad Qaess Hussain, Zahraa jawad kadhim, Suaad Najji Kadhim	Diyala university- college of education for pure science
7	12:30	ICARPAS-Math17	Using some Reduction Strategies to Find Reliability Network	Fouad H. A. Alsharify and Zahir Abdul Haddi Hassan	University of Babylon
8	12:45	ICARPAS-Math239	Evaluation the reliability of Advanced Research Projects Agency Network by Using the Inclusion Exclusion Method	Ghufran Azeez Mudhar Zaher Abdalhadi	University of Babylon

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 3 (Algebra)

Chairman: Assist Prof. Mousa Maky Khrejan

Co-Chairman: Dr. Aws Nidhal

Date and Time: 24-3-2021, 2:30 -5:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	2:30	ICARPAS-MATH-04	Weakly Essential Fuzzy Submodules and Weakly Uniform Fuzzy Modules	Mahmood S. Fiadh Wafaa H. Hanoon Saad Abbas Abed	Al-Iraqia University / College of Education/ Department of Computer Science
2	2:45	ICARPAS-MATH-06	New Types of Ideals in KU-algebra	Haider Kadhum Jawad Oday I. Al-Shaher	The General Directorate of Education in AL-Najaf
3	3:00	ICARPAS-MATH-07	On Generalization of Hollow Acts	Shaymaa Amer Abdul Kareem Ahmed A.Abdulkareem	Mustansiriyah University College of Basic Education
4	3:15	ICARPAS-MATH-09	Nil Regular Clean Rings	Zubaida M.Ibraheem Raghad I.zidan	University of mosul
5	3:30	ICARPAS-MATH-16	Some Rules for Post-Using Young Diagram Rim	Ammar S. Mahmood Alaa I. Alabaawee	Department of Mathematics, College of Education for pure Science, University of Mosul, Mosul-Iraq
6	3:45	ICARPAS-MATH-20	On QSWR -Rings	Raida D. Mahmood Roua S. Mohammed	University Mosul
7	4:00	ICARPAS-MATH-23	Study Injective Module Over Dedekind Domain	Fawzi N. Hammad Majid Mohammed Abed	University of Anbar
8	4:15	ICARPAS-MATH-36	Double derivations of n- Camma -Lie algebras	Ali Abd H Alzaiadi Rajaa C. Shaheen	Mathematics Department ,College of Education , Al-Qadisiya University,
9	4:30	ICARPAS-MATH-46	Supplement rationally extending modules	Zahraa Muayad Abdalmajeed Mahdi Salih Nayef	Department of Mathematics, College of Education, Mustansiriya University , Baghdad
10	4:45	ICARPAS-MATH-139	The Group Effect on the Projective Plane of Order 67	Najm Abdulzahra Makrib Al-Seraji Zeina Tariq Numan	University of Mustansiriyah, Baghdad, Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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ICARPAS 2021



Session 4 (Optimization)

Chairman: Assist. Prof. Dr. Ahmed Kadhim Shanan

Co-Chairman: Lec. Ali Nadhim Sabbar

Date and Time: 24-3-2021, 2:30 - 4:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	2:00	ICARPAS-MATH-08	K-cluster combinatorial optimization problems is NP_Hardness problem in graph clustering	Ahmed ALRIDHA Dr Ahmed Sabah Al-Jilawi Abbas Musleh Salman	1 Ministry of Education, General Directorate of Education in Babylon, Iraq.
2	2:15	ICARPAS-MATH-14	SOLVING CONSTRAINED OPTIMIZATION PROBLEMS BY USING PENALTY METHOD TECHNIQUE	Ahmed Kasim Salman Dr. Ahmed Sabah. Al-Jilawi Nofl Sh. Al-Shimari3	College of Education for Pure S.C/University of Babylon
3	2:30	ICARPAS-MATH-19	Learning Mathematical Model Of Multi-Objective Functions For coronavirus Optimization Algorithm	Nofl Sh. Al-Shimari Dr. Ahmed Sabah. Al-Jilawi Ahmed Kasim Salman	College of Education for Pure S.C/University of Babylon
4	2:45	ICARPAS-MATH-25	Using a new software approach for solving numerical optimization problem	Al-shimari Nofal Shaker	College of Education for Pure S.C/University of Babylon
5	3:00	ICARPAS-MATH-37	Applications of Maximum Independent Set	Abbas Musleh Salman Dr Ahmed Sabah Al-Jilawi Ahmed ALRIDHA	College of Education for Pure S.C/University of Babylon
6	3:15	ICARPAS-MATH-58	Some New Scaled Conjugate Gradient Methods Via Symmetric Rank-One Update for Unconstrained Optimization	Basim A. Hassan Hawraz N. Jabbar Fadhil Alfarag Sunusi Bala Abdullahi Abdulkarim Hassan Ibrahim	university of mosul
7	3:30	ICARPAS-MATH-115	Methods for solving Constrained Optimization Problems using combine of a new software of Penalty functions	Ahmed Kasim Salman Ahmed Sabah. Al-Jilawi Nofl Sh. Al-Shimari	College of Education for PureS.C/University of Babylon

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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Session 5 (Mathematical Statistics)

Chairman: Assist. Prof. Dr. Riyadh Delphi Ali

Co-Chairman: Dr. Alaa Hussain Sabri

Date and Time: 24-3-2021, 6:00 -8:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	6:00	ICARPAS-Math11	Some properties of smallest and largest order statistics distributions for Generalized Invers Weibull	Salah Hamza Abid Hind Husham Jani	Mathematics department / University of Mustansiriyah
2	6:15	ICARPAS-Math30	Freund's Model with Iterated Sure Independence Screening in Cox Proportional Hazard Model	Ali Hussain AL Rammahiand Tahir R. Dikheel	Universiti Sains Malaysia, USM
3	6:30	ICARPAS-Math107	A New Left Truncated Gumbel- Weibull Distribution: Properties and Estimation	Bahaa Qasim, Mahdi wahhab neamah	Statistics Department, Administration and Economics College, Basrah University
4	6:45	ICARPAS-Math108	Estimating the Parameters of Three-Components New Mixed Distribution (Weibull Rayleigh and Exponential)	ashraf shareef Jassim N Hussain	National University of Science and Technology
5	7:00	ICARPAS-Math132	Sparse Sliced Inverse Regression Based on Adaptive Lasso Penalty	Dheyaa Alaboud, Ali Alkenanii	Department of Statistics, College of Administration and Economics, University of Al- Qadisiyah,
6	7:15	ICARPAS-Math28	Using Linear Goals Programming To Determine The Optimization Of Investment Project Management	alyaa abdulameer ahmed	university of Baghdad / Administration & Economics College
7	7:30	ICARPAS-Math132	Two Doubly Truncated Generalized Distributions: Some Properties	Salah Hamza Abid Hind Husham Jani	University of Mustansiriyah
8	7:45	ICARPAS-Math203	Quadratic Unbiased Estimator of Variance Components in a Multivariate Repeated Measurements Model	Jasim M. Al-Isawi, Abdulhussein S. AL- Mouel, Ali Hasan Ali	University of Basrah

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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ICARPAS 2021



Session 6 (Applied Mathematics)

Chairman: Assist. Prof. Mousa Maky Khrejan

Co-Chairman: Lec. Sadiq Sahib

(Date and Time: 25-3-2021, 9:00Am -11:30 pm)

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	9:00	ICARPAS-Math15	A New Analytical Method For Solving Nonlinear Biological Population Model	Safaa Hamid Mahdi Hassan Kamil Jassim Nabeel Jawad Hassan	Department of Mathematics, Faculty of Education for Pure Sciences, University of Thi-Qar Nasiriyah, Iraq,
2	9:15	ICARPAS-Math24	Approximate Analytical Solution for Fractional Differential Equations with Caputo-Fabrizio Fractional Derivative Via New Iterative Method	Hussein Gatea Taher Hassan Kamil Jassim Nabeel Jawad Hassan	Department of Mathematics, Faculty of Education for Pure Sciences, University of Thi-Qar Nasiriyah, Iraq,
3	9:30	ICARPAS-Math29	Revised Fractional Homotopy Analysis Method for Solving Nonlinear Fractional PDEs	Sahib Abdulkadhim Sachit Hassan Kamil Jassim Nabeel Jawad Hassan	Department of Mathematics, Faculty of Education for Pure Sciences, University of Thi-Qar Nasiriyah, Iraq,
4	9:45	ICARPAS-Math111	Superconvergence of Finite Element Approximations for Elliptic Problem with Neumann Boundary Condition	shurooq kamel abd Rabee Hadi Jari	University of Thi-Qar
5	10:00	ICARPAS-Math32	Improved Piecewise Cubic Bézier Polynomial with C2 Continuity	Mustafa Abbas Fadhel Zurni Omar	School of Quantitative Sciences, Universiti Utara Malaysia, &Institute of Scientific Section, Chancellery, University of Al Muthanna,
6	10:15	ICARPAS-Math52	New wavelet method for solving ordinary differential equations	Ekhlass S.Al-Rawi Ahmed Mohammed Qasim	University of Mosul
7	10:30	ICARPAS-Math85	Numerical Simulation of Stick-slip Viscoelastic Fluid by Using A hybrid Finite-Element/Volume Method	Ihssan A. Fadhel Alaa H. Al-Muslimawi	University of Basrah
8	10:45	ICARPAS-Math102	Fractional Bernstein Polynomials And Back-Propagation Neural Network to Solve FCEWE	Susan H. Mohammad Ekhlass S. Al-Rawi	University of Mosul
9	11:00	ICARPAS-Math198	Improving homotopy analytical method with sine cosine algorithm and Simpson integrative method for solving fractional ordinary differential equations	Mostafa Raed Najeeb Ahmed Entesar Omar Saber Qasim	University of Mosul
10	11:15	ICARPAS-Math188	Numerical Solution for Wiener-Hopf Integral Equation Using Artificial Neural Network	Nahdh S. M. Al-Saif Mahmood A. Shamran Saad N.Al-Azzawi	University Of Anbar

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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Session 7 (Topology)

Chairman: Assist. Prof. Dr Amir Hamza Ali

Co-Chairman: Assist. Lec. Zainab Haider

Date and Time: 25-3-2021, 9:00Am -12:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	9:00	ICARPAS-Math35	On the $\psi_{(T(x))}$ - Operator proximity in i -Topological proximity Space	Yiezi Kadham Mahdi ALTalkany Luay A.A.AL-swidi	university of kufa
2	9:15	ICARPAS-Math119	A Study of Another Certain Classes of Contra and Almost Contra Continuous Mappings	Abduljabar. K. Abbas Ghassan. E. Arif	Department of mathematics, College of Education for pure science, University of Tikrit
3	9:30	ICARPAS-Math120	Another New Certain Property of Connectedness in Topological Spaces via E_c - Open Sets	Ghufran. Ibrahim. Awad Alaa Mahmood Farhan AL-Jumaili	Department of mathematics, College of Education for pure science, University of Anbar
4	9:45	ICARPAS-Math121	Periodic point results for p -contraction mappings on metric spaces	Omar Ahmed Abbas Mustafa Aslantas	Department of Mathematics, Faculty of Science, Çankırı Karatekin University, Turkey
5	10:00	ICARPAS-Math104	Best Periodic Proximity Point Results For Cyclic Mappings On Metric Spaces	Maytham Zaki Oudah Mustafa Aslantas	1Department of Mathematics, Faculty of Science, Çankırı Karatekin University, Turkey
6	10:15	ICARPAS-Math64	Filter Alpha and Beta Topologized Approximation Spaces	Malik Saad Al-Muhja Amer Himza Almyaly	Department of Mathematics and Computer Application, College of Sciences, University of AlMuthanna
7	10:30	ICARPAS-Math77	The Knapsack Fuzzy Chaos Cryptosystem	Bushra Hussien Aliwil Ruma Kareem K. Ajeena	University of Babylon
8	10:45	ICARPAS-Math117	Periodic point results via Bianchini-Grandolfi gauge functions on partial metric spaces	Ali Hussein Bachay, Mustafa Aslantas	University of Dhi-Qar
9	11:00	ICARPAS-Math201	λ -SEMI-OPEN SETS IN GENERALIZED TOPOLOGICAL SPACES	Aziz Hamad Jalal Hatem Hussein	University of Baghdad
10	11:15	ICARPAS-Math245	Θ_N -convergence of net in topological spaces	Atheer M Dhayea1) and Sattar Hameed Hamzah Al-Janabi 2)	University of Dhi-Qar
11	11:30-11:45	ICARPAS-Math195	Supra q -open set and Supra q -continuous map in supra topological space	Wasan Hussain Ali Jalal Hatem Hussein	University of Wasit, College of education for pure science

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 8 (Functional and Complex Analysis)

Chairman: Dr. Rafid Habeeb Butti

Co-Chairman: Assist. Lec. Sura Ibraheem

Date and Time: 25-3-2021, 1:00 -4:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	1:00	ICARPAS-Math60	Continuity on $(T_{(p^{\sim}VS)})$ -Spaces	Intesar Harbi Prof. AL-Nafie Z. D	University of Babylon
2	1:15	ICARPAS-Math63	Piecewise Convex $L_{p,0}$	Iktifa Diao Jaleel Eman Samir Bhaya	Mathematics Department. College of Education for Pure Sciences, University of Babylon
3	1:30	ICARPAS-Math68	Some Fixed Point Theorems in Fuzzy Fréchet Manifold	Ahmad Ghanawi Jasim Al-Nafie Z. D.	University of Babylon
4	1:45	ICARPAS-Math159	Smooth Maps Between $[T^{\approx}]_{(p^{\sim}VS)}$ Spaces	Intesar Harbi AL-Nafie Z. D.	University of Babylon/ College of Education for Pure Science/ Department of Mathematics
5	2:00	ICARPAS-Math178	Controllability of Perturbed Sobolev-Type of Control Systems Using Semigroup Theory	Haitham Hussein Naseif Jassem Ebraheem	university of Kerbela, college of engineering, Iraq
6	2:15	ICARPAS-Math196	On State Space of Measurable Function in Symmetric Δ -Banach Algebra with New Results	Boushra Youssif Hussein	University of Al-Qadisiyah, college of Education, Department of mathematics
7	2:30	ICARPAS-Math242	New Convergence Concepts Of Complex Uncertain	Zainab Hayder Abid AL-Aali Rafid Habib Buti	Department of Mathematics and Computer applications, College of Science, Muthanna University
8	2:45	ICARPAS-MATH-225	Approximation Fixed Point Theorems Via Generalized like Contraction Mappings	Saad Hussain , Zena Hussein Maibed	University of Baghdad
9	3:00	ICARPAS-Math43	Results on Coefficients Bounds for New Subclasses by Using Quasi-Subordination of Analytic Function Estimates	Ibtihal Abdul Ridha Rahman Waggas Galib Atshan	College of Science, University of Al-Qadisiyah
10	3:15	ICARPAS-Math44	Third-Order Sandwich Results for Analytic Functions Defined by Generalized Operator	Azhar Haider Saeed Waggas Galib Atshan	College of Science, University of Al-Qadisiyah
11	3:30	ICARPAS-Math51	A Study on Subclass of Meromorphic Function Connected with the Linear Operator	Mohamed A. Khadr Ahmed M. Ali F. Ghanim3	University of Mosul

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 9 (Mathematics I)

Chairman: Assist Prof. Dr Ahmed kadhim Shanan

Co-Chairman: Dr. Aws Nidhal

Date and Time: 25-3-2021, 1:00 -3:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	1:00	ICARPAS-Math31	Approximation theorems of unbounded functions in $L_{(p, \vartheta)}(X)$ space	Alaa Adnan Auad Ghassan E. Arif Abdulsalam M. Sabri	University of Alanbar
2	1:15	ICARPAS-Math50	Unique Bi-Shadowing Property with Expansivity	Mohammed H. O. Ajam Iftichar M. T. Al-Shara'a	University of Babylon
3	1:30	ICARPAS-Math59	Some Sandwich Theorems of Analytic Functions Involving Operator Defined By Mittag-Leffler Function	Reaam Abd Al-sajjad Waggas Galib Atshan	University of Al-Qadisiyah
4	1:45	ICARPAS-Math66	A New Conjugate Gradient Method in Training Neural Networks to Predict Verholst Model Results	Neaam H. alfahady Khalil K. Abbo Edrees M. Nori Mahmood	university of mosul
5	2:00	ICARPAS-Math75	The Solution of Inverse Boundary Problem for The Heat Exchange for The Hollow Cylinder	A I Sidikova H K Al-Mahdawi	Department of Computational Mathematics, High Performance Computing School of Electrical Engineering and Computer Science, South Ural State University,
6	2:15	ICARPAS-Math114	Exact Solution To Solve Flow Shop Scheduling Problem Under Fuzzy Processing Time To Minim Multi-Objective Functionsize	mustafa talal hanan ali	university of mustansiriyah
7	2:30	ICARPAS-Math142	Influence of Electrical Conductivity on the Oscillatory Flow for Prandtl - Eyring Fluid through Porous Channel	Wedyan A .Muhi	Department of Mathematics, College of Science, University of Al-Qadisiyah, Diwaniya, Iraq
8	2:45	ICARPAS-Math218	New type of continuous mappings on soft bi-topological spaces	seaf M. Mazher, Sattar Hamme Hamzah	Department of Mathematics, College of education, University of AL- Qadisiyah, AL- Qadisiyah, Iraq
9	3:00	ICARPAS-Math100	Best Proximity point Result For Mixed Multivalued Mapping	Doaa Riyadh Abd Al-Zuhari Mustafa Aslantas	Diyala university
10	3:15	ICARPAS-Math140	Oscillatory Flow for Bingham Fluid Through a porous channel with Magneto field	Safaa N. Mohammed ,Dheia G. Salih Al-Khafajy	Department of Mathematics, College of Science, University of Al-Qadisiyah

Republic of Iraq
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Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 10 (Mathematics II)

Chairman: Assist. Prof. Dr Amir Hamza Ali

Co-Chairman: Dr. Alaa husaain Sabri

Date and Time: 25-3-2021, 4:00 -6:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	4:00	ICARPAS-Math227	An Improvement of Dynamic Programming to Solve Knapsack Problem Using Multi-Core System	Mohammed W. Al-Neama Zaidy Y. Mohammed	Education College for Girls, Mosul University of Mosul
2	4:15	ICARPAS-Math230	Oscillation Criteria for Second Order Linear Differential Equations	ANEES ABDULLAH FATHI	Department of Mathematics, College of Computer and Mathematical Sciences, University of Mosu
3	4:30	ICARPAS-Math96	Descriptions of subsets in a finite three dimensional projective space and its application to error – correcting codes	Najm Abdulzahra Makhrib Al-Seraji	Department of Mathematics, college of science, Mustansiriyah University
4	4:45	ICARPAS-Math103	More Secure on the DL-Encryption Schemes Using the TFM Function	Nawal khudhair Abbas Ruma Kareem K. Ajeena	University of Babylon, Education College for Pure Sciences, Mathematics Department
5	5:00	ICARPAS-Math138	Effect of Wall Properties on the Peristaltic Flow of a Couple –Stress for Jeffrey Fluid	Saif Razzaq Mohsin Al-Waily Dheia G. Salih Al-Khafajy	Department of Mathematics, College of Science, University of Al-Qadisiyah, Diwaniya, Iraq
6	5:15	ICARPAS-Math186	Bockstein homomorphism for non prime power groups	Daher Al Baydli Mahmoud M.AL Hadidi	University of Wasit
7	5:30	ICARPAS-Math190	The 3-Dimension Integer Sub-Decomposition Method for Edwards Curve Cryptography	Jolan Lazim Theyab Ruma Kareem K. Ajeena	University of Babylon, Education College for Pure Sciences, Mathematics Department
8	5:45	ICARPAS-Math61	On Subclass of Analytic Univalent Functions Defined By Fractional Differ-integral Operator III	Ameen Khlaif Sachit Rafid Habib Buti Hanan E. Darwish	Al - Muthanna university - college of science - Department of mathematics and computer application
9	6:00	ICARPAS-Math97	An Application of Subclasses of Goodman-Salagean-Type Harmonic Univalent Functions Involving Hypergeometric Function	Mustafa I. Hameed Buthyna Najad Shihab Kassim Abdulhameed Jassim	University of Anbar/College Education for Pure Sciences/Department of Mathematics
10	6:15	ICARPAS-Math106	Quasi Subordination of Bi-Univalent Functions Involving Convolution Operator	Nihad H. Shehab , Abdol Rahman S. Juma	Department of Mathematics; College of Education for Pure Sciences University of Anbar

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Computer Science Topic

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Session 1 (Computer Science I)

Chairman: Assist. Prof. Dr Safaa Kareem Kadhim

Co-Chairman: Assist. Lec. Sura Ibrahim

Date and Time: 24-3-2021, 11:00 Am -2:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	11:00	ICARPAS-Math12	Color Iris Region Detection Using Radial Color Attributes	Hala A. Saud1 Loay E. George2	Baghdad University
2	11:15	ICARPAS-Math21	A review of Covid-19 detection and diagnosis methods based on Deep Learning	Alaa Hussein Ali Farah Q. Al-Khalidi	AL-Mustansiriya University
3	11:30	ICARPAS-Math45	Development of a mathematical model to measurement temperatures inside an engine's combustion chamber	Sameer Saud Dakhel Sadiq Sahip Majeed Maryam Ghazi Ali	Al-Muthanna University
4	11:45	ICARPAS-Math56	Deep Learning Based Driver Distraction: A Review of the Literature	Wijdan abd alhussain abd almutalib Thekra Hydar Ali Abbas huda Abdulaali Abdulbaqi	Mustansiriyah University
5	12:00	ICARPAS-Math70	A Survey on Deep Neural Networks of Video Inpainting	Ann Saad AlSaadi Prof. Dr. Jamila Harbi S	Mustansiriyah University
6	12:15	ICARPAS-Math71	Multi-Security Model For Managing Biomedical Big Data and Multi-Users Via Medical Cloud Computing	Sawsan D. Mahmood Azmi Shawkat Abdulbaqi	SAFAQIS University - TUNIS
7	12:30	ICARPAS-Math72	Energy Monitoring Management System Based on Embedded Systems and Internet of Medical Things	Tahseen Alawi Ahmad	Ph.D Student
8	12:45	ICARPAS-Math79	Design and Implementation of a Classification Technique for EEG Signals Based on a Hybridization Technique	Azmi Shawkat Abdulbaqi	Ph.D Student
9	1:00	ICARPAS-Math83	A Load Balancing Method for Message Passing application in distributed Computing systems	Nuha Al-Ameedi Ahmed Fanfakh	Department of Computer Science College of Science for Women University of Babylon, Hilla, Iraq
10	1:15	ICARPAS-Math84	Car plate recognition secured system	Noor Abbas Khudair Mohamed Ibrahim Shujaa Entithaar Mhawes Zghair	Middle Technical University (MTU) /Electrical Engineering Technical College, Baghdad
11	1:30	ICARPAS-Math232	Using Compression and Encryption to Provide Secure Image Steganography	Yousif Subhi Yousif Yaseen Hikmat Ismail	Mosul Uuniversity

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Session 2 (Computer Science II)

Chairman: Dr. Mona Dawood

Co-Chairman: Assist. Lec. Mariam Ghazi

Dte and Time: 24-3-2021, 6:00 -9:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	6:00	ICARPAS-Math87	A Top Popular Approach for the Automatic Tuning of of Compiler Optimizations	Rafeef M. Al Baity Esraa H. Alwan Ahmed B. M. Fanfakh	Department of Computer Science, Collage of science for women University of Babylon
2	6:15	ICARPAS-Math89	A new approach to spam detection in Twitter using machine learning algorithms	omar ayad	Diyala
3	6:30	ICARPAS-Math90	A Review of Selective H.264 Video Encryption Techniques	Rose Mohammed Lahieb Mohammed Jawad	Computer Networks Engineering Department, Information Engineering College, Al-Nahrain University
4	6:45	ICARPAS-Math95	E-learning as a successful alternative: proposing an online tests system for Iraqi universities	Omar sadeq salman Ali Fahem Neamah	wasit university
5	7:00	ICARPAS-Math99	Deep learning model for segmentation of covid-19 infection's area using CT images	Yousif A. Hamad Juliet Kadum, Ayvar A Rashid Aram H. Mohsen Anastasiia Safonova	imam jafar sadiq university
6	7:15	ICARPAS-Math134	Self-Mapping To Hide Information in A DNA Sequence	Sahar Adill Al-Bawee	Babylon University - Collage of Science for Women
7	7:30	ICARPAS-Math146	Iterated Lavrent'ev Regularization with the Finite-dimensional Approximation for Inverse Problem	Hassan Al-Mahdawi Anna Sidikova	South Ural State University, School of Electronic Engineering and Computer Science
8	7:45	ICARPAS-Math147	Arabic Speech Recognition using Deep Learning Methods: Literature Review	hiba qasim jaber Huda Abdulaali Abdulbaqi	Mustansiriyah University
9	8:00	ICARPAS-Math168	Security Issues of Big Data in the Cloud Computing Platform	MARWAN ABDULHUSSEIN FARHAN Abdullah Ibrahim Shaban Wasan Abdulwahab Mohammed	Ministry of education / Babel education
10	8:15	ICARPAS-Math171	Developed Programmatic Encryption for Central Dogma	Hayder Abdulkhaleeq Al Gburi Sahar Adill Al-Bawee.	Babylon University
11	8:30	ICARPAS-Math179	The Fundamental Solution of a Multidimensional Singular Degenerate B-elliptic Equation of the First Kind	Aigul Nigmedzyanova and Elvira Chebotareva	Institute of Mathematics and Mechanics Kazan (Volga region) Federal University/ Russia

Republic of Iraq
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Al-Muthanna University/ College of Science
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Session 3 (Computer Science III)

Chairman: Assist. Prof. Dr. Safaa Kareem Kadhim

Co-Chairman: Assist. Lec. Mariam Ghazi

Date and Time: 25-3-2021, 9:00Am -11:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	9:00	ICARPAS-Math194	An Energy-Saving Data Aggregation Method for Wireless Sensor Networks Based on The Extraction of Extrema Points	Iman Dakhil Idan Saeedi Ali Kadhum M. Al-Qurabat	University of Babylon
2	9:15	ICARPAS-Math135	Recognition of Facial Expression using Pre-Train Deep Learning Algorithms and Ensemble Classifier	Maher Khalaf Hussien, Fawziya Mahmood Ramo	University of Mosul
3	9:30	ICARPAS-Math212	Transfer Colors Visualization of Large-Scale Hyperspectral Imagery	Safa Najim	College of Computer Science and Information Technology, Basrah University, Basrah
4	9:45	ICARPAS-Math219	Detection threshold value by using optimization algorithm	sara fadhil	Thi-Qar university ,collage of pure sciences
5	10:00	ICARPAS-Math220	Chaotic DNA Partial Image Encryption	Mohammed Jasim Najim , Sahar Adill Al-Bawee	Department of Computer, College of Science for Women- Babylon University
6	10:15	ICARPAS-Math47	Improved detection of Facebook anomalies and abnormalities using graph-based and Machine learning techniques	Ramzi Hamid Elghanuni Rabab Alayham Abbas Helmi Muhammad Irsyad Abdullah	Management & Science University, Shah Alam , Selangor, Malaysia
7	10:30	ICARPAS-Math112	Principle Component Analysis Based Face Recognition	Aqeel M. Breesam, Mousa K. Wail	Middle Technical University, Electrical Engineering Technical College
8	10:45	ICARPAS-Math197	The use of the principle of equilibrium for the routing control in transport networks	Maryam Ghazi Ali Sadiq Sahip Majeed Sameer Saud Dakhel	Almuthana University
9	11:00	ICARPAS-Math113	Interpretation of the Case Fatality Rates of COVID-19 in Iraq	Shaima Ibraheem Jabbar, Abathar Qahtan Aladi	Al Furat Al Awsat Technical University, Babylon Technical Institute
10	11:15	ICARPAS-Math86	Email Spam Detecting by Hybrid Approach	Dheyab Salman Ibrahim Fadhil Kadhem Zaidan Hassan hadi saleh	diyala university

Republic of Iraq
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Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 4 (Computer Science IV)

Chairman: Assist. Prof. Dr Mona Dawood

Co-Chairman: Lec. Sadiq Sahib

Date and Time: 25-3-2021, 3:30 -6:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	3:30	ICARPAS-Math136	Sign Language Translator: Web Application based Deep Learning	Abdullah Qassim Baktash Saleem Latteef Mohammed	Middle Technical University / Electrical Engineering Technical College
2	3:45	ICARPAS-Math158	Forward Error-Correction Techniques in LTE Systems	Ghasan Hussain Lukman Audah	Department of Electrical Engineering, Faculty of Engineering, University of Kufa
3	4:00	ICARPAS-Math187	A Weak Relation-Based Approach to Detect Influential Nodes in Complex Network	Hussein L. H	University of Babylon
4	4:15	ICARPAS-Math193	Applying the Autoregressive Model and the Integrative Moving average ARIMA in Predicting the Levels of Infection with COVID-19 In Babil Province/ Iraq	ASMAA SHAKER ASHOOR	University of Babylon
5	4:30	ICARPAS-Math22	Use Geometric Algorithms To Detect The Gaze Of Eye By Use Mathematics Functions	Ahmed A. Brisam Jamalaldeen S. Dhai Alaa A. Hasan	University of Alqadisiyah
6	4:45	ICARPAS-Math101	Combine Multilinear Principal Component Analysis and Curvelet Transform Features for a New Face	Abeer AL-Shiha	University of Mosul
7	5:00	ICARPAS-Math202	Image Encryption & Decryption Using Types Of Chaotic	Asaad.Alshareefi Taqi Hadi Ali	University of Kufa
8	5:15	ICARPAS-Math226	New Approach of Diagnosing Sarcasm using Multi Action Units and Head Movements	louloua mustafa al-saedi	South Ural State University/, Russia
9	5:30	ICARPAS-Math240	Improved scalability and Consensus of the Blockchain through Network Clusters	Ali Joaad Kadhim Saif M. Al-Alak Haider M. Al-Mashhadi	University of Babylon
10	5:45	ICARPAS-Math233	Optimization and Simulation Approach for Containers handling problem for al FAW port	hayder ibrahim hendi Haider mashali Waleed Khalid	university of thi qar, college of computer and math
11	6:00	ICARPAS-Math150	Improving The Efficiency of The Wireless Robotic Hand by Controlling Sensory Variables	Alaa Hussein Zaidan, Mousa K. Wail, Amer Atta Yaseen	Middle Technical University/ Electrical Engineering Technical College

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Session 1 (Nuclear Physics)

Chairman: Prof. Dr. Abdulameer Kadhim Farhood

Co-Chairman: Lec. Ahmed Nima

Date and Time: 24-3-2021, 11:00 -2:00 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	11:00	ICARPAS-PHYS-04	Evaluation of Elemental Lead Concentration in Serum for Cancer Patients in Salah al-Din Governorate	Asmaa A. Aziz 1, a), Fareed M.Majed2,b), Nada F. Tawfiq3,c)	1Department of Physics, College of Education for Science, Tikret University, Iraq.
2	11:15	ICARPAS-PHYS-05	Single and Coupled Channels Calculations for Fusion Reaction of $6\text{Be} + 209\text{Bi}$, $11\text{Be} + 209\text{Bi}$ and $15\text{C} + 232\text{Th}$ Halo Nuclei Systems	Maryam H. Abd Madhi1 and Fouad A. Majeed2	1,2Department of Physics, Pure Science College of Education, Babylon University, Babylon, Iraq.
3	11:30	ICARPAS-PHYS-25	Radon and Thoron Concentrations of Soil Samples in Al- Shatrah, Nasiriyah, Iraq	Ali Abd. Saadoon1,a) and Murtadha Shakir. Aswood1,b)	1Department of Physics, College of Education, University of Al-Qadisiyah, Al- Diwaniyah, Iraq 2Dhi-Qar Directorate of Education, Ministry Of Education, Iraq
4	11:45	ICARPAS-PHYS-57	Study of Nuclear properties For The Carbon (C) And Oxygen (O) Isotopes : Deformation parameters and Root Mean Square Radii	Duaa Abed Salim1a and Sameera Ahmed Ebrahiem1b	1Physics department, Education for pure sciences Ibn Al-Haitham, University of Baghdad, Baghdad, Iraq.
5	12:00	ICARPAS-PHYS-61	A Deformation Parameters Estimation and $58-60\text{Ni}$ Isotopes Intrinsic Electric Quadrupole Moment	Hadeel AbdAlelah Attosh1,a and Fatema Hameed Obeed2,b	Department of Physics, Faculty of Education for Girls, University of Kufa, Al-Najaf, Iraq1,2
6	12:15	ICARPAS-PHYS-63	Form Factors Calculations for Some P-Shell Nuclei With Core Polarization Effect Using Nushellx	Falah H. Abd1,a and Mohanad H. Olewi 2,b	1,2 Department of Physics, Pure Science College of Education, Babylon University, Iraq.
7	12:30	ICARPAS-PHYS-70	Annual Effective Dose and Cancer Risk for Some Types of Grains Samples (Imported and Domestic) in Kerbala Governorate, Iraq	Zahraa Saad Hamzah , Abdalsattar Kareem Hashim and Ali Abid Abojasim	University of Kufa
8	12:45	ICARPAS-PHYS-81	Deformation and Shape Transition of Even-Even Tin Isotopes Using Skyrme HFB Method	_ftn1	Kirkuk University
9	1:00	ICARPAS-PHYS-90	Effect of Temperature and Time on Properties of Solid State Nuclear Track Detector CR-39	Zahraa S. Karim and Murtadha Shakir. Aswood	University of Al Qadisiyah
10	1:15	ICARPAS-PHYS-113	Estimation of KERMA Due to Neutron Emission into the Constituent Elements of a Tissue in Radiotherapy	Seyed Alireza Mousavi Shirazi	Islamic Azad University, South Tehran Branch, Department of Physics

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Session 2 (Laser Physics)

Chairman: Assist. Prof. Dr. Muwafaq F. Jaddoa

Co-Chairman: Lec. Shaymaa Kareem

Date and Time: 24-3-2021, 11:00Am -1:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	11:00	ICARPAS-PHYS-10	Fabrication of Fiber Optics Evanescent Field Sensor For Detecting Aging Transformer Oil	Radhi M. Chyad1, a, Ahmed A. Hammed1, Alaa Hussain Ali1, Nehayah H. Khalef1	1Laser and optoelectronics center-Directorate of Materials Research-Ministry of Higher Education & Scientific Research and Science and Technology, Baghdad, Iraq.
2	11:15	ICARPAS-PHYS-11	Consequence of Violet Laser Irradiation on The Optical Properties of MawsoniteCu6Fe2SnS8 [CFTS] Thin Films deposited via Semi-Computerized Spray Pyrolysis Technique	Mushtaq Talib Al-Helaly 1,2, a , Bahaa T. Chiad1 & Nathera A .Al-Tememe 1	1 Department of Physics, College of Sciences, University of Baghdad, Iraq.
3	11:30	ICARPAS-PHYS-12	The Structural Properties of MawsoniteCu6Fe2 S8Sn[CFTS] Thin Films Effected by Violet Laser Irradiation deposited via Semi-Computerized spray Pyrolysis Technique	Mushtaq Talib Al-Helaly1,2 & Nathera A .Al-Tememe1	1 Department of Physics, College of Sciences, University of Baghdad, Iraq.
4	11:45	ICARPAS-PHYS-15	Analytical and Numerical Solution of Thermal Effect on Laser Media in Solid State Laser: A Review	J. K. Bader 1, K. S. Shibib1, a and M. J. Abdulrazzaq1	1 Laser and Optoelectronics Engineering Department - University of Technology-Iraq, Baghdad, Iraq
5	12:00	ICARPAS-PHYS-26	Relatively Perfect Match of Quantum-Dot Semiconductor-Laser Output in the Positive and Negative Optoelectronic Feedback System	Mohammed H.H. AL-lamyel, a) and Basim Abdullattif Ghalib2, b)	1Physics Department, Science College, University of Kufa, Najaf, Iraq 2Laser Physics Department, Science College for Women, University of Babylon, Hilla, Iraq
6	12:15	ICARPAS-PHYS-53	Theoretical Studied of Electronic Transition Characteristics of Zn-ZnO Interface	Hadi J. M. Al-Agealy1 and Raghad L. Mohammed2,a)	1Department of Physics, College of Education for Pure Science Ibn-ALHaitham, University of Baghdad, Baghdad-Iraq. 2The General Directorate for Education in Baghdad, Baghdad – Iraq.
7	12:30	ICARPAS-PHYS-74	Calculate the energy for subshells of Na-atom and iso electronic series	Ali hatif hadi, Qassim S.Al – Khafaji	Department of physics, Kufa University, Iraq
8	12:45	ICARPAS-PHYS-103	Enhancement the electrochemical potential of TiO2/ZnO:Cu nanocomposite films for rechargeable batteries	Ali Kamal Mohsin, Saif D. Madhloom, Kadhim A. Aadim	Department of Physics, Collage of Science, University of Wasit.
9	1:00	ICARPAS-PHYS-105	Studying Possibility of Micro-welding using Femtosecond Laser	Suaad Sahib Hindal	Laser and Optoelectronics Research Center, Directorate of Materials Research, Ministry of Science and Technology, Baghdad, Iraq
10	1:15	ICARPAS-PHYS-108	Laser intensity Effect on Nonparaxial Self-focusing through Relativistic Plasma	Abdulkareem Thjeel Jabbar, Munther B. Hassan, Abdullah Hasan Jabbar, Salim Oudah Mezan, Salih Meri Al Absi	Kufa University Iraq

Republic of Iraq

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Session 3 (Bio-Physics and Energy)

Chairman: Assist. Prof. Dr. Hadi Qassim Mohamed

Co-Chairman: Lec. Alaa Jassim Mohamed

Date and Time: 24-3-2021, 2:30 -5:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	02:30	ICARPAS-GEO-01	Factors Controlling the Geochemical and Mineralogical Distribution in Mudstones of the Ga'ara Formation, the Iraqi Western Desert	Kotayba T. Al-Youzbakey ^{1, a)} and Salim H. Hussain ^{2, b)}	¹ Dams and Water Resources Research Center, University of Mosul, Mosul – Iraq. ² Department of earth sciences, College of Sciences, University of Mosul, Mosul – Iraq.
2	02:45	ICARPAS-GEO-04	Pore Pressure and Overburden Stress Prediction from Well Logging Data for Fulla-NE Oilfield, Muglad Basin –Sudan	Badraldeen Alsadig ^{1, a} , Zhizhang Wang ^{2, b}	^{1,2} College of Geosciences, China University of Petroleum-Beijing, 18 Fuxue Road, Changping, Beijing 102249, China
3	03:00	ICARPAS-PHYS-20	Calculation of the Specific Absorption Rate (SAR) and Absorption Ratio of the Thyroid Gland in Rabbits at the Frequencies (9, 10.5, 12) GHZ	Ahmed R. Mathloom ^{1, a} , Abdulbari A. Alfaris ^{2, b} and Zeki A. Ahmed ^{3, c}	^{1,3} Department of Physics, College of Sciences, University of Basra, Iraq ² Department of Surgery, College of Veterinary Medicine, University of Basra, Iraq
4	03:15	ICARPAS-PHYS-21	Iraqi Hawizeh Marsh: A Half-Century of Water Surface Evaluation	Mahir M. Hason ^{1, a)} , Abbas Fadhil Abdulrahman ²⁾ and Ali Omran Al-Sulttani ³⁾	¹ Ministry of Science and Technology, Directorate of Space and Communication, Disaster Information Management Center, Baghdad, Iraq
5	03:30	ICARPAS-PHYS-41	Implementation an Experimental study of Multi Rotor Metal Blades Wind Turbine Suitable for Baghdad Weather	Hussein Thena Kadhim ^{1,a)} , Noor Qassim Faraj ^{2,b)} , Ali K. Resen ^{3,c)}	^{1,2,3} Iraq /Ministry of Higher Education and Scientific Research
6	03:45	ICARPAS-PHYS-50	A Review of Performance Enhancement of The Shell and Tube Heat Exchanger by Using Nanofluid	Saad M Najim ^{1, a} , Adnan M Hussein ¹ and Suad H Danook ¹	¹ Kirkuk Technical College, Northern Technical University, 36001 Kirkuk, Iraq
7	04:00	ICARPAS-PHYS-76	Experimental investigation for performance evaluation of solar air heater collector	Khudheyer S. Mushatet, Rawan A. Fayyad	Mech. Eng. Dept. College of Engineering, Thi-Qar University
8	03:45	ICARPAS-PHYS-86	Study The Thermal Performance of Electrical Transformers with Using New Types of Cooling Fluids	Mushtaq I. Hasan , Rasool H. Sharrad and Dhay M. Muter	Unniversity of Thi-Qar
9	04:00	ICARPAS-PHYS-97	Climate change and its effect on water and vegetation cover over shary region using GIS techniques	Abdulrahman B. Ali, Ahmed F. Hasson , Abd –Ulghafour Ibrahim	University of Baghdad/college of science
10	04:15	ICARPAS-PHYS-100	Patterns of Aerosols-Clouds Interactions Over Iraq Using MODIS Satellite Data During (2008-2017)	Aqeel D Salman, Kais J Al-Jumaily, Ali M AL-Salihi	University of Baghdad

Republic of Iraq

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Session 4 (Medical and Nano-Technology Physics)

Chairman: Prof. Dr. Qahtan Adnan Adbalqadir

Co-Chairman: Dr. Ahmed Fadhil

Date and Time: 24-3-2021, 6:00 -8:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	06:00	ICARPAS-PHYS-01	A Mice Radiation-Induced Liver Disease: Pectin on Strontium Nanoparticles Mediated by Protein- Poly(vinyl alcohol) Matrix as Drug Delivery in vivo Study	Marwa Abdul Muhsien Hassan1, a) and Asmaa Hadi Mohammed1, b)	Department of Physics, College of Science, Mustansiriyah University, Baghdad, Iraq
2	06:15	ICARPAS-PHYS-33	Advanced versus conventional radiotherapy in head and neck cancers	Huda Jawad1, Medhat Esmael2, Magdy Khalil2, Hadeel Kamil3, Ali Ghalib3	Professor Of Medical Biophysics, Faculty of Science, Helwan University, Cairo, Egypt2. Radiation oncologist, Al- Amal National Hospital, Baghdad, Iraq3.
3	06:30	ICARPAS-PHYS-75	Spatial Analysis of the Distribution of Children with Asthma in Al-Muthanna Governorate Using Geographic Information Systems (GIS)	Nadia Hussein Ali Saudi	College of Education for Pure Sciences, Al-Muthanna University, Al-Muthanna, Iraq
4	06:45	ICARPAS-PHYS-82	Preparation and Characterization of Organic-Inorganic hybrid MAPbBr ₃ Perovskite	Wadah Mohammed Mahdi, Aref S. Baron	University of Kufa
5	07:00	ICARPAS-PHYS-89	Evaluation The Effect Of Gallium Oxide Nanoparticles Production Using LIP On Some Complications In Alloxan Induced Diabetic Rats	Abdul-Majid E. Al-Samarai, Kadhim A. Aadim, Salah M. M. Al-Chalabi, and Mohammed M. Hameed	Department of Physics, College of Education for Pure Sciences, University of Tikrit, Iraq
6	07:15	ICARPAS-PHYS-95	Preparation of cadmium oxide nanoparticles by green synthesis method for against gram-positive and gram-negative bacterial strains	Shaymaa N. Ismail, Bahaa Jawad Alwan, Ehab.m.Ali, Ahmed N. Abd	Applied Physics Branch, Department of Applied Science, University of Technology
7	07:30	ICARPAS-PHYS-101	Characterization and Anti-Urolthiatic Activity Green synthesized of Silver Nanoparticles Using the Pandanus atrocarpus Extraction	Abdullah Hasan Jabbar, Salim Oudah Mezan, Salih Meri Al Absi, Ahmed Shayaa Kareem, Abdulkareem Thjeel Jabbare, Fouad Qasim Jubair	Sawa University, Iraq
8	07:45	ICARPAS-PHYS-116	Analysis of Grey Matter Volume in Ischemic Stroke Patients with Diffusion Weighted Magnetic Resonance Imaging	Dian Yuliani Alam, Johan A. E. Noor and Yuyun Yueniwati	Brawijaya University
9	08:00	ICARPAS-PHYS-118	NO ₂ Gas Sensing Performance Based on ZnO Nanorods Synthesized by Chemical Bath Deposition Technique	Salah M. Saleh Al-Khazali, Husam S. Al-Salman, A. Hmood, Adel H. Omran Alkhayat, S.M. Tahab	University of Basrah, College of Science
10	08:15	ICARPAS-PHYS-119	The effect of donor- π -acceptor unit on the optoelectronic parameters of Poly(triamterene-co-terephthalate):Betalain dye composite system	Peshawa O. Amin, Fahmi F. Muhammadsharif, Salah Raza Saeed, Kamal Aziz Ketuly	Department of Physics, Faculty of Science and Health, Koya University, 44023 Koya, Kurdistan Region, Iraq

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Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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Session 5 (Radiation Physics)

Chairman: Assist. Prof. Dr Ahmed Subhi Jbarah

Co-Chairman: Lec. Aqeel Shaker

Date and Time: 25-3-2021, 9:00 -11:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	09:00	ICARPAS-PHYS-38	Filling Ratio Effects on the Refractive Index of the Composite Media	Amina Sabah Hashem1,a), Hassan Abid Yasser2,b)	1 Republic of Iraq, Thi-Qar University, College of science, physics department.
2	09:15	ICARPAS-PHYS-49	An overview of Mechanical and Thermal Properties of Nano Concrete	Alaa. N. Saleh1,a, Omer.A. Khalil1 and Alyaa.A. Attar1	1 Northern Technical University, Kirkuk, Iraq
3	09:30	ICARPAS-PHYS-72	A Study of Radon Concentration and the Annual Effective Dose in the Soil of Samawa city districts – South of Iraq	Russel S. Mohammed, Abdulameer K. Farhood	Department of Physics, College of Science, Al-Muthanna University, Iraq.
4	09:45	ICARPAS-PHYS-107	INVESTIGATION THE CAMEL HAIR HAS A HIGH ABILITY TO ATTENUATE GAMMA RAYS	Esraa Al-Sarray and Susan Noori Samira Ebrahiem	Directorate of Baghdad Education, Republic of Iraq Ministry of Education, Al-Karkh III, Iraq.
5	10:00	ICARPAS-PHYS-110	Effect of Etching time on the track density of fission fragments human teeth samples with Lexan detector	Karar Mahdi Talib, Nada Farhan Kadhim, Ahmed Fadhil Mkhaimer, Mostafa Y. A Mostafa	AL-Muthanna University
6	10:15	ICARPAS-PHYS-111	A theoretical study including the breakdown voltage characteristics for some industrial gases	Maher Sami Saleh, Raad Hameed Majeed	University of Baghdad
7	10:30	ICARPAS-PHYS-115	Characterization of cr203 nanoparticles prepared by using Roselle extract in two method and comparison between them by different temperatures.	Saja Q.Ali, Wisam J. Aziz, Raad S. Sabry	Al Mustansryah
8	10:45	ICARPAS-PHYS-121	Investigating Effect of Low Level Laser on Tyrosinase enzyme by Means of Chemiluminescence	Saja Imad Dawood, Ammar Alhasan, Qahtan Adnan Abdulqader	Al Muthanna University, College of Science, Department of Physics
9	11:00	ICARPAS-PHYS-122	Ferrimagnetic compensation temperatures in the mean-field theory of a mixed spin-3 and spin-7/2 Blume-Capel Ising Model	Ali Arabi, Hadey K. Mohamad	Al Muthanna University, College of Science, Department of Physics
10	11:15	ICARPAS-PHYS-123	Segmentation of Breast mammogram Images using Level set method	Eman A. Radhi and Mohammed Y. Kamil	College of Sciences, Mustansiriyah University, Baghdad, Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 6 (Thin Films Physics)

Chairman: Assist. Prof. Dr. Rasha A. Hussein

Co-Chairman: Assist. Prof. Ali salaman Ali

Date and Time: 25-3-2021, 9:00 -11:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	09:00	ICARPAS-PHYS-09	The influence of annealing temperature on SnO ₂ thin film structural and optical properties	Salah Kaduri Haza'a ¹ , Hiba R. Shakir ² , Saba J. Hassan ³	1Al-Karkh University of Science, College of Science, Department of Medical Physics
2	09:15	ICARPAS-PHYS-46	Theoretical study of electronic structure and optical properties for ZnO thin film	Ahmed Th. Shihatha ^{1a} , Abdulhadi M. Ghelab ^{1,b} , Rafi A. Munfi ^{1,c}	1Dept of Physics, College of Science, Kirkuk University, Iraq.
3	09:30	ICARPAS-PHYS-56	The reliability of the glass properties on the light and dark blue coating	Mohammed Hameed Mohammed a) and Kareem A. Jasim b)	Department of Physics, College of Education for pure science Ibn-Al-Haithem, University of Baghdad, Iraq
4	09:45	ICARPAS-PHYS-58	Biosynthesis Of Cadmium Oxide Nanoparticles (CdO NPS) Using Aqueous Rhizome Extract Of Curcuma For Biological Applications	Alaa Z. Skheel ^{1 a} , Muneer H. Jaduaa ² , Ahmed N. Abd ^{3 b}	1,2 Department of Physics, College of Science, Wasit University, wasit, Iraq. 3Physics Department/ College of Education/ AL-Mustansiriyah University, Baghdad, Iraq.
5	10:00	ICARPAS-PHYS-59	A Study of Optical and Dielectric Properties of (PVA/PEG: Sr ₂ NO ₃) Nanocomposites	Doaa E. Al-Kateb ^{1,a} , Ali R. Abdulridha ^{2,b}	1,2University of Babylon, Faculty of Education for Pure Science, Department of Physics, Iraq
6	10:15	ICARPAS-PHYS-71	Effect of Film Thickness On Some Physical Properties Of Sol-Gel Spin-Coated Cu ₂ ZnSnS ₄ Thin Films	Ali M. Hameed, Nabeel A. Bakr and Ziad T. Khodair	Department of Physics, College of Science, University of Diyala, Diyala, Iraq
7	10:30	ICARPAS-PHYS-85	Influence of the Incorporation of Silicon Dioxide Nanoparticles on Improved Performance of Carboxymethyl Cellulose Physical Characteristics	Yaqoob M. Jawad, Mahasin F. Hadi Al-Kadhemy, Jehan Abdul Sattar Salman, Farah Jawad Kadhum	Physics Department – College of Science – University of Diyala
8	10:45	ICARPAS-PHYS-88	Nanostructured CuO/ Si Junction Produced by a Simple and Environmentally Friendly Techniques for Optoelectronic Applications	Khalidah. H. Al-Mayalee	Department of Physics, Faculty of Education for Girls, University of Kufa, Najaf, Iraq
9	11:00	ICARPAS-PHYS-93	Study of Some Physical Properties of (Cd _{1-x} Zn _x O) Thin Films Prepared by Chemical Spray Pyrolysis Technique	Mohammed Mahmoud Abdelrahman, Jassim Mohammed Mansour and Firas Mahmoud Hady	Department of Physics, College of Science, University of Diyala. Iraq
10	11:15	ICARPAS-PHYS-109	Synthesis and enhancement of morphological and structural properties of zinc sulphide thin films nanoparticle for solar cell application	Salim Oudah Mezan, Abdullah Hasan Jabbar, Abdulkareem Thjeel Jabbare, Salih Meri Al Abs, M.S. Roslan, Mohd Arif Agam	UTHM: Universiti Tun Hussein Onn Malaysia

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Session 7 (Laser Physics)

Chairman: Assist. Prof. Dr. Ali Abdalsattar Alethari

Co-Chairman: Lec. Hassan Trekim

Date and Time: 25-3-2021, 1:00 -3:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	1:00	ICARPAS-PHYS-29	PVA Foam / Tri-Calcium Phosphate Nanocomposite Scaffold for Bone Tissue Engineering	Furqan S. Hashima, Wafaa A. Hussainb, Mukhlis M. Ismailc	Department of Applied Sciences, University of Technology, Baghdad-Iraq.
2	01:15	ICARPAS-PHYS-36	Simulation and Improvement of FeSi ₂ /Si Solar Cell By AFORS-HET Software	Haneen Waleed,1, a) Rafea.A. Munef,1, b) and Ayed N. Saleh2, c)	1) University of Kirkuk. Collage of Science. Department of Physics. 2) University of Tikrit. Collage of education pure Science. Department of Physics.
3	01:30	ICARPAS-PHYS-55	Refinement of product water resulting from the operation units of Samawah refinery using nano-oxides	Alaa J. Mohammed1, Jafer Fahdel Odah2 and Ahmed Namah Mohamed1, a)	1Al-Muthanna University, College of Science, Department of Physics, Samawa, IRAQ 2AlKarkh University of Science, Baghdad, IRAQ
4	01:45	ICARPAS-PHYS-64	Synthesis of (PVA/PEG: ZnO and Co ₃ O ₄) nanocomposites: characterization and antibacterial studies	Hanan H. Jassim1 and Fouad Sh. Hashim2	1,2Dep. of physics, college of education for pure science, university of Babylon, Iraq
5	02:00	ICARPAS-PHYS-66	Study the Structural and Mechanical Properties of the Cu-WC composite.	Eman J. Salih, Sabah Mahmoud Aman Allah, Salih Y. Darweesh	Physics Department, College of education for pure science, Kirkuk University
6	02:15	ICARPAS-PHYS-69	Structure and Optical Properties of Ag Content Polymeric Blend	Khalid Haneen Abass, Ashraq Mohammed Kadim	Department of Physics, College of Education for Pure Sciences, University of Babylon, Iraq
7	02:30	ICARPAS-PHYS-73	Synthesis and Structural Characterization of Nano-layers Prepared from Al-Ni-Cr Alloy for Reflectance Coatings	Huda R. Abdulridha Mohammed, Abdulazeez O. Mousa Al-Ogaili, Khalid Haneen Abass	Department of Physics, College of Science, University of Babylon, Iraq
8	02:45	ICARPAS-PHYS-77	Preparation and characterization of MAPbCl ₂ I perovskite and application as a photodetector	Mohammad Malik Abood, Aref S. Baron, Osama Abdul Azeez Dakhil	Department of Physics, College of Sciences, Mustansiriyah University, Baghdad, Iraq.
9	03:00	ICARPAS-PHYS-84	Effect of Milling Time and Boron Carbide Content on Some Physical and Mechanical Properties of an Aluminum-Based System	Ahmed M. Ibrahim, Sabah Mahmoud Aman Allah, Salih Y. Darweesh	Kirkuk University College of Education for Pure Sciences
10	03:15	ICARPAS-PHYS-124	Structural, and Electronic Properties of principles -firstZnX (X=S, Se, Te) by calculation	Iman A. Laim, Ahmed S. Jbara, and Hadey K. Mohamad	Al Muthanna University, College of Science, Department of Physics

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ICARPAS 2021



Session 8 (Optoelectronic Physics)

Chairman: Dr Salah Abdalkhidhir Hassan

Co-Chairman: Dr. Nuyha Majeed Hameed

Date and Time: 25-3-2021, 4:00 -6:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names (all)	Affiliation
1	04:00	ICARPAS-PHYS-06	The Spherical Aberration Correction by using Bending and Lens Splitting: A compression	Zahraa S. Alshaikhli,1, a) Wasan A. Hekmat,1 Ali H. Al- Hamdani,1 and Hussein T.Hashim2	1 Laser and Optoelectronics Engineering Department, University of Technology – Iraq, Baghdad, Iraq
2	04:15	ICARPAS-PHYS-07	Hybrid (Refractive/Diffractive) Intraocular Lens to Correct The Chromatic Aberration of White Eye Vision	Israa A. Ahmed 1, a and Ali H. Al-Hamdani 2, b	1,2 Laser and Optoelectronics Engineering Department, University of Technology, Baghdad, Iraq
3	04:30	ICARPAS-PHYS-16	Mach Zinder Photonics Crystal Fiber Interferometer Techniques for thin film thickness Measurement	Bushra R .Mahdi1,a , Nahla .A. Aljbar1,b, Jamal F.Hamoody1,c, Aseel I. Mahmood, Dunya A . J- Albazaz1	1Ministry of Science and Technology Laser and Optoelectronic center Iraq- Bagdad
4	04:45	ICARPAS-PHYS-17	Study adsorption ability of pure single walled carbon nano tube to detection some toxic gases using DFT calculation	Saad Abbas Jasim1), Eman Ahmed2), Saif M. Al-Ghazaly3), Mohammed A. Al-Seady4,a) and Hayder M. Abduljalil3)	1Kut University Collage- Department of Laser and Optical Electronic Engineering-Kut-Iraq
5	05:00	ICARPAS-PHYS-32	ANALYZE WATER SCARCITY IN BASRAH CITY VIA GEOINFORMATICS	Hassan J. Alatta1, a), Suhad Faisal Behadili2, b), Baqer (c ,1H. Sayyid	1University of Baghdad, College of Science, Remote Sensing and GIS Department, Baghdad, Iraq
6	05:15	ICARPAS-PHYS-39	The Effect of Focal Error on The Point Spread Function for Hexagonal Aperture	The Effect of Focal Error on The Point Spread Function for Hexagonal Aperture	1,2 University of Kufa _1, Physics, 54001, Najaf, Iraq.
7	05:30	ICARPAS-PHYS-47	Theoretical Study and Calculation of Electronic Current Flow at Platinum Metal Contact with TFP Molecule Systems	Hadi J. M. Al-Agealy1, Sarmad S. Al-Obaidi2,3, a), Saadi R. Abbas2	1Department of Physics, College of Education for Pure Science Ibn-ALHaitham, University of Baghdad, Baghdad-Iraq.
8	05:45	ICARPAS-PHYS-65	Effect of the polynomial parameters on the conversion process using a simplified flat model for northern parts of the Arabian Gulf.	Ali Abdulrazzaq Saud, Loay E. George, Baqer H. Sayyid	University of Baghdad, College of Science, Physics Department
9	06:00	ICARPAS-PHYS-96	Modeling of Asymmetric Rib SOI Waveguide for Optical Communications Applications	Hussein R. Sultan, Muwafaq F. Jaddoa and Firas Faeq K. Husain	Al Muthanna University
10	06:15	ICARPAS-PHYS-102	Simulating and Predicting of Urban Expansion in Al Najaf City Utilizing a CA-Markov Model	Ebtihal T AL – Khakani, Mohsin F AL – Ruwashdi	Department of Physics, College of Education for Girls, University of Kufa, Kufa, Iraq

Republic of Iraq

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Al-Muthanna University/ College of Science

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Session 1

Chairman: Assist. Prof. Dr. Khawla Kani

Co-Chairman: Assit Lec. Haider Radhi

Date and Time: (24-3-2021, 11:00 Am -1:00 pm)

No.	Time	Manuscript ID	Manuscript Title	Authors Names	Affiliation
1	11:00	ICARPAS-CHEM010	New Surface Active and Biological Active Compounds with Heterocyclic Core	Salih Mahdi Salman	Department of Chemistry- College of Medicine- University of Diyala
2	11:15	ICARPAS-CHEM022	Synthesis, Characterization and Cytotoxicity Activity of new Indole Schiff Bases	Atared Salih Hassan	University of Diyala, Faculty of Sciences, Department of Chemistry
3	11:30	ICARPAS-CHEM031	Synthesis, Spectral Characterization, Antioxidant And Anticancer Evaluation of 1,2,3-Trisubstituted- γ -Lactams	Abdulrhman Y. Khalifa	AlSafwa University College
4	11:45	ICARPAS-CHEM019	Synthesis, Characterization and Cytotoxicity Activity of New Compounds Derived from Adenine	Ghufuran Zaidan Hadi	University of Diyala, Faculty of Sciences, Department of Chemistry
5	12:00	ICRAPAS-CHEM056	Design, Synthesis and Evaluation In Vitro Antioxidant and Antibacterial Activities of Some New 1,2,3-Triazole Derivatives	Ali Razzaq	Al Muthanna University
6	12:15	ICRAPAS-CHEM065	Synthesis and Antimicrobial Activity of Silver (I) and Gold (I)-Bicarbene Complexes with Long N-Alkyl Chains.	Mohammed Z. Ghadhyeb	Department of Chemistry, Faculty of Science, University of Kufa, Najaf, Iraq.

Republic of Iraq
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Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 2

Chairman: Assist. Prof. Dr. Hassan Sabih

Co-Chairman: Dr. Muna Hasson

Date and Time: 24-3-2021, 3:00 -4:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names	Affiliation
1	3:00	ICARPAS-CHEM001	Chemical Oxygen Demand Prediction for the Moving Bed Biofilm Reactor Pilot Plant for domestic wastewater treatment using dimensional analysis	Saad Uffi Jebur	University of Baghdad-Engineering Collage Baghdad-Iraq
2	3:15	ICARPAS-CHEM002	Cloud Point Extraction and Spectrophotometric Determination of Trimethoprim Drug in Pharmaceuticals Preparation Through reaction with Co(II)	Asmaa Ahmed Mohammed Al-Ahmed Al-rashidy	Tikrit- Sulah aldein -Iraq
3	3:30	ICRAPAS-CHEM043	Spectrophotometric Quantification of Ce(IV) Using New Schiff Base Ligand of 2-((2-(biphenyl-4 yl)Imidazo[1,2-a]Pyridin-3 yl)Methyleneamino)Phenol	Suhair Yaseen	University of Baghdad-college of Science-Chemistry department
4	3:45	ICARPAS-CHEM036	Indirect Spectrophotometric Method for the Determination of Separated Sulfate from the Cement Samples	N. A. S. Dawood	university of Mosul/ PHD student
5	4:00	ICRAPAS-CHEM041	Spectrophotometric Method for the Simultaneous Determination of Pyridoxine Hydrochloride & Phenylephrine Hydrochloride Via H-point Standard Addition Method	Sara Abdullah Kamel	University of Tikrit. College of Science. Department of Chemistry
6	4:15	ICARPAS-CHEM042	Simple cloud point Extraction-spectrophotometric for the determination for lead (II) using 2-amino derivative-1,2,3-thiodiazole	Ahmed Abd Ali Hassoni	Babylon University

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 3

Chairman: Prof. Dr. Talib Abdhussain Moussa

Co-Chairman: Assit Lec. Murad Kider

Date and Time: 24-3-2021, 6:00 -7:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names	Affiliation
1	6:00	ICARPAS-CHEM027	Silica/tin composite for Brilliant blue and Methylene blue dyes removal : Modeling by Box-Behnken design	Haneen Majed Saheb, Kasim Mohammed Hello	Al Muthanna University
2	6:15	ICARPAS-CHEM064	Synthesis of Ag-nanoparticles and their application in treatment of waste water	Methaq I Abood	University of Basrah
3	6:30	ICARPAS-CHEM018	Preparation of a crude oil demulsifier from industrial wastes	Faris Al Allaf	Directorate of Materials Research – Ministry of Science and Technology
4	6:45	ICARPAS-CHEM024	Preparation and characterization of deep eutectic solvent: physical properties and electrochemical studies.	Bassam B Hasan	College of Science, Al- Nahrain University
5	7:00	ICARPAS CHEM053	Pomelo leaves extracts characterization and utilization as Eco- friendly corrosion inhibitor for carbon steel in different condition acidic media	Tahseen R. Ali	University of Alnahrain – College of Science – Department of chemisr
6	7:15	ICRAPAS-CHEM013	Utilization of Fuel Oil as a Fuel for Gasoline engine, A Review	Obed Majeed Ali/	Renewable Energy Research Unit, Northern Technical University, 36001 Kirkuk, Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 4

Chairman: Assist. Prof. Dr. Khawla Kani

Co-Chairman: Dr. Masar Ali Awad

Date and Time: 25-3-2021, 9:00 -10:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names	Affiliation
1	9:00	ICARPAS-CHEM007	Cellulose hydrolysis over Sodium Hydrogen Sulfate	Duha Majeed Hasan, Kasim Mohammed Hello	Al Muthanna University
2	9:15	ICARPAS-CHEM026	Heterogeneous photocatalytic degradation of phenol over Pd/rGO sheets	Abbas Al-Nayili	Al Diwaniyah, Iraq
3	9:30	ICARPAS-CHEM021	"Kinetic Adsorption of a Metformin Hydrochloride Drug from Aqueous Solutions on a [GO/ (AAC-MCC)] Composite"	Zainab Hashim Khudhair	University of Babylon
4	9:45	ICARPAS-CHEM044	Characterization and Isotherm Study Removal Chromium Ion by Adsorption onto Chitosan / Poly (Acryl Amide -Acrylic Acid) Hydrogels:	Layth S. Jasim	University of Al-Qadisiyah , Ad Dīwāniyah - Chemistry Department
5	10:00	ICRAPAS-CHEM050	Effective adsorption of Amoxicillin antibiotic from aqueous water with a Chitosan /poly(Acrylic amid-co-Acrylic acid) as adsorbent surface : characterization, isotherms kinetics and thermodynamics studies	Masar Ali Awad	Department of Chemistry, College of science , University of Al-Muthanna, Iraq
6	10:15	ICARPAS-CHEM066	Synthesis and characterization of polyacrylamide/crotonic acid and its composite with carbon nanotube and Rhodamine B	Hussein A. K. Kyhoiesh	Department of Chemistry, College of science , University of Al-Muthanna, Iraq

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Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 5

Chairman: Prof. Dr. Kasim M. Hello

Co-Chairman: Assist. Prof. Azal Shaker

Date and Time: 25-3-2021, 1:00 -2:30 pm

No.	Time	Manuscript ID	Manuscript Title	Authors Names	Affiliation
1	1:00	ICARPAS-CHEM032	Assessment of some Heavy Metals and Study some Physical and Chemical characteristics of drinking water in the Central Water purification Station , Samarra City, Iraq	Ameen Mohammed Mahdi	Tikrit University
2	1:15	ICARPAS-CHEM034	Synthesis, characterization, and structural studies of (2-chloro-4-methylphenyl) dithiocarbamate and development of the CPE method For the Determination of Lead	Abdul-Baqir J. Saadoun	University of Basrah collage of science chemistry department. Basrah, Iraq
3	1:30	ICARPAS CHEM054	Separation and Identification of Some Phenolic Compounds from Stem of Tamarix articulata (Vahl.) Shrubs Grown in Mosul Province and Study of their Antioxidant Activities.	Dheyaa Yahaia Alhameedi	Department of Chemistry, Faculty of Science, University of Babylon, HILLA, IRAQ
4	1:45	ICARPAS-CHEM058	Vitamin D3 status and insulin resistance in Iraqi patients with Osteoarthritis disease in Baghdad governorate-Iraq	Noor ThairTahir	National Diabetes center/ Mustansiriyah University, Baghdad, Ira
5	2:00	ICRAPAS-CHEM060	Estimation of polyamines levels in sera of Iraqi patients with inflammatory bowel disease.	Husham Shaker	University of Baghdad, Department of Chemistry, College of Sciences

Republic of Iraq

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Session 1 (Biotechnology)

Chairman: Assist Prof. Dr Ali Abdalhamza

Co-Chairman: Lec. Ibraheem Abulrasool

Date and Time: 24-3-2021, 11:00 AM -2:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	11:00	ICARPAS-BIO-08	The Effect Of Explore The Potential Use Of Ag NPs As Antimicrobial Agents In Oenology	Nawres Adnan , Thuraya Aamer ,Laila JasimShaebth	Al Furat Al Awsat technical university
2	11:15	ICARPAS-BIO-09	Optimization of Gold Nanoparticals synthesis from local isolate of E. coli and their activity as antibacterial	Lubna Abdulazeem and Frial G. Abd	DNA Research Center, University of Babylon, Iraq
3	11:30	ICARPAS-BIO-62	Evaluation of The Effectiveness of Goji Berries (Lycium Barbarum) Extract and some Nanoparticles on Biochemical Parameters of Male Rats	Oroba Bahjat Shihab, Mohammed Ahmed Jassim, Hashim Mohammed Zehraw	Department of Food Science, College of Agriculture, Tikrit University Tikrit, Iraq
4	11:45	ICARPAS-BIO-41	Isolation and Molecular Identification of A New Sordaria fimicola and Nigrospora sphaerica from stem of Prunus armeniaca.L Tree	Sarah. A. Alghanmi and Zeinab A. M. Al-tememe	Department of Plant Protection, Faculty of Agriculture, Kerbala University, Iraq)
5	12:00	ICARPAS-BIO-56	Inhibition of Protein and Lipid Oxidation of Beef Patties by Using Sumac Fruit Extract During Cold Storage	Alia Z. Hashim & Ward A.Fadhil	Food Science , Collage of Agric, Basra-Iraq
6	12:15	ICARPAS-BIO-105	Measurement PAHs Concentrations in Dust	Attalah M. Hameed ameen, Awaz B. Mohammed and Yasin H. Aoed	Department of Biology, College of Education for Women, Tikrit University
7	12:30	ICARPAS-BIO-115	Isolation and identification of locally produce polyhydroxybutyrate from animal manure using scanning electron microscopy	Wafaa mahdi alkoofee , karima akool	Department of chemistry, College of Science ,Al Muthanna University ,Muthanna Iraq
8	12:45	ICARPAS-BIO-50	Effect of Sodium Chloride on Acinetobacter baumannii growth and Lipopolysaccharide Components	Naghham Saadi Mohammed , Halah H. A-Haideri	Department of Biology, College of Science for Women, University of Baghdad, Baghdad, Iraq
9	1:00	ICARPAS-BIO-114	The role of K:Na ion antagonism on improving stomata growth and TaHKT2 gene expression in bread wheat (Triticum aestivum L.)	Fouad Razzaq A. Al-Burki, Doan Trung Luu, Caser Ghaafar Abdel and Reyam M. Mahmood	College of Agriculture and Desert Studies center&Sawa Lake, Al-Muthanna University, Iraq
10	1:15	ICARPAS-BIO-100	Detection of Chemical Compounds and Its Antioxidant Activity of Aniseeds Extract	Nael Mohammed Sarheed and Haider Salih Jaffat	Biology department, Science college, Al-Kufa university,Iraq
11	1:30	ICARPAS-BIO-103	Detection of E. Coli Using Nano Sensors Irradiated by Gamma	Hussein Abbas Hussein Alshihmani and Basim Abd Alhassan Almayahi	Department of Ecology, Faculty of Science,University of Kufa

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Session 2 (Molecular Biology)

Chairman: Assist. Prof. Dr. Nihad Ayal Muter

Co-Chairman Assist. Prof. Mohamed Qassim

Date and Time: 24-3-2021, 3:00 -5:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	3:00	ICARPAS-BIO-16	The Anti-cancer Effect of LaSota Strain of Newcastle Disease Virus (NDV) Against Iraqi Breast Cancer Cell Line AMJ13	Sana A. Ghali, Hayder Abdulhussein , Ali A. A. Ali	College of Science, University of Basrah, Basrah, Iraq
2	3:15	ICARPAS-BIO-24	Detection of Insertion/Deletion in MIF Introns in Rheumatoid Arthritis Patients and Healthy Persons in Iraq.	Ali Razzaq Hussein, Fatima Abdul_Hussein , Nawfal Hussein	Directorate of Education in AL-Najaf, Ministry of Education, AL-Najaf, Iraq.
3	3:30	ICARPAS-BIO-25	Detecting and Genotyping of HCV among Hemodialysis Patients in Diyala Governorate	Shahad Khudhaier Khalaf & Areej Atiyah Hussein	College of Medicine- University of Diyala, Diyala – Iraq
4	3:45	ICARPAS-BIO-65	Phenotypic and genotypic characterization of the hemolysin enzyme produced by Escherichia coli isolated from different sources	Karrar Ali Hussein & Azhar Noory Hussein	Department of Biology, College of Education, University of Al-Qadisiyah, Diwaniya , Iraq
5	4:00	ICARPAS-BIO-45	Molecular identification of Ganoderma species in Mosul Governorate, Northern of Iraq.	Hiba F.Saadoon , Shimal Y.Abdul-Hadi and Ayad Ch. Khorsheed.	Department of Biology, College of Education for Pure Sciences, Mosul University, Iraq.
6	4:15	ICARPAS-BIO-12	Interleukin 2-330 Single Nucleotide Polymorphism Association with Type 1 Diabetes in Iraqi Patients	Istabraq A. Al-Husseiny, Maysaa K. Al-Malkey , Ibtessam B Hassan, Ali A. Rabaan, Samer S. Kadhim and, Alaudeen S. Khlaf	Tropical Biological Research Unit, College of Science, University of Baghdad, Baghdad-Iraq
7	4:30	ICARPAS-BIO-40	Association of CYP27A1 and CYP27B1 genes polymorphisms with multiple sclerosis in Iraqi patients	Omar Muhammed & Salwa Al-Rubae'i	Department of Chemistry, College of Science, Mustansiriyah University, Bagdad-Iraq.
8	4:45	ICARPAS-BIO-64	Effect of Genotypes, Ethephone and Boron and Their Interaction on Sex Expression and Yield of Summer Squash	Ali H. Jasim, Abdoun H. Alwan and Susan M. Al – Rubaee	Dept., Agric. Coll., Al – Qassem Green University, Iraq
9	5:00	ICARPAS-BIO-68	Molecular Identification of Dermatophytes by Arbitrarily Primed Polymerase Chain Reaction	Basim M. Ibrahim, Rand R. Hafidh and Sarmad M. Zainy	Department of Microbiology, College of Medicine, University of Baghdad, Baghdad- Iraq.

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Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 3 (Plant)

Chairman: Prof. Dr. Faiq Hassan Ali

Co-Chairman: Assist. Lec. Imad A. Atiyah

Date and Time: 24-3-2021, 6:00 -8:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	6:00	ICARPAS-BIO-27	Nano Chelated Iron and Boron Effect on Their Rates of Absorption and Transport in the Moringa Plant.	Karrar, H. Ammoshand & Abdoun H. Alwan	Biology Department, College of Science, University of Kerbala, IRAQ
2	6:15	ICARPAS-BIO-59	Influence of salicylic acid on the physiological properties of two Petunia species	zahraa hamza ali & Faiq Hassan ali	Biology Department, Collage of Science, Al-Muthanna University, Almuthanna, Iraq
3	6:30	ICARPAS-BIO-80	Effect of Spraying Boron and Nano scale Calcium on the Physiological and Qualitative Characteristics of Date Palm Fruits Phoenix dactylifera L.CV. Sayer	ibtihaj Handil Altmimi & Zahraa Yahya Kadhem Sabih	Agriculture collage, Horticulture dept. Basra University, Iraq
4	6:45	ICARPAS-BIO-86	The effect of both Humobacter-A, spraying with nutrient solution and salicylic acid on vegetative characteristics of Barhi variety date palm offshoots tissue proliferating.	Prof. Kh. A. S.Al-Hamdani & M. N. H. Al-Jubouri	Ministry of Agriculture
5	7:00	ICARPAS-BIO-21	Correlation and Path Coefficient Analysis in Garlic (<i>Allium sativum</i> L.)	Kamal Benyamin Esho	Department of Horticulture and Landscape Design, College of Agriculture
6	7:15	ICARPAS-BIO-63	Effect of Foliar Application of Agrosol (as a source of CO ₂) On Growth of Rose Plant Seedlings	Alaa M. N. Almulla , Sabah A. Fleih, Sabah.alrubaay and Razzaq O. Idan	Faculty of Agriculture Karbala University
7	7:30	ICARPAS-BIO	Mechanical Properties of Epoxy Reinforced with Nut Husks and Date Palm Powder	Ahmed A. Taher , Ali Talib Abdalzahra and Al-Akaishi, Ahmed Salih	Mechanical of Engineering, University of Kufa
8	7:45	ICARPAS-BIO-69	Effect of Nanoparticle and Mineral Fertilization NPK on Some Growth Characteristics in Three Cultivar of Barley	Rasool Thamir AL-hassany, Falah Hasan Issa and Yahya Kridi Jalab	Al-Muthanna Agriculture Directorate, Iraq
9	8:00	ICARPAS-BIO-85	Effect of Humobacter-A and Spraying with Foliartal and Salicylic Acid on Vegetative Characteristics of Date Palm Seedlings.	Khaled Abdullah Sahar Al-Hamdani & Marwa Numan Hussein Al-Jubouri	Department of Horticulture and Landscape College of Agriculture, Samarra Universit
10	8:15	ICARPAS-BIO-55	Anticancer and Anti-angiogenesis Activity of Alkaloids and Essential oils from <i>Myrtus communis</i> .	Rawaa Fadhel Kadhem, Dr. Seyed Ali Hosseini Tafreshi and Dr. Hussein Kadhem Al-Hakeim	Ministry of Education, Al-Muthanna, Samawa, Iraq.

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 4 (Environmental Science)

Chairman: Assist. Prof. Dr Ibtihal Aqeel

Co-Chairman Assist. Librahim Abdalrasool

Date and Time: 24-3-2021, 6:00 -8:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	6:00	ICARPAS-BIO-01	The Carbon Footprint and Its Implications for City Sustainability Al-Karrada Al-Sharqiya as a Case Study	Estabraq Shawqi & Nada Khaleefah Mohammed	University of Baghdad/Center for Urban &Regional Planning for Postgraduate Studies
2	6:15	ICARPAS-BIO-33	Comparative Study of Heavy Metals Between Water and Sediment for Euphrates River in Al-Muthanna Province	Wassan Shaker , Ibtihal Aqeel and Ali Abdulhamza	College of Science / Al-Muthanna University/
3	6:30	ICARPAS-BIO-22	Use of fractional forest cover maps for detection of forest fires in the Brazilian Amazon	Ali Fadhil Hasan,Lilian Blanc, François Laurent, François Messner	College of Education for Humanity sciences, Al-Muthanna university
4	6:45	ICARPAS-BIO-47	Environmental pollution "Causes - Types - Effects"	Prof. Dr. Suaad Hadi Hassan Al-Taai	Department of History, College of Education Ibn Rushd for Humanities, University of Baghdad, Baghdad, Iraq
5	7:00	ICARPAS-BIO-44	Sand Bioconsolidation/Biosolidification by Microbially Induced Carbonate Precipitation Using Ureolytic Bacteria	Hussein J. Khadim, Shahlaa E.Ebrahim and Saad H. Ammar	Environmental Engineering Department, University of Baghdad, Baghdad, Iraq
6	7:15	ICARPAS-BIO-109	Evaluation of Treated Water Quality and Efficiency of Water Treatment Plants in Baghdad City Using Comprehensive Pollution and Water Quality Indices	Wisam Thamer Al-Mayah, Emad A. Mohammed Salih,Wisam Basim , Ali Abdulhamza Al-Fanharawi, Yahya Rady Karim and Ali Saleem Khuraywit	Department of Basic Science, College of Dentistry, University of Wasit, Iraq
7	7:30	ICARPAS-BIO-75	Sanitary Safety of Alssahirun Water Supply Plant and Residential Quarters Covered by Water Distribution Using NSFWQI model	Abdulazeez Y.T. Al-Saffawi, Manal A. A. Al-Hamadany and Yousef J.I Al Shaherey	Dept of Biolog, Coll. of Educt. For pure science Mosul University. Iraq.
8	7:45	ICARPAS-BIO-74	Using the WQI to assess water quality for drinking and civil purposes: A case study of water wells in Al-Shamsheyat village, southeast of Mosul. Iraq	Yasir A.J. Al-Taee and Abdul-Aziz Y.T. Al-Saffawi	Dept. of Biol, Coll. of Education for Pure Sci.University of Mosul, Mosul, Iraq
9	8:00	ICARPAS-BIO-87	Assessment of electrocoagulation treatment of textile wastewater using constant voltage and constant current modes: A comparative study	D R Hadi , S K Ajjam and F Y AlJaberi	Chemical Engineering Department, College of Engineering, University of Babylon, Babylon, Iraq
10	8:15	ICARPAS-BIO-97	Used Chemometric Method to Remove Safranin Dye by Nano Silica Gel	Mohanad Hazim Halboos Narjis Mohammed	University of Kufa, Najaf, Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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ICARPAS 2021



Session 5 (Physiology I)

Chairman: Assist Prof. Dr Raafat Abdalhassan

Co-Chairman: Lec. Hana Ali Azeez

Date and Time: 25-3-2021, 9:00 Am -11:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	9:00	ICARPAS-BIO-13	Assessment of Soluble Receptor for Advance Glycation End Product level in Patients suffering from Sickle Cell Anemia related with Nephropathy	Doaa amer Kadhim, Arshad Noori Al-Dujaili	University of Kufa College of Science
2	9:15	ICARPAS-BIO-19	Detection of Hepatitis B virus for Genotype B and C by using high resolution melting analysis	Rusul Muzher Hussein , Alaa Shawqi Abdulbari , Mohammed A.B. Al-Ayash	Department of Pharmacy/ Al-Esraa University collage/ Iraq
3	9:30	ICARPAS-BIO-57	Screening Tests Among Voluntary Blood Donors in Diyala Governorate	Fatimah Kadhim Ibrahim & Mazin Razooqi Mohammed	Medical Laboratory TechnologyDepartment, Bilad Al-Rafidain University College.
4	9:45	ICARPAS-BIO-32	High mobility group box protein-1 (HMGB1) level in gallstones patients	Suha Hussein Mohammed Arshad Noori Al-Dujaili and Waseem Ahmed ElKatib	Department of Medical LaboratoriesTechniques; Altoosi University College,Najaf, Iraq
5	10:00	ICARPAS-BIO-31	Macrophage inflammatory protein-1 beta (MIP-1b) level in gallstones patients	Suha Hussein Mohammed , Arshad Noori Al-Dujaili and Waseem Ahmed ElKatib	Department of Medical LaboratoriesTechniques; Altoosi University College,Najaf, Iraq
6	10:15	ICARPAS-BIO-73	Interleukin-33 is up-regulated in serum of asthma patients	Semaa A. Shaban , Suad A. Brakhas and Ali H. Ad'hiah	Biology Department, College of Science,Tikrit University, Tikrit, Iraq.
7	10:30	ICARPAS-BIO-93	Comparative Quantitative Assessment of Serum Soluble Fas and FasL between Urological Tumor Patients and Healthy Donors	Fouad Qasim Jubair Al-Zayadi, Ahmed Shayaa Kareem, Ali S. Shakir, Ifad Kerim Alshibly, Ammad Hasan Mahmood and Abdullah Hasan Jabbar	Optical Department, College of Health and Medical Technology, Sawa

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
Pure and Applied Science
ICARPAS 2021



Session 6 (Physiology II)

Chairman: Assist. Prof. Dr. Hana K. Shanan

Co-Chairman: Dr. Yassir Adel

Date and Time: 25-3-2021, 9:00 Am -11:00 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	9:00	ICARPAS-BIO-54	The effect of vitamin D3, progesterone hormone and its relationship with the level of white blood cells in women undergoing intracytoplasmic sperm injection (ICSI)	Dhirgam F.Hassan.Al Shimerty , Ali Jawad Alyasiri and Alaauldeen S. M. AL-Sallami	Pharmacology & Toxicology department , Faculty of Pharmacy, Kufa University, Iraq
2	9:15	ICARPAS-BIO-23	Effect of imidacloprid on the testicular activity and endocrine disruptive and its impact on fertility in albino male rats	Mohammed Sadeq Al-Awar	Department of Biology, Faculty of Applied Science, Amran University & Department of Medical Laboratory, Collage of Medical science, Al-Razi University, Yemen
3	9:30	ICARPAS-BIO-102	Toxicity And Blood Compatibility Of Graphene Oxide Nanoparticles: In-Vivo Study	Ameer Ali Imarah, Ali Hassan Abood and Majid Sakhi Jabir	Biology Department, Faculty of Science University of Kufa, Iraq.
4	9:45	ICARPAS-BIO-71	Evaluation of the Topical Healing Ability of Purified Exopolysaccharides (EPSs) from Enterococcus faecalis on skin wounds in Male Albino Mice	Saif Mazeel Abed, Prof. Dr.Rajwa Hasen Essa and Prof. Dr. Kadhim Hashim Yaseen Alaraji	Department of Medical Laboratories, College of Health and Medical Techniques, University of Sawa, Iraq
5	10:00	ICARPAS-BIO-07	Study the Effect of Ciprofloxacin on Cholinesterase in Different Organs of Mice	Aqeel H. Atallah	Department of anesthetic, College of Health and medical techniques, University of Al Zahraa for woman, Karbala, Iraq.
6	10:15	ICARPAS-BIO-58	Study the relationship between Hormone levels and Seminal Fluid Parameters in Oligospermia patients in Iraq	Halal Kamal Al-Qazzaz& Salwa Jaber Al-Awadi	Medical Laboratory/ College of Medical Sciences Technology/ University of Mashreq.
7	10:30	ICARPAS-BIO-30	Serum Levels of Anti-Hepatitis B Surface Antibody Among Vaccinated Children Aged 1 to 13 Years in Basrah Governorate Southern of Iraq	Douaa, Abdulrazzaq Kaleel, Hasan, Jaber Hason and Wijdan Nazar Almusawi	Microbiology Department, College of Medicine, University of Basrah, Basrah, Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
1st International Conference on Advanced Research in
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ICARPAS 2021



Session 7 (Immunology & Virology)

Chairman: Assist. Prof. Dr Kareema Al-Salihi

Co-Chairman: Dr. Dhay Ali Azeez

Date and Time 25-3-2021, 1:00 - 3:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	1:00	ICARPAS-BIO-101	Correlation between Human Parvovirus and Anemia in Pregnant Women in Najaf Governorate	Faten Abed AL-Kadhem Khalaf Aldawmy and Saif Jabbar Yasir	Faculty of Pharmacy, University of Alzahraa, karbala, Iraq
2	1:15	ICARPAS-BIO-26	Immunological detection of Rubella virus in aborted women of Al-Muthanna Province	Wafaa Ayad, Sarah Zegheer, Hawraa Aqeel, Mohammed Qasim and Ahmed A . Al Nuaimy	College of Science / Al-Muthanna University/ Al-Muthanna/Iraq
3	1:30	ICARPAS-BIO-35	Association the Level of Some Immunological Parameters With Development of Bacterial Skin Infection in Atopic Dermatitis Patients	Zahra .H. AL_ Wazni , Wafaa S. Al-Wazni , Ali A. Al. Hisnawi	Biology Department College of Science Kerbala University
4	1:45	ICARPAS-BIO-36	Study Some Immunological Parameters in Pediatric Meningitis	Azhar Al-Thahab and Noor Al-Azai	Department of Biology College of Science University of Babylon
5	2:00	ICARPAS-BIO-94	Study the Association of Adenovirus in Children Infected with Acute Gastroenteritis in Baghdad City	Musa K. Al-Janabi, Saife D. Al-Ahmer, ,Ali D. Al-ganabi,, Iman M. Aufi,	Musayyib General Hospital, Babylon Health Director, Ministry of Health.
6	2:15	ICARPAS-BIO-72	Evaluation the boric acid effect toward the immune response in Mice injected with Vibrio alginolyticus antigen	Saif M. Abed, Hussein T. Abdulabbas and Luma H. Ali	Department of Medical Laboratories /College of Health and Medical Techniques / University of Sawa
7	2:30	ICARPAS-BIO-48	COVID-19's pandemic effects on smokers: A minireview	Abdullah Mohammed Abdulkarim, Mustafa Salim Ibrahim, Majid Mohammed Mahmood	Clinical Biochemistry. Religious Education and Islamic, University of Anbar, Al-Ramadi Governorate, Iraq.
8	2:45	ICARPAS-BIO-28	Adhesion and Quantitative Role of Biofilms in Multiple Antibiotic Resistance of Pseudomonas aeruginosa Isolated From Different Clinical Infections	Ahmed Yas Saeed, Sabah Ahmed Naif Aljubori, Mahmood Khalaf Saleh, Mostafa Qahtan Mostafa, Nedaa Wasmi Shehab and Abdullah Dhahir Abdullah Mohammed	Department of Biology, College of Education for Pure Sciences - University of Tikrit.
9	3:00	ICARPAS-BIO-49	The Role of Some Immunological and Hematological Aspects in Patients Infected with COVID-19 in Al-Anbar Province	Hazima Mossa ALabassi,Dheyauldeen Aftan Hamad Al-hayani,Omar I. Al-jumaili and Manar Moshref Jasem Mohammed	University of Baghdad , college of Education for Pure Science, Ibn Al-haitham-Iraq.

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ICARPAS 2021



Session 8 (Microbiology I)

Chairman: Assit. Prof. Dr Fuad Razaq

Co-Chairman: Assist. Pof. Maytham Abass Maki

Date and Time: 25-3-2021, 1:00 -3:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	1:00	ICARPAS-BIO-52	Bioremediation of Contaminated Soil with Crude Oil Using Two Different Bacteria	Ahmed Mohamed Taher & Ibrahim Omar Saeed	Department of Biology, College of Science, University of Tikrit
2	1:15	ICARPAS-BIO-53	Role of Escherichia coli bacteria in the synthesis of gallstones of Al-Muthanna Province patients	Khudair Abbas Kadhim & Maytham Abas Makki	College of Science, Al-Muthanna University Al-Muthanna, Iraq
3	1:30	ICARPAS-BIO-50	Effect of Sodium Chloride on Acinetobacter baumannii growth and Lipopolysaccharide Components	Naghham Saadi Mohammed & Halah H. A-Haideri	Department of Biology, College of Science for Women, University of Baghdad
4	1:45	ICARPAS-BIO-66	Bacterial Infection in hemodialysis patients bacteremia and urinary tract infection	Mohammed Khalid Mohammed & Halah Abdulkhaleq awadh	Department of Medical Laboratory Techniques, Technical Institute/mosul, Northern Technical University Nineveh Governorate, Iraq
5	2:00	ICARPAS-BIO-113	Evaluation of Bactericidal and Bacteriostatic Potentials of Leaves and Stem Bark of Diospyros mespiliformis against Clinical and Foodborne Bacterial Pathogens	Shu'aibu Isa, Hana Kadum Shanan, Lawal Garba, Jabir Hamza, Kabiru, Mustapha Yakasa., Gurama Abubakar Gurama Maryam Ahmad Abubakar. Muhd Tukur Adamu. Ahmad Mani Mallam. Tasiu	Department of Microbiology, Gombe State University, Gombe State, Nigeria
6	2:15	ICARPAS-BIO-29	Fighting Persister Cells and Biofilm of Klebsiella pneumoniae by Indole	Sarah Naji Aziz and Mohammed F. Al Marjani	Mustansiriyah University
7	2:30	ICARPAS-BIO-46	Antimicrobial Activity of Hibiscus Sabdariffa L. and Brassica oleracea L. Extracts against some G ⁻ Ve and G ⁺ Ve Strains isolated from Rheumatoid Arthritis Patients	Zahraa AbdAl Razaq, Hasanain Khaleel Shareef, and Huda Jasim M. Altameme	Department of Biology, College of Science for women, University of Babylon, IRAQ
8	2:45	ICARPAS-BIO-38	Detection of Salmonella spp bacteria in food and study their resistance in vitro	Mohammed Mosa Jafaar, Haider Khadum Hussain, Khetam H.Rasool and Mustafa Hasan Zainel	Agricultural Research Directorate, Ministry of Science and Technology
9	3:00	ICARPAS-BIO-51	Investigation the antimicrobial and anticancer action of Spirrulina hexan extract	Amna, Al Hashimi, Ghidaa, H. AL-Rubaiee and Neihaya*,H. Zaki	Biology department, College of Science, Mustansiriyah University Baghdad/ Iraq

Republic of Iraq
Ministry of Higher Education & Scientific Research
Al-Muthanna University/ College of Science
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Pure and Applied Science
ICARPAS 2021



Session 9 (Microbiology II)

Chairman: Assist. Prof. Dr. Ali Abdalhamza

Co-Chairman: Dr. Haider Slaman

Date and Time: 25-3-2021, 4:00 -6:30 pm

No	Time	Manuscript ID	Title	Researcher Name	Affiliation
1	4:00	ICARPAS-BIO-77	Peganum Harmala extract suppress the activity of SEA gene in staphylococcus aureus	Aya. K. Moaan , Laith AH ALObaidi and Faiq Hassan Ali	Department of Biology, College of Science, AL Muthanna University
2	4:15	ICARPAS-BIO-84	Isolation and Identification of Microsporium canis from Pet Animals in Baghdad province	Nashwan Mohammad Ali & Shaimaa NabhanYassein	Department of Microbiology, College of Veterinary Medicine ,University of Baghdad, Iraq.
3	4:30	ICARPAS-BIO-70	Antibacterial Effect on biofilm formation for bacteria isolated from UTI in Babil province	Ayad Nahy Turkey, Qassim Najim Thweni and Zainab Mohammed Jassim	Ministry of Higher education and Department of biotechnology, College of Biotechnology, University of Al-Qasim Green, Hilla
4	4:45	ICARPAS-BIO-90	Study the Effect of Zinc Oxide Nanoparticles and Dianthus Caryophyllus L. Extract On Streptococcus mutans Isolated From Human Dental Caries In vitro	Arshad Mahdi Hamad & Qanat Mahmood Atiyea	Department Of Biology- College of Science, Tikrit University, Salah Eldin
5	5:00	ICARPAS-BIO-107	Evaluation of the effectiveness of some detergents and disinfectants against Staphylococcus aureus isolated from Kirkuk schools	Shymaa Hasan and Aylan Arslan Ali	Education Directorate Kirkuk
6	5:15	ICARPAS-BIO-43	Study of Cholera in Al-Muthanna Province	Alaa K. Hameed, Hasan Raheem Khudhur, Noor Ali Mahdi, Mohenned A. Alsaadawi and Ahmed Shayaa Kareem	College of Health and Medical Technology, Sawa University, Samawah, Iraq
7	5:30	ICARPAS-BIO-61	Comparing Diverse Macrofungal Assemblages Associated with Various Litter Microhabitats Supporting by Molecular Data in the Ozark Mountain Forest	Rajaa A. Al Anbagi, Fakhir E. Alshuwaili and Steven L. Stephenson	Department of Biological Sciences, University of Arkansas, Fayetteville, Arkansas, 72701, USA
8	5:45	ICARPAS-BIO-34	Fungal Screening of Women Shoulder Handbags with Special Reference to Get Rid of Aspergillus niger via Essential Oil Vapours	Salah Mahdi Al-Bader & Nyan Jasim Mohammed	Department of Medical Laboratory Science, College of Science, Knowledge University, Kurdistan
9	6:00	ICARPAS-BIO-42	Laboratory evaluation of the aphidicidal activity of some entomopathogenic fungal culture filtrate against aphid Schizaphis graminum	Kadhom Albehadli & Ahmed Saeed Mohamed	College of Agriculture, University of Kerbala,
10	6:15	ICARPAS-BIO-111	Relationship between Vitamin D Deficiency and Tuberculosis	Noor Sami AL- Lebawy, Hedaa M. Nahab and Nuha Mohammed Mousa	College of Science, Al-Muthanna University, Iraq



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