



**THE SEVENTH EARLY CAREER RESEARCHERS CONFERENCE  
FOR BASIC SCIENCES, ENGINEERING, AND COMPUTER AND  
INFORMATION SCIENCE**






**ECC-SEC 2022**

**SOUTH VALLEY UNIVERSITY, SEPT. 27-28**



**CONFERENCE PROGRAM**

**The Seventh Early Career Researchers Conference for Basic Sciences,  
Engineering, and Computer and Information Science  
ECC-SEC 2022  
Under the patronage of**

	<p><b>Prof. Dr. Youssuf Gherbawy</b> University President</p>
	<p><b>Prof. Dr. Ahmed Akawy</b> Vice President for Postgraduate and Research Affairs</p>
	<p><b>Prof. Dr. Gamal Tag Abdul-Jaber</b> Dean of Engineering Faculty Conference Chairman</p>
	<p><b>Prof. Dr. Khaled Ebnalwaled Abdel Fattah</b> Dean of Faculty of Science Honor Conference Chairman</p>
	<p><b>Prof. Dr. Alaa Sadik</b> Dean of Computer and Information Faculty Honor Conference Chairman</p>



The Seventh Early Career Researchers Conference for Basic Sciences, Engineering,  
and Computer and Information Science (ECC-SEC 2022)

South Valley University, Qena, Egypt, Sept. 27-28

<https://www.svu.edu.eg/en/csec/>



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## ECC-SEC 2022 Conference Program

### Conference Main Schedule Day-1: **Tuesday, September 27, 2022**

09:00 AM – 10:00 AM	Conference Registration		
10:00 AM - 11:30 AM	Opening Ceremony Main Hall		
11:30 AM - 12:00 AM	Keynote Speech I NTI Scholarships and Training Activities Assoc. Prof. Hany Ahmed Atallah and Dr. Fayrouz Mahmoud, NTI Main Hall		
12:00 PM - 12:30 PM	Keynote Speech II How to Get Your Research Published in a Research Journal Assoc. Prof. Hamouda M Mousa, SVU Main Hall		
12:30 PM - 01:00 PM	Coffee Break		
01:00 PM - 03:30 PM	Technical Session (I) Main Hall	Technical Session (II) Hall (B)	Technical Session (III) Hall (A)

### Conference Main Schedule Day-2: **Wednesday, September 28, 2022**

08:30 AM -09:00 AM	Conference Registration		
09:00 AM - 09:30 AM	Keynote Speech III Laser-assisted doping of graphene for transparent conducting electrodes Dr. Amr Attia Abuelwafa, SVU Main Hall		
09:30 AM - 10:00 AM	Keynote Speech IV Surface Modifications of Biomedical Devices Assoc. Prof. Abdalla Abdal-hay, SVU Main Hall		
10:00 AM - 12:30 AM	Technical Session (IV) Main Hall	Technical Session (V) Hall (B)	Technical Session (VI) Hall (A)
12:30 AM - 01:00 PM	Coffee Break		
01:00 PM - 01:30 PM	Keynote Speech V Egypt climate vulnerabilities and risk areas Dr. Ahmed ElSheikh, SVU Main Hall		
01:30 PM - 02:30 PM	Closing Ceremony Main Hall		



## Technical Session (I)

<b>Faculty:</b>	Faculty of Science
<b>Session Title</b>	Chemistry, Geology, and Physics
<b>Room:</b>	Main Hall
<b>Date:</b>	September 27, 2022
<b>Time:</b>	1.00 PM – 3:30 PM
<b>Session Committee:</b>	Prof. Hesham Ahmed Hussin Ismaiel (Chairman) Prof. Hemmat Mohamed Dardeer (Member)
<b>Number of Papers:</b>	10

Paper ID	Time	Paper Title
ECC-SEC 103	1.00 PM – 1.15 PM	<b>Salicaldehyde as a Carbonyl Component in 1,3-Dipolar Cycloaddition</b>  <u>Ahmed G. Taha</u> , Hemat M. Dardeer, Mostafa F. Aly
ECC-SEC 104	1.15 PM – 1.30 PM	<b>Effect of titanium dioxide nanoparticles and <math>\beta</math>-cyclodextrin polymer on physicochemical, antimicrobial, and antibiofilm properties of a novel chitosan-camphor polymer</b>  Hemat M. Dardeer, <u>Safaa A. Abbas</u> , Gharieb S. El-Sayyad, and Moustafa F. Ali
ECC-SEC 110	1.30 PM – 1.45 PM	<b>Algae mediated synthesis and characterization of some semiconductor metal sulfide nanoparticles</b>  Ibrahim M. A. Hasan, <u>Ahmed R. Tawfik</u> , Fawzy H. Assaf
ECC-SEC 112	1.45 PM – 2.00 PM	<b>Suitability of Nubia Sandstone for Use as a Lining Material in the National Canal Lining Project, Central Eastern Desert, Egypt</b>  Hesham A.H. Ismael, Mohamed M. Askalany, and <u>Ali I. Ali</u>
ECC-SEC 113	2.00 PM – 2.15 PM	<b>Synthesis, In silico Molecular Docking and Antibacterial Evaluation of Some New Quinazolin-2,4-dione Derivatives</b>  <u>Mohamed Omar</u> , Aboubakr H. Abdelmonsef, Mohamed M. Taha, Ahmed M. Abo-Bakr
ECC-SEC 118	2.15 PM – 2.30 PM	<b>Facile synthesis of Nanocrystalline hydroxyapatite as a robust catalyst for the production of trans-2-butene and methyl ethyl ketone biofuels</b>  <u>Mahmoud Nasr</u> , Samih A. Halawy, Adel Abdelkader



<p>ECC-SEC 124</p>	<p>2.30 PM – 2.45 PM</p>	<p><b>Synthesis of New Polyfunctionally Substituted Pyridine, Pyrimidine and thiophene from Sulfamethoxazole</b></p> <p>A.M. Hussein, Awatef M. Elmaghraby, <u>M. Eltayeb</u>, I.A. Mousa</p>
<p>ECC-SEC 125</p>	<p>2.45 PM – 3.00 PM</p>	<p><b>Voltammetric Detection of Ciprofloxacin Based on Carbon Paste Electrode Modified by CaO Nanoparticles Extracted from Eggshell Recycling and its Application in Drugs and Biological Samples</b></p> <p>Hytham. F. Assaf, <u>Ahmed. A. Shamroukh</u> , E. M. Rabie, M. Khodari</p>
<p>ECC-SEC 127</p>	<p>3.00 PM – 3.15 PM</p>	<p><b>Synthesis and characterization of some transition metal ions of isonicotinic acid (2-hydroxy-3-methoxybenzylidene) hydrazide (L) Schiff base ligand</b></p> <p><u>Hussin Elkik</u>; Heba Nassar; Moustafa H. M. Abou-El-Wafa</p>
<p>ECC-SEC 149</p>	<p>3.15 PM – 3.30 PM</p>	<p><b>Structural, optical and thermal of newly fabricated B<sub>2</sub>O<sub>3</sub> – PbO – Na<sub>2</sub>O – Sm<sub>2</sub>O<sub>3</sub></b></p> <p><u>Heba Moastafa</u> Ali, Mohammed Ezzeldien, Khalad Salaheldin, Mohammed Mhamed Nassery</p>



## Technical Session (II)

<b>Faculty:</b>	Faculty of Science
<b>Session Title</b>	Physics and Mathematics
<b>Room:</b>	Hall (B)
<b>Date:</b>	September 27, 2022
<b>Time:</b>	1.00 PM – 3:30 PM
<b>Session Committee:</b>	Prof .Shaban Ramadan Mohamed Harb (Chairman) Prof. Mosa Khalifa Ahmed Mouhammed (Member)
<b>Number of Papers:</b>	10

Paper ID	Time	Paper Title
ECC-SEC 102	1.00 PM – 1.15 PM	<b>Bayesian Inference for Weibull Inverted Exponential Distribution on Constant-Stress Partially Accelerated Life Test under Progressive Censoring</b>  <u>Abdullah Fathi Abdelfatah Abdelmageed</u>
ECC-SEC 106	1.15 PM – 1.30 PM	<b>On the solution theory of self-adjoint Caputo-type fractional Hahn difference operators</b>  <u>Elsaddam A. Baheeg</u>
ECC-SEC 107	1.30 PM – 1.45 PM	<b>Simplified method for predicting vibration behavior of an isotropic cylindrical panel with variable curvature</b>  <u>A. Badry</u> , A. Safwat, M. Khalifa
ECC-SEC 111	1.45 PM – 2.00 PM	<b>Effect of composition and preparation condition on As-Se system studied by Reverse Monte Carlo modeling</b>  M. Dongol, A.F. Elhady, <u>E. Toliba</u>
ECC-SEC 119	2.00 PM – 2.15 PM	<b>Influence of annealing temperature on structural and optical properties of Nanocrystalline of Titanium phthalocyanine chloride (TiPcCl<sub>2</sub>) thin films</b>  <u>Sabrieh Mahmoud Elkashif</u> , M.Dongol, A.F. Elhady, Sahar Elnobi, A.A. Abuelwafa



<b>ECC-SEC 122</b>	2.15 PM – 2.30 PM	<b>Human identity verification based on retinal features</b>  Mohamed A. El-Sayed, <u>Mohammed A. Abdel-Latif</u>
<b>ECC-SEC 130</b>	2.30 PM – 2.45 PM	<b>Using meteorological parameters to estimate ultraviolet-B irradiation in a subtropical region (Qena, Egypt)</b>  M. El-Nouby; <u>E. Ramadan</u> ; A. Abdel Elal; B. Noby
<b>ECC-SEC 134</b>	2.45 PM – 3.00 PM	<b>Studying the composition and the ligand field parameters of nickel ions in borate glass system</b>  <u>Esraa A. Gaber</u> ; E.M Saad; Abd El-razek Mahmoud; S.A. Hussien
<b>ECC-SEC 135</b>	3.00 PM – 3.15 PM	<b>Monocrystalline Photovoltaic Devices for Indoor Light Harvesting: Characterization and Evaluation</b>  <u>Tarek.M.Hammam</u> , M.S. Abd El-sadek, and A.A.Abuelwafa, H. S. Wasly
<b>ECC-SEC 148</b>	3.15 PM – 3.30 PM	<b>Application of Copper oxide nanoparticles in broiler diets for sustainable meat production under Climate change conditions: A Review and Case study</b>  <u>Doha A. Mohamed</u> , M. S. Abd El-sadek, and Ahmed A.A. Abdel-Wareth



### Technical Session (III)

<b>Faculty:</b>	Faculty of Engineering	
<b>Session Title</b>	Mechanical Engineering	
<b>Room:</b>	Hall (A)	
<b>Date:</b>	September 27, 2022	
<b>Time:</b>	1.00 PM – 3:30 PM	
<b>Session Committee:</b>	<b>Assoc. Prof. Hussein M. Maghrabie</b>	(Chairman)
	<b>Assoc. Prof. Abdalla Abdal-hay</b>	(Member)
	<b>Assoc. Prof. Hamouda M Mousa</b>	(Member)
<b>Number of Papers:</b>	10	

Paper ID	Time	Paper Title
ECC-SEC 101	1.00 PM – 1.15 PM	<b>Exergy and exergoeconomic analysis of cogeneration in a pulp and paper industry</b>  <u>Ramadan Hefny Ali</u> , Ahmed A. Abdel Samee, Hussein M. Maghrabie
ECC-SEC 105	1.15 PM – 1.30 PM	<b>The Effect of Introducing Hydroxy Gas on the Performance of Electronic Diesel Injection Engine</b>  <u>Haroun Hassan</u> , Haytham Belal, Mohamed M.Khodary
ECC-SEC 108	1.30 PM – 1.45 PM	<b>A Survey on Pitch Angle Control techniques for Wind Turbines</b>  <u>Asmaa G.Ameen</u> , I.Hamdan, Shuaiby Mohamed, GT Abdel-Gaber
ECC-SEC 128	1.45 PM – 2.00 PM	<b>Thermal evaluation of a sugar cane factory</b>  <u>Mohamed Y. Khalil</u> , Mostafa Abouelsoud, and Hussein M. Maghrabie
ECC-SEC 139	2.00 PM – 2.15 PM	<b>Review on Natural Fiber-Reinforced Polymer Composites and Their Applications</b>  <u>Mustafa Gamal Sadek</u> , Mohammed Y. Abdellah and G. T. Abdel-Jaber
ECC-SEC 143	2.15 PM – 2.30 PM	<b>A review of pulsating impinging jet on heat transfer enhancement</b>  <u>M. Abdelfattah</u> , Mohamed Aziz, and Hussein M. Maghrabie



ECC-SEC 153	2.30 PM – 2.45 PM	<p><b>Jet impingement heat transfer on a flat using a free circular air jet</b></p> <p><u>Mostafa M. Osama</u>, H.E.Fawaz and Hussein M. Maghrabie</p>
ECC-SEC 154	2.45 PM – 3.00 PM	<p><b>Performance Evaluation of Underground car park ventilation systems</b></p> <p><u>Khaled A. Ahmed</u>, Mostafa abouelsoud and Ahmed N Shmroukh</p>
ECC-SEC 159	3.00 PM – 3.15 PM	<p><b>Evaluation of the performance of parabolic trough solar collector</b></p> <p><u>Mohamed R.Abd-Elradv</u>, Mostafa Abouelsoud, and Gamal Tag Abdel-jaber</p>
ECC-SEC 162	3.15 PM – 3.30 PM	<p><b>Experimental Study on Heat Transfer by Movable Air Jet Impingement on a Flat Plate</b></p> <p><u>A. Abo El –Wafa</u>, Ahmed N. Shmroukh, M. Attalla, Hussein M. Maghrabie</p>



## Technical Session (IV)

<b>Faculty:</b>	Faculty of Engineering
<b>Session Title</b>	Electrical Engineering
<b>Room:</b>	Main Hall
<b>Date:</b>	September 28, 2022
<b>Time:</b>	10:00 AM – 12:30 PM
<b>Session Committee:</b>	<b>Assoc. Prof.</b> Essam E. M. Mohamed (Chairman) <b>Assoc. Prof.</b> Mohamed Ali Mohamed Ismeil (Member)
<b>Number of Papers:</b>	12

Paper ID	Time	Paper Title
ECC-SEC 120	10.00 AM – 10.15 AM	<b>A Review of Solar PV Systems via Hosting Capacity Methods</b>  I. Hamdan, <b>Ahmed.Alfouly</b> , and Mohamed Ismeil
ECC-SEC 137	10.15 AM – 10.30 AM	<b>Combined Heat and Power Economic Dispatch Solution by Grey Wolf Optimizer</b>  Mahmoud Rihan, <b>Mosaed Elnaka</b> , Adel B. Abdel-Rahman, and Mohamed Ebeed
ECC-SEC 144	10.30 AM – 10.45 AM	<b>Efficiency improvement of PV systems using automated cooling and solar tracking systems: A review</b>  <b>Ahmed Hassan Hamed</b> ; Abdel Nasser Ahmed Sharkawy; Hussein M. Maghrabie
ECC-SEC 145	10.45 AM – 11.00 AM	<b>Photovoltaic panels performance enhancement using cooling methods: A review</b>  <b>Mahrousa M. Abdeltwab</b> ; Mohamed Hamam M.Tawfik; Hussein M. Maghrabie
ECC-SEC 146	11.00 AM – 11.15 AM	<b>Blind Screen Content Images Quality Assessment Based on Pseudo Reference Image and Deep Learning</b>  <b>Basma Ahmed</b> , Osama A. Omer, Amal Rashed, Mohamed Abdel-Nasser



ECC-SEC 150	11.15 AM – 11.30 AM	<b>Advanced MPPT Technique based on absolute Function for Grid Connected Wind Energy Conversion System</b>  Eman Radwan, Salah Kamel, Loai Nasrat, and Abdel-Raheem Youssef
ECC-SEC 151	11.30 AM – 11.45 AM	<b>Parameters Determiration of Photovoltaic panels Using different Methods</b>  <u>Yasmine Fadel</u> , Abdel-Raheem Youssef, Salah Kamel, and Loai Nasrat.
ECC-SEC 152	11.45 AM – 12.00 PM	<b>Minimization of Carbon emission based daily scheduling towards hydro-thermal- Photovoltaic generation system</b>  <u>Nermeen Adam</u> , Abdel-Raheem Youssef and M.S. Abd El-sadek.
ECC-SEC 156	12.00 PM – 12.15 PM	<b>Review of Distributed power electronics solutions for PV Generation systems</b>  <u>Mostafa M. H. Omar</u> , Ahmed Ismail M. Ali and Abdel-Raheem Youssef
ECC-SEC 157	12.15 PM – 12.30 PM	<b>High definition antenna used for IOT healthcare application</b>  <u>Merna mohamed abdelstatar</u> , Hany A. Atallah Adel B. Abdel-Rahman
ECC-SEC 158	12.30 PM – 12.45 PM	<b>Long-term Solar PV Output Power Forecasting Using Recurrent Neural Network</b>  <u>Mustafa M. Ali</u> , Abdel-Nasser Sharkawy, Hossam H. H. Mousa Ahmed S. Ali and G. T. Abdel-Jaber



## Technical Session (V)

<b>Faculty:</b>	Faculty of Engineering
<b>Session Title</b>	Civil and Computers Engineering
<b>Room:</b>	Hall (B)
<b>Date:</b>	September 28, 2022
<b>Time:</b>	10.00 AM – 12:45 PM
<b>Session Committee:</b>	<b>Assoc. Prof. Farag Khodary</b> (Chairman) <b>Dr. Samih Mohammed Mostafa Said</b> (Member)
<b>Number of Papers:</b>	11

Paper ID	Time	Paper Title
ECC-SEC 114	10.00 AM – 10.15 AM	<b>4D Range Sensors Detection, Registration and Modeling of Defects: A Review</b>  M. Saleh Sedek, <u>O. M. Fakhry</u> , and A. Serwa
ECC-SEC 116	10.15 AM – 10.30 AM	<b>Optimization of Off-Grid Wind Energy System for Remote Egyptian Area</b>  <u>Marwa M. Ibrahim</u>
ECC-SEC 117	10.30 AM – 10.45 AM	<b>4D Digital Modeling of Historical Architecture to Reserve the National Culture Heritage: A Review</b>  M. Saleh Sedek, <u>Tarek S. Mahioub</u> , and A. Serwa
ECC-SEC 121	10.45 AM – 11.00 AM	<b>Enhanced deep convolutional neural network for handwritten digits classification</b>  Adel Bedair, Mohamed Hassan Essai, Yasser Moahmed Assem, <u>Samar Hashim Ali</u>
ECC-SEC 123	11.00 AM – 11.15 AM	<b>Comparison between the performances analysis of different novel activation functions in LSTM base classifiers for classification</b>  Mohamed H. Essai Ali, Adel B. Abdel-Rahman, and <u>Eman A. Badry</u>
ECC-SEC 126	11.15 AM – 11.30 AM	<b>Automatic Modulation Classification: Convolutional Deep Learning Neural Networks Approaches</b>  Mohamed Hassan Essai Ali, <u>Mona Lotfy Mohamed</u> and Hany A. Atallah



<p><b>ECC-SEC 129</b></p>	<p>11.30 AM – 11.45 AM</p>	<p><b>COVID-19 Detection Using Convolutional Neural Networks and Medical Images</b></p> <p><u>Reda M. Ahmed</u>, Hammam Alshazly, Hillal M. Elshehabey, and Mohammed Kayed</p>
<p><b>ECC-SEC 131</b></p>	<p>11.45 AM – 12.00 PM</p>	<p><b>An experimental investigation of hybrid groins used for fish habitat enhancement</b></p> <p><u>Asmaa M. Ameen</u>, Mona M. Mostafa, Hassan Ibrahim and Hassan S. Ahmed</p>
<p><b>ECC-SEC 133</b></p>	<p>12.00 PM – 12.15 PM</p>	<p><b>Lossless Medical images compression using Deep learning</b></p> <p><u>Asmaa Mostafa Aboelmajd Mahmoud</u>, Elmomery allam zanaty, Mohammed ramadan saady, Amal ahmed mohamed</p>
<p><b>ECC-SEC 147</b></p>	<p>12.15 PM – 12.30 PM</p>	<p><b>Scour measurement around L-head deflectors</b></p> <p><u>Heba Elsaman</u>, Mona M. Mostafa and Hassan Ibrahim</p>
<p><b>ECC-SEC 155</b></p>	<p>12.30 PM – 12.45 PM</p>	<p><b>Generalization of Convolutional Neural Networks for Skin Cancer Detection</b></p> <p><u>Hellana Rafat Tamer</u>, Elnomery Allam Zanaty, Amal Rashed<sup>3</sup></p>



## Technical Session (VI)

<b>Faculty:</b>	Faculty of Science
<b>Session Title</b>	Botany and Zoology
<b>Room:</b>	Hall (A)
<b>Date:</b>	September 28, 2022
<b>Time:</b>	10.00 AM – 12:30 PM
<b>Session Committee:</b>	Prof. Wesam Mohamed Ali Mahmoud Salem (Chairman) Prof. Abdel-Nasser Ahmed Hussein Ahmed (Member)
<b>Number of Papers:</b>	10

Paper ID	Time	Paper Title
ECC-SEC 109	10.00 AM – 10.15 AM	<b>Nutritional effects of two novel pollen substitute diets on honey bee workers (<i>Apis mellifera</i>)</b>  Ibrahim I. I. Mohamed, Sherehan A.R. Salem, Ebrahim M. E. Alhousini, <b><u>Naglaa A. M. Ebaid</u></b>
ECC-SEC 115	10.15 AM – 10.30 AM	<b>Thromboplastin as a potential antibacterial and antibiofilm inhibitor against human skin infection Multidrug resistance Staphylococcus aureus isolates</b>  <b><u>Fatma S. Hassan</u></b> , Waiel F. Sayed and Wesam M. Salem
ECC-SEC 132	10.30 AM – 10.45 AM	<b>Biosynthesis of Zinc Oxide Nanoparticles Using Leaf Extract of Prosopis juliflora as Potential Photocatalyst for the Treatment of Paper Mill Effluent</b>  Ahmed M. Abbas, Sabah A. Hammad, Heba Sallam, <b><u>Lamiaa Mahfouz</u></b> , Mohamed K. Ahmed, Sayed M. Abboudy, Ahmed Ezzat Ahmed, Sadeq K. Alhag, Mostafa A. Taher, Sulaiman A. Alrumman, Mohammed A. Alshehri, Wagdi S. Soliman, Tabassum Abbasi, Massaud Mostafa
ECC-SEC 136	10.45 AM – 11.00 AM	<b>Molecular and morphological characterization of Nervous Necrosis Virus obtained from Nile tilapia fish</b>  <b><u>Maha Youssef</u></b> ; Youssef Gharabaway and Serageldeen Sultan



<p>ECC-SEC 138</p>	<p>11.00 AM – 11.15 AM</p>	<p><b>Evaluation of the toxic effects of the entomopathogenic bacterium, <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>, on larval instars of "the fall armyworm" <i>Spodoptera frugiperda</i> (J. E. Smith, 1797)</b></p> <p>Mohammed Zaky Yousef Aly, Heba Mohammad Fangary, Sherehan Abd El-Kareem Refay Salem, <u>Hasnaa Mohammed Ibrahim Mostafa</u></p>
<p>ECC-SEC 140</p>	<p>11.15 AM – 11.30 AM</p>	<p><b>Taxonomic significance of stomatal complex in four species of <i>Indigofera</i> L. (Fabaceae) in Egypt.</b></p> <p>Ahmed K. Osman; M. O. Badry; Nagwa R. A. Hussein and <u>Shereen G. Thabet</u></p>
<p>ECC-SEC 141</p>	<p>11.30 AM – 11.45 AM</p>	<p><b>The Physiological Behavior of <i>Lupinus termis</i> Plant Under Salinity Stress.</b></p> <p>Noha A. El- Tayeh, Nora H. Youssef, <u>Fayrouz A.</u> Abd El Halim</p>
<p>ECC-SEC 142</p>	<p>11.45 AM – 12.00 PM</p>	<p><b>The protective role of psyllium husk (<i>Plantago ovata</i>) against liver hepatotoxicity induced by carbon tetrachloride (CCl<sub>4</sub>) in albino rats</b></p> <p>Amna M. Mostafa, Alshaimaa A.I. Alghriany; and <u>Eman A Allam</u></p>
<p>ECC-SEC 160</p>	<p>12.00 PM – 12.15 PM</p>	<p><b>Nanocurcumin and curcumin prevent N, N' methylenebisacrylamide induced liver damage and promotion of hepatic cancer cell growth</b></p> <p>Mona M. Atia, Hanem S. Abdel Tawab , Amna M. Mostafa &amp; <u>Seham A. Mobarak</u></p>
<p>ECC-SEC 161</p>	<p>12.15 PM – 12.30 PM</p>	<p><b>Green synthesis of Zinc Oxide, Chitosan and Glass ionomer mixture and its properties analysis for use in Dental treatment</b></p> <p><u>G M, Rashwan,</u> Alaa Hassan Said, M. Mostafa</p>



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