**APPENDIX**

**HOMEPAGE…**

<!DOCTYPE html>

<html class="html js-focus-visible" lang="en-US" data-js-focus-visible=""><head> <script type="text/javascript">if(!gform){document.addEventListener("gform\_main\_scripts\_loaded",function(){gform.scriptsLoaded=!0}),window.addEventListener("DOMContentLoaded",function(){gform.domLoaded=!0});var gform={domLoaded:!1,scriptsLoaded:!1,initializeOnLoaded:function(o){gform.domLoaded&&gform.scriptsLoaded?o():!gform.domLoaded&&gform.scriptsLoaded?window.addEventListener("DOMContentLoaded",o):document.addEventListener("gform\_main\_scripts\_loaded",o)},hooks:{action:{},filter:{}},addAction:function(o,n,r,t){gform.addHook("action",o,n,r,t)},addFilter:function(o,n,r,t){gform.addHook("filter",o,n,r,t)},doAction:function(o){gform.doHook("action",o,arguments)},applyFilters:function(o){return gform.doHook("filter",o,arguments)},removeAction:function(o,n){gform.removeHook("action",o,n)},removeFilter:function(o,n,r){gform.removeHook("filter",o,n,r)},addHook:function(o,n,r,t,i){null==gform.hooks[o][n]&&(gform.hooks[o][n]=[]);var e=gform.hooks[o][n];null==i&&(i=n+"\_"+e.length),null==t&&(t=10),gform.hooks[o][n].push({tag:i,callable:r,priority:t})},doHook:function(o,n,r){if(r=Array.prototype.slice.call(r,1),null!=gform.hooks[o][n]){var t,i=gform.hooks[o][n];i.sort(function(o,n){return o.priority-n.priority});for(var e=0;e<i.length;e++)"function"!=typeof(t=i[e].callable)&&(t=window[t]),"action"==o?t.apply(null,r):r[0]=t.apply(null,r)}if("filter"==o)return r[0]},removeHook:function(o,n,r,t){if(null!=gform.hooks[o][n])for(var i=gform.hooks[o][n],e=i.length-1;0<=e;e--)null!=t&&t!=i[e].tag||null!=r&&r!=i[e].priority||i.splice(e,1)}}}</script>

<meta charset="UTF-8">

<link rel="profile" href="https://gmpg.org/xfn/11">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- This site is optimized with the Yoast SEO plugin v15.5 - https://yoast.com/wordpress/plugins/seo/ -->

**TITLE…**

<title>Home - Dept of Electronics Engineering</title>

<meta name="robots" content="index, follow, max-snippet:-1, max-image-preview:large, max-video-preview:-1">

<link rel="canonical" href="https://electronics.unn.edu.ng/">

<meta property="og:locale" content="en\_US">

<meta property="og:type" content="website">

<meta property="og:title" content="Home - Dept of Electronics Engineering">

<meta property="og:description" content="BRIEF HISTORY The Department of Electronic Engineering was created in 1981 by splitting the existing department of Electrical/Electronic Engineering into two distinct departments. The creation of the two departments had the approval of the NUC. The department of Electronic Engineering was created to harness the explosion of knowledge in the field of electronics to satisfy […]">

<meta property="og:url" content="http://electronics.unn.edu.ng/">

<meta property="og:site\_name" content="Dept of Electronics Engineering">

<meta property="article:modified\_time" content="2021-01-06T12:59:08+00:00">

<meta name="twitter:card" content="summary\_large\_image">

<meta name="twitter:label1" content="Est. reading time">

<meta name="twitter:data1" content="3 minutes">

<script type="application/ld+json" class="yoast-schema-graph">{"@context":"https://schema.org","@graph":[{"@type":"WebSite","@id":"https://electronics.unn.edu.ng/#website","url":"https://electronics.unn.edu.ng/","name":"Dept of Electronics Engineering","description":"Just another University Of Nigeria Nsukka Sites site","potentialAction":[{"@type":"SearchAction","target":"https://electronics.unn.edu.ng/?s={search\_term\_string}","query-input":"required name=search\_term\_string"}],"inLanguage":"en-US"},{"@type":"WebPage","@id":"http://electronics.unn.edu.ng/#webpage","url":"http://electronics.unn.edu.ng/","name":"Home - Dept of Electronics Engineering","isPartOf":{"@id":"https://electronics.unn.edu.ng/#website"},"datePublished":"2018-03-12T14:42:06+00:00","dateModified":"2021-01-06T12:59:08+00:00","inLanguage":"en-US","potentialAction":[{"@type":"ReadAction","target":["http://electronics.unn.edu.ng/"]}]}]}</script>

<!-- / Yoast SEO plugin. -->

<link rel="dns-prefetch" href="//s.w.org">

<link rel="alternate" type="application/rss+xml" title="Dept of Electronics Engineering » Feed" href="https://electronics.unn.edu.ng/feed/">

<link rel="alternate" type="application/rss+xml" title="Dept of Electronics Engineering » Comments Feed" href="https://electronics.unn.edu.ng/comments/feed/">

<script type="text/javascript">

window.\_wpemojiSettings = {"baseUrl":"https:\/\/s.w.org\/images\/core\/emoji\/13.0.1\/72x72\/","ext":".png","svgUrl":"https:\/\/s.w.org\/images\/core\/emoji\/13.0.1\/svg\/","svgExt":".svg","source":{"concatemoji":"https:\/\/electronics.unn.edu.ng\/wp-includes\/js\/wp-emoji-release.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404"}};

!function(e,a,t){var r,n,o,i,p=a.createElement("canvas"),s=p.getContext&&p.getContext("2d");function c(e,t){var a=String.fromCharCode;s.clearRect(0,0,p.width,p.height),s.fillText(a.apply(this,e),0,0);var r=p.toDataURL();return s.clearRect(0,0,p.width,p.height),s.fillText(a.apply(this,t),0,0),r===p.toDataURL()}function l(e){if(!s||!s.fillText)return!1;switch(s.textBaseline="top",s.font="600 32px Arial",e){case"flag":return!c([127987,65039,8205,9895,65039],[127987,65039,8203,9895,65039])&&(!c([55356,56826,55356,56819],[55356,56826,8203,55356,56819])&&!c([55356,57332,56128,56423,56128,56418,56128,56421,56128,56430,56128,56423,56128,56447],[55356,57332,8203,56128,56423,8203,56128,56418,8203,56128,56421,8203,56128,56430,8203,56128,56423,8203,56128,56447]));case"emoji":return!c([55357,56424,8205,55356,57212],[55357,56424,8203,55356,57212])}return!1}function d(e){var t=a.createElement("script");t.src=e,t.defer=t.type="text/javascript",a.getElementsByTagName("head")[0].appendChild(t)}for(i=Array("flag","emoji"),t.supports={everything:!0,everythingExceptFlag:!0},o=0;o<i.length;o++)t.supports[i[o]]=l(i[o]),t.supports.everything=t.supports.everything&&t.supports[i[o]],"flag"!==i[o]&&(t.supports.everythingExceptFlag=t.supports.everythingExceptFlag&&t.supports[i[o]]);t.supports.everythingExceptFlag=t.supports.everythingExceptFlag&&!t.supports.flag,t.DOMReady=!1,t.readyCallback=function(){t.DOMReady=!0},t.supports.everything||(n=function(){t.readyCallback()},a.addEventListener?(a.addEventListener("DOMContentLoaded",n,!1),e.addEventListener("load",n,!1)):(e.attachEvent("onload",n),a.attachEvent("onreadystatechange",function(){"complete"===a.readyState&&t.readyCallback()})),(r=t.source||{}).concatemoji?d(r.concatemoji):r.wpemoji&&r.twemoji&&(d(r.twemoji),d(r.wpemoji)))}(window,document,window.\_wpemojiSettings);

</script><script src="https://electronics.unn.edu.ng/wp-includes/js/wp-emoji-release.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/javascript" defer=""></script>

<style type="text/css">

img.wp-smiley,

img.emoji {

display: inline !important;

border: none !important;

box-shadow: none !important;

height: 1em !important;

width: 1em !important;

margin: 0 .07em !important;

vertical-align: -0.1em !important;

background: none !important;

padding: 0 !important;

}

</style>

<link rel="stylesheet" id="ekit-mini-cart-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/woo-mini-cart/assets/css/mini-cart.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="neat\_slider\_style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/neat-slider/css/slider-style.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="main\_css-css" href="https://electronics.unn.edu.ng/wp-content/plugins/newstastic-post-slider/css/front.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="join\_css-css" href="https://electronics.unn.edu.ng/wp-content/plugins/newstastic-post-slider/css/join.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="elementor-frontend-legacy-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/css/frontend-legacy.min.css?ver=3.0.13" type="text/css" media="all">

<link rel="stylesheet" id="elementor-frontend-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/css/frontend.min.css?ver=3.0.13" type="text/css" media="all">

<link rel="stylesheet" id="elementor-post-110-css" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/elementor/css/post-110.css?ver=1609937366" type="text/css" media="all">

<link rel="stylesheet" id="pfc-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/posts-from-category/assets/pfc-style.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="wp-block-library-css" href="https://electronics.unn.edu.ng/wp-includes/css/dist/block-library/style.min.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="wp-block-library-theme-css" href="https://electronics.unn.edu.ng/wp-includes/css/dist/block-library/theme.min.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="menu-image-css" href="https://electronics.unn.edu.ng/wp-content/plugins/menu-image/includes/css/menu-image.css?ver=3.0.1" type="text/css" media="all">

<link rel="stylesheet" id="page-list-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/sitemap/css/page-list.css?ver=4.3" type="text/css" media="all">

<link rel="stylesheet" id="spl-styles-css" href="https://electronics.unn.edu.ng/wp-content/plugins/socail-profile-linking/includes/css/spl-styles.css?ver=1.0" type="text/css" media="all">

<link rel="stylesheet" id="wpnw-public-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/wp-news-and-widget-pro/assets/css/wpnw-pro-public.min.css?ver=2.2" type="text/css" media="all">

<link rel="stylesheet" id="wpos-slick-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/wp-news-and-widget-pro/assets/css/slick.css?ver=2.2" type="text/css" media="all">

<link rel="stylesheet" id="wppsac-public-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/wp-responsive-recent-post-slider/assets/css/recent-post-style.css?ver=2.5.1" type="text/css" media="all">

<link rel="stylesheet" id="font-awesome-css" href="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/fonts/fontawesome/css/all.min.css?ver=5.15.1" type="text/css" media="all">

<link rel="stylesheet" id="simple-line-icons-css" href="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/css/third/simple-line-icons.min.css?ver=2.4.0" type="text/css" media="all">

<link rel="stylesheet" id="magnific-popup-css" href="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/css/third/magnific-popup.min.css?ver=1.0.0" type="text/css" media="all">

<link rel="stylesheet" id="slick-css" href="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/css/third/slick.min.css?ver=1.6.0" type="text/css" media="all">

<link rel="stylesheet" id="oceanwp-style-css" href="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/css/style.min.css?ver=2.0.2" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-framework-css-frontend-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/libs/framework/assets/css/frontend-style.min.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-parallax-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/css/style.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="tablepress-default-css" href="https://electronics.unn.edu.ng/wp-content/plugins/tablepress/css/default.min.css?ver=1.12" type="text/css" media="all">

<link rel="stylesheet" id="elementor-icons-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/eicons/css/elementor-icons.min.css?ver=5.9.1" type="text/css" media="all">

<link rel="stylesheet" id="elementor-animations-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/animations/animations.min.css?ver=3.0.13" type="text/css" media="all">

<link rel="stylesheet" id="elementor-post-108-css" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/elementor/css/post-108.css?ver=1608348896" type="text/css" media="all">

<link rel="stylesheet" id="elementor-pro-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor-pro/assets/css/frontend.min.css?ver=2.10.3" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-css-widgetarea-control-editor-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/controls/assets/css/widgetarea-editor.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="elementor-global-css" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/elementor/css/global.css?ver=1608348897" type="text/css" media="all">

<link rel="stylesheet" id="elementor-post-48-css" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/elementor/css/post-48.css?ver=1609937988" type="text/css" media="all">

<link rel="stylesheet" id="boosted-elements-progression-frontend-styles-css" href="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/css/frontend.min.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="boosted-elements-progression-prettyphoto-optional-css" href="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/css/prettyphoto.min.css?ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-vendors-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/css/vendors.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-style-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/css/style.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="elementskit-responsive-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/css/responsive.css?ver=1.5.2" type="text/css" media="all">

<link rel="stylesheet" id="google-fonts-1-css" href="https://fonts.googleapis.com/css?family=Roboto%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic%7CRoboto+Slab%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic&amp;ver=ffe78d6bfc0e4b943ea88a12227b3404" type="text/css" media="all">

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-includes/js/jquery/jquery.min.js?ver=3.5.1" id="jquery-core-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.3.2" id="jquery-migrate-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/newstastic-post-slider/js/scroller.js?ver=1.0" id="j\_tools\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/newstastic-post-slider/js/front.js?ver=1.0" id="main\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/posts-from-category/assets/pfc-custom.js?ver=4.0.1" id="pfc-custom-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/jarallax.js?ver=1.5.2" id="jarallax-js"></script>

<link rel="https://api.w.org/" href="https://electronics.unn.edu.ng/wp-json/"><link rel="alternate" type="application/json" href="https://electronics.unn.edu.ng/wp-json/wp/v2/pages/48"><link rel="EditURI" type="application/rsd+xml" title="RSD" href="https://electronics.unn.edu.ng/xmlrpc.php?rsd">

<link rel="wlwmanifest" type="application/wlwmanifest+xml" href="https://electronics.unn.edu.ng/wp-includes/wlwmanifest.xml">

<link rel="shortlink" href="https://electronics.unn.edu.ng/">

<link rel="alternate" type="application/json+oembed" href="https://electronics.unn.edu.ng/wp-json/oembed/1.0/embed?url=https%3A%2F%2Felectronics.unn.edu.ng%2F">

<link rel="alternate" type="text/xml+oembed" href="https://electronics.unn.edu.ng/wp-json/oembed/1.0/embed?url=https%3A%2F%2Felectronics.unn.edu.ng%2F&amp;format=xml">

<script type="text/javascript">

var elementskit\_module\_parallax\_url = "https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/"

</script>

<style type="text/css">.recentcomments a{display:inline !important;padding:0 !important;margin:0 !important;}</style><link rel="icon" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/04/cropped-UNN-logo1-1-32x32.png" sizes="32x32">

<link rel="icon" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/04/cropped-UNN-logo1-1-192x192.png" sizes="192x192">

<link rel="apple-touch-icon" href="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/04/cropped-UNN-logo1-1-180x180.png">

<meta name="msapplication-TileImage" content="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/04/cropped-UNN-logo1-1-270x270.png">

<!-- OceanWP CSS -->

<style type="text/css">

/\* General CSS \*/a:hover,a.light:hover,.theme-heading .text::before,.theme-heading .text::after,#top-bar-content >a:hover,#top-bar-social li.oceanwp-email a:hover,#site-navigation-wrap .dropdown-menu >li >a:hover,#site-header.medium-header #medium-searchform button:hover,.oceanwp-mobile-menu-icon a:hover,.blog-entry.post .blog-entry-header .entry-title a:hover,.blog-entry.post .blog-entry-readmore a:hover,.blog-entry.thumbnail-entry .blog-entry-category a,ul.meta li a:hover,.dropcap,.single nav.post-navigation .nav-links .title,body .related-post-title a:hover,body #wp-calendar caption,body .contact-info-widget.default i,body .contact-info-widget.big-icons i,body .custom-links-widget .oceanwp-custom-links li a:hover,body .custom-links-widget .oceanwp-custom-links li a:hover:before,body .posts-thumbnails-widget li a:hover,body .social-widget li.oceanwp-email a:hover,.comment-author .comment-meta .comment-reply-link,#respond #cancel-comment-reply-link:hover,#footer-widgets .footer-box a:hover,#footer-bottom a:hover,#footer-bottom #footer-bottom-menu a:hover,.sidr a:hover,.sidr-class-dropdown-toggle:hover,.sidr-class-menu-item-has-children.active >a,.sidr-class-menu-item-has-children.active >a >.sidr-class-dropdown-toggle,input[type=checkbox]:checked:before{color:#096c3a}input[type="button"],input[type="reset"],input[type="submit"],button[type="submit"],.button,#site-navigation-wrap .dropdown-menu >li.btn >a >span,.thumbnail:hover i,.post-quote-content,.omw-modal .omw-close-modal,body .contact-info-widget.big-icons li:hover i,body div.wpforms-container-full .wpforms-form input[type=submit],body div.wpforms-container-full .wpforms-form button[type=submit],body div.wpforms-container-full .wpforms-form .wpforms-page-button{background-color:#096c3a}.widget-title{border-color:#096c3a}blockquote{border-color:#096c3a}#searchform-dropdown{border-color:#096c3a}.dropdown-menu .sub-menu{border-color:#096c3a}.blog-entry.large-entry .blog-entry-readmore a:hover{border-color:#096c3a}.oceanwp-newsletter-form-wrap input[type="email"]:focus{border-color:#096c3a}.social-widget li.oceanwp-email a:hover{border-color:#096c3a}#respond #cancel-comment-reply-link:hover{border-color:#096c3a}body .contact-info-widget.big-icons li:hover i{border-color:#096c3a}#footer-widgets .oceanwp-newsletter-form-wrap input[type="email"]:focus{border-color:#096c3a}input[type="button"]:hover,input[type="reset"]:hover,input[type="submit"]:hover,button[type="submit"]:hover,input[type="button"]:focus,input[type="reset"]:focus,input[type="submit"]:focus,button[type="submit"]:focus,.button:hover,#site-navigation-wrap .dropdown-menu >li.btn >a:hover >span,.post-quote-author,.omw-modal .omw-close-modal:hover,body div.wpforms-container-full .wpforms-form input[type=submit]:hover,body div.wpforms-container-full .wpforms-form button[type=submit]:hover,body div.wpforms-container-full .wpforms-form .wpforms-page-button:hover{background-color:#096c3a}#scroll-top{background-color:#096c3a}#scroll-top:hover{background-color:#096c3a}/\* Header CSS \*/#site-header.has-header-media .overlay-header-media{background-color:rgba(0,0,0,0.5)}#site-logo #site-logo-inner a img,#site-header.center-header #site-navigation-wrap .middle-site-logo a img{max-width:500px}

</style><style type="text/css">/\* Chart.js \*/

@-webkit-keyframes chartjs-render-animation{from{opacity:0.99}to{opacity:1}}@keyframes chartjs-render-animation{from{opacity:0.99}to{opacity:1}}.chartjs-render-monitor{-webkit-animation:chartjs-render-animation 0.001s;animation:chartjs-render-animation 0.001s;}</style><style id="fit-vids-style">.fluid-width-video-wrapper{width:100%;position:relative;padding:0;}.fluid-width-video-wrapper iframe,.fluid-width-video-wrapper object,.fluid-width-video-wrapper embed {position:absolute;top:0;left:0;width:100%;height:100%;}</style></head>

BODY…

<body class="home page-template page-template-elementor\_header\_footer page page-id-48 wp-custom-logo wp-embed-responsive oceanwp-theme dropdown-mobile default-breakpoint content-full-width content-max-width page-header-disabled has-breadcrumbs elementor-default elementor-template-full-width elementor-kit-108 elementor-page elementor-page-48" itemscope="itemscope" itemtype="https://schema.org/WebPage" data-elementor-device-mode="mobile">

<div id="outer-wrap" class="site clr">

<a class="skip-link screen-reader-text" href="#main">Skip to content</a>

<div id="wrap" class="clr">

<header id="site-header" class="minimal-header clr" data-height="74" itemscope="itemscope" itemtype="https://schema.org/WPHeader" role="banner">

<div id="site-header-inner" class="clr container">

<div id="site-logo" class="clr" itemscope="" itemtype="https://schema.org/Brand">

<div id="site-logo-inner" class="clr">

<a href="https://electronics.unn.edu.ng/" class="custom-logo-link" rel="home" aria-current="page"><img width="891" height="131" src="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1.png" class="custom-logo" alt="Dept of Electronics Engineering" srcset="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1.png 891w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-300x44.png 300w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-768x113.png 768w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-24x4.png 24w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-36x5.png 36w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-48x7.png 48w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2018/03/cropped-electronics-1-400x59.png 400w" sizes="(max-width: 891px) 100vw, 891px"></a>

</div><!-- #site-logo-inner -->

</div><!-- #site-logo -->

<div id="site-navigation-wrap" class="clr">

<nav id="site-navigation" class="navigation main-navigation clr" itemscope="itemscope" itemtype="https://schema.org/SiteNavigationElement" role="navigation">

<ul id="menu-main-menu" class="main-menu dropdown-menu sf-menu sf-js-enabled" style="touch-action: pan-y;"><li id="menu-item-50" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-home current-menu-item page\_item page-item-48 current\_page\_item menu-item-has-children dropdown menu-item-50"><a href="https://electronics.unn.edu.ng/" class="menu-link sf-with-ul"><span class="text-wrap">Home <span class="nav-arrow fa fa-angle-down"></span></span></a>

<ul class="sub-menu" style="display: none;">

<li id="menu-item-52" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-52"><a href="https://electronics.unn.edu.ng/about-us/" class="menu-link"><span class="text-wrap">About Us</span></a></li></ul>

</li><li id="menu-item-53" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-53"><a href="https://electronics.unn.edu.ng/admission-requirement/" class="menu-link"><span class="text-wrap">Admission Requirement</span></a></li><li id="menu-item-61" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-has-children dropdown menu-item-61"><a href="https://electronics.unn.edu.ng/programmes/" class="menu-link sf-with-ul"><span class="text-wrap">Programmes <span class="nav-arrow fa fa-angle-down"></span></span></a>

<ul class="sub-menu" style="display: none;">

<li id="menu-item-106" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-106"><a href="https://electronics.unn.edu.ng/postgraduate-degree-programmes/" class="menu-link"><span class="text-wrap">POSTGRADUATE DEGREE PROGRAMMES</span></a></li></ul>

</li><li id="menu-item-54" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-54"><a href="https://electronics.unn.edu.ng/course-modules/" class="menu-link"><span class="text-wrap">Course Modules</span></a></li><li id="menu-item-55" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-has-children dropdown menu-item-55"><a href="https://electronics.unn.edu.ng/staff/" class="menu-link sf-with-ul"><span class="text-wrap">Staff <span class="nav-arrow fa fa-angle-down"></span></span></a>

<ul class="sub-menu" style="display: none;">

<li id="menu-item-89" class="menu-item menu-item-type-custom menu-item-object-custom menu-item-89"><a href="http://www.unn.edu.ng/internals/staff/deptshow/ELETROENG" class="menu-link"><span class="text-wrap">Staff Profile</span></a></li></ul>

</li><li id="menu-item-84" class="menu-item menu-item-type-custom menu-item-object-custom menu-item-84"><a href="http://electronics.unn.edu.ng/?p=82" class="menu-link"><span class="text-wrap">Alumni</span></a></li><li id="menu-item-87" class="menu-item menu-item-type-custom menu-item-object-custom menu-item-87"><a href="http://electronics.unn.edu.ng/?p=85" class="menu-link"><span class="text-wrap">Journals</span></a></li><li id="menu-item-58" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-58"><a href="https://electronics.unn.edu.ng/external-resources/" class="menu-link"><span class="text-wrap">External Resources</span></a></li><li id="menu-item-59" class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-59"><a href="https://electronics.unn.edu.ng/contact-us/" class="menu-link"><span class="text-wrap">Contact Us</span></a></li><li class="search-toggle-li"><a href="javascript:void(0)" class="site-search-toggle search-dropdown-toggle" aria-label="Search website"><span class="icon-magnifier" aria-hidden="true"></span></a></li></ul>

<div id="searchform-dropdown" class="header-searchform-wrap clr">

<form role="search" method="get" class="searchform" action="https://electronics.unn.edu.ng/">

<label for="ocean-search-form-1">

<span class="screen-reader-text">Search for:</span>

<input type="search" id="ocean-search-form-1" class="field" autocomplete="off" placeholder="Search" name="s">

</label>

</form>

</div><!-- #searchform-dropdown -->

</nav><!-- #site-navigation -->

</div><!-- #site-navigation-wrap -->

<div class="oceanwp-mobile-menu-icon clr mobile-right">

<a href="javascript:void(0)" class="mobile-menu" aria-label="Mobile Menu">

<i class="fa fa-bars" aria-hidden="true"></i>

<span class="oceanwp-text">Menu</span>

<span class="oceanwp-close-text">Close</span>

</a>

</div><!-- #oceanwp-mobile-menu-navbar -->

</div><!-- #site-header-inner -->

<div id="mobile-dropdown" class="clr">

<nav class="clr" itemscope="itemscope" itemtype="https://schema.org/SiteNavigationElement">

<ul id="menu-main-menu-1" class="menu"><li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-home current-menu-item page\_item page-item-48 current\_page\_item menu-item-has-children menu-item-50"><a href="https://electronics.unn.edu.ng/" aria-current="page">Home<span class="dropdown-toggle"></span></a>

<ul class="sub-menu">

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-52"><a href="https://electronics.unn.edu.ng/about-us/">About Us</a></li>

</ul>

</li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-53"><a href="https://electronics.unn.edu.ng/admission-requirement/">Admission Requirement</a></li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-has-children menu-item-61"><a href="https://electronics.unn.edu.ng/programmes/">Programmes<span class="dropdown-toggle"></span></a>

<ul class="sub-menu">

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-106"><a href="https://electronics.unn.edu.ng/postgraduate-degree-programmes/">POSTGRADUATE DEGREE PROGRAMMES</a></li>

</ul>

</li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-54"><a href="https://electronics.unn.edu.ng/course-modules/">Course Modules</a></li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-has-children menu-item-55"><a href="https://electronics.unn.edu.ng/staff/">Staff<span class="dropdown-toggle"></span></a>

<ul class="sub-menu">

<li class="menu-item menu-item-type-custom menu-item-object-custom menu-item-89"><a href="http://www.unn.edu.ng/internals/staff/deptshow/ELETROENG">Staff Profile</a></li>

</ul>

</li>

<li class="menu-item menu-item-type-custom menu-item-object-custom menu-item-84"><a href="http://electronics.unn.edu.ng/?p=82">Alumni</a></li>

<li class="menu-item menu-item-type-custom menu-item-object-custom menu-item-87"><a href="http://electronics.unn.edu.ng/?p=85">Journals</a></li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-58"><a href="https://electronics.unn.edu.ng/external-resources/">External Resources</a></li>

<li class="menu-item menu-item-type-post\_type menu-item-object-page menu-item-59"><a href="https://electronics.unn.edu.ng/contact-us/">Contact Us</a></li>

<li class="search-toggle-li"><a href="javascript:void(0)" class="site-search-toggle search-dropdown-toggle" aria-label="Search website"><span class="icon-magnifier" aria-hidden="true"></span></a></li></ul>

<div id="mobile-menu-search" class="clr">

<form method="get" action="https://electronics.unn.edu.ng/" class="mobile-searchform" role="search" aria-label="Search for:">

<label for="ocean-mobile-search2">

<input type="search" name="s" autocomplete="off" placeholder="Search">

<button type="submit" class="searchform-submit" aria-label="Submit search">

<i class="icon-magnifier" aria-hidden="true"></i>

</button>

</label>

</form>

</div><!-- .mobile-menu-search -->

</nav>

</div>

</header><!-- #site-header -->

<main id="main" class="site-main clr" role="main">

<div data-elementor-type="wp-page" data-elementor-id="48" class="elementor elementor-48" data-elementor-settings="[]">

<div class="elementor-inner">

<div class="elementor-section-wrap">

<section class="elementor-section elementor-top-section elementor-element elementor-element-1d4a9e79 elementor-section-full\_width elementor-section-height-min-height elementor-section-height-default elementor-section-items-middle elementskit-parallax-multi-container" data-id="1d4a9e79" data-element\_type="section" data-settings="{&quot;ekit\_has\_onepagescroll\_dot&quot;:&quot;yes&quot;}">

<div class="elementor-background-overlay"></div>

<div class="elementor-container elementor-column-gap-no">

<div class="elementor-row">

<div class="elementor-column elementor-col-100 elementor-top-column elementor-element elementor-element-13182083" data-id="13182083" data-element\_type="column">

<div class="elementor-column-wrap elementor-element-populated">

<div class="elementor-widget-wrap">

<div class="elementor-element elementor-element-29911ac9 elementor-widget elementor-widget-boosted-elements-slider" data-id="29911ac9" data-element\_type="widget" data-settings="{&quot;ekit\_we\_effect\_on&quot;:&quot;none&quot;}" data-widget\_type="boosted-elements-slider.default">

<div class="elementor-widget-container">

<div class="boosted-elements-slider-loader-height"> <div class="boosted-elements-progression-slider-container boosted-no-delay-animate boosted\_elements\_slider\_arrow\_visiblity\_hover boosted\_elements\_slider\_dots\_visiblity\_visible">

<div id="boosted-elements-progression-flexslider-29911ac9" class="boosted-elements-slider-main">

<ul class="boosted-elements-slides">

<li class="elementor-repeater-item-2193ec7 bosted\_animate\_in" data-thumb-alt="" style="width: 100%; float: left; margin-right: -100%; position: relative; opacity: 0; display: block; z-index: 1;">

<div class="boosted-elements-slider-background">

<div class="boosted-elements-slider-display-table">

<div class="boosted-elements-slider-content-container">

<div class="boosted-elements-slider-container-fixed-optional">

<div class="boosted-elements-slider-content">

<div class="bosted-element-content-margin">

<div class="clearfix-boosted-element"></div>

</div><!-- close .bosted-element-content-margin -->

</div><!-- close .boosted-elements-slider-content -->

</div><!-- close .boosted-elements-slider-container-fixed-optional -->

</div><!-- close .boosted-elements-slider-content-container -->

<div class="boosted-elements-slider-gradient-overlay"></div>

</div>

</div><!-- close .boosted-elements-slider-background -->

</li>

<li class="elementor-repeater-item-d70c84f bosted\_animate\_in boosted-elements-slider-active-slide" data-thumb-alt="" style="width: 100%; float: left; margin-right: -100%; position: relative; opacity: 1; display: block; z-index: 2;">

<div class="boosted-elements-slider-background">

<div class="boosted-elements-slider-display-table">

<div class="boosted-elements-slider-content-container">

<div class="boosted-elements-slider-container-fixed-optional">

<div class="boosted-elements-slider-content">

<div class="bosted-element-content-margin">

<div class="clearfix-boosted-element"></div>

</div><!-- close .bosted-element-content-margin -->

</div><!-- close .boosted-elements-slider-content -->

</div><!-- close .boosted-elements-slider-container-fixed-optional -->

</div><!-- close .boosted-elements-slider-content-container -->

<div class="boosted-elements-slider-gradient-overlay"></div>

</div>

</div><!-- close .boosted-elements-slider-background -->

</li>

</ul>

<ol class="boosted-elements-slider-control-nav boosted-elements-slider-control-paging"><li><a href="#" class="">1</a></li><li><a href="#" class="boosted-elements-slider-active">2</a></li></ol><ul class="boosted-elements-slider-direction-nav"><li class="boosted-elements-slider-nav-prev"><a class="boosted-elements-slider-prev" href="#"></a></li><li class="boosted-elements-slider-nav-next"><a class="boosted-elements-slider-next" href="#"></a></li></ul></div><!-- #boosted-elements-progression-flexslider-29911ac9 -->

</div><!-- close .boosted-elements-progression-slider-container -->

</div><!-- close .boosted-elements-slider-loader-height --> <div class="clearfix-boosted-element"></div>

<script type="text/javascript">

jQuery(document).ready(function($) {

'use strict';

$('#boosted-elements-progression-flexslider-29911ac9').flexslider({

namespace: "boosted-elements-slider-",

selector: ".boosted-elements-slides > li",

prevText: "",

touch: true,

nextText: "",

slideshow:true,

slideshowSpeed: 7000,

animation: "fade",

animationSpeed: 500,

pauseOnHover: true,

});

$("#boosted-elements-progression-flexslider-29911ac9 a.boosted-elements-slider-lightbox[data-rel^='prettyPhoto']").prettyPhoto({

theme: 'pp\_default',

hook: 'data-rel',

opacity: 0.7,

show\_title: false,

deeplinking: false,

overlay\_gallery: false,

custom\_markup: '',

default\_width: 900,

default\_height: 506,

social\_tools: ''

});

});

</script>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

<section class="elementor-section elementor-top-section elementor-element elementor-element-17f70c77 elementor-section-boxed elementor-section-height-default elementor-section-height-default elementskit-parallax-multi-container" data-id="17f70c77" data-element\_type="section" data-settings="{&quot;ekit\_has\_onepagescroll\_dot&quot;:&quot;yes&quot;}">

<div class="elementor-container elementor-column-gap-default">

<div class="elementor-row">

<div class="elementor-column elementor-col-100 elementor-top-column elementor-element elementor-element-69ce9c8a" data-id="69ce9c8a" data-element\_type="column">

<div class="elementor-column-wrap elementor-element-populated">

<div class="elementor-widget-wrap">

<div class="elementor-element elementor-element-21084151 elementor-widget elementor-widget-text-editor" data-id="21084151" data-element\_type="widget" data-settings="{&quot;ekit\_we\_effect\_on&quot;:&quot;none&quot;}" data-widget\_type="text-editor.default">

<div class="elementor-widget-container">

BRIEF HISTORY… <div class="elementor-text-editor elementor-

clearfix"><strong>BRIEF HISTORY</strong>

The Department of Electronic Engineering was created in 1981 by splitting the existing department of Electrical/Electronic Engineering into two distinct departments. The creation of the two departments had the approval of the NUC. The department of Electronic Engineering was created to harness the explosion of knowledge in the field of electronics to satisfy deep national needs for skilled engineers in the vital areas of telecommunication, control, instrumentation, digital and computer engineering.

The department produced the first batch of graduates in 1985. In 1984 the department started postgraduate (PG) programme for M. Eng. and Ph.D. Degrees aimed at producing specialists for industry and universities. The PG programme was intended to foster collaborative researches between the department, other related departments in other universities and industries locally and internationally. As the oldest department of Electronic Engineering in Nigeria, the department has always been keenly aware of its leadership role in spreading awareness of the importance of Electronic Engineering in the industrial development of the nation. In 1985, it organized a highly successful national workshop on microprocessors. And in 1989, it organized an international conference on developing countries and the new information age.

The Department’s vigorous strive for academic and professional excellence for both its students and staff culminated into a number of teaching and research collaborations with other national and international institutions.

<ol>

<li>There is collaboration with the Digital Bridge Institute (DBI), Abuja at national level. DBI is an International Centre for Professional Training in Telecommunications and ICT. It was established in 2004 by the National Communications Commission (NCC). This collaboration involves bilateral/multilateral training and research linkages with both national and multinational telecom and ICT industries. Through this, UNN-DBI Training– To–Placement Programme was designed to bridge the gap between the prevailing academic curricula of our national universities and the manpower needs of the emerging telecommunication and information technology industries in the country.</li>

<li>The international linkage of the department includes teaching, research and exchange collaborations with the Delft University of Technology (TU Delft) in the Netherlands. The University of Nigeria, Nsukka signed an MOU with Delft University of Technology on behalf of the Department of Electronic Engineering and other departments (Physics, Computer Science, Electrical Engineering) of the university to establish a Centre of Excellence in Microsystems and Nanoelectronics at UNN. Currently, two of our academic staff are in TU Delft on exchange programme. Two years ago, the UNN received two TU Delft students on the same programme.</li>

<li>At the International and national levels, the University and consequently the department formed collaborations under NetTel@Africa – an international postgraduate programme in ICT Policy and Regulations. The programme was basically a transnational network for capacity building and knowledge sharing in the information and communication technologies (ICT) and telecommunications (telecoms) policy, regulation and applications. The collaboration was with three other National Universities (UNILAG, OAU, UNIJOS) and nineteen international universities (twelve in Africa, two in Europe and five in North Africa). The network included, some international ICT Regulatory Organizations/Authorities in Africa (TRASA, ARICEA, WATRA AND EARPTO), and America, USA (NARUC, FCC), and some international Resource/Donor Organizations (CTO, ITU, SIDA, CATIA, DFID, GSA, USAID)</li>

</ol>

The department has recorded many significant milestones. Since its inception in 1981, the Department has produced the highest number of first class graduates than any other departments in the university. It has also produced many overall best graduating students more than any department in the university; it has produced overall university bests for three consecutive academic sessions in 1995/1996, 1996/1997 and 1997/1998. The 1996/1997 university best, Osita Onuma, in 1998/1999 produced best ever recorded result (aggregate of 98.85 on a 100-point scale – 98.85%) in the 124 year-history of taught postgraduate programme at Imperial College and the entire University of London. The department earned two national designations (honours) as a Centre of Excellence in Electronics and in Information and Communication Technology (ICT) in 1986 and 2001 an Education Trust Fund (ETF) Center Of Excellence in ICT and Telecommunication Networks.</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

</div>

</div>

</div>

</main><!-- #main -->

<div class="ekit-template-content-markup ekit-template-content-footer"><style>.elementor-110 .elementor-element.elementor-element-26ea9c29:not(.elementor-motion-effects-element-type-background), .elementor-110 .elementor-element.elementor-element-26ea9c29 > .elementor-motion-effects-container > .elementor-motion-effects-layer{background-color:#096C3A;}.elementor-110 .elementor-element.elementor-element-26ea9c29{transition:background 0.3s, border 0.3s, border-radius 0.3s, box-shadow 0.3s;overflow:visible;}.elementor-110 .elementor-element.elementor-element-26ea9c29 > .elementor-background-overlay{transition:background 0.3s, border-radius 0.3s, opacity 0.3s;}.elementor-110 .elementor-element.elementor-element-1496aec4 .elementor-text-editor{text-align:right;}.elementor-110 .elementor-element.elementor-element-1496aec4{color:#FFFFFF;}.elementor-110 .elementor-element.elementor-element-1496aec4 > .elementor-widget-container{margin:20px 0px 0px 0px;}</style> <div data-elementor-type="wp-post" data-elementor-id="110" class="elementor elementor-110" data-elementor-settings="[]">

<div class="elementor-inner">

<div class="elementor-section-wrap">

<section class="elementor-section elementor-top-section elementor-element elementor-element-26ea9c29 elementor-section-boxed elementor-section-height-default elementor-section-height-default elementskit-parallax-multi-container" data-id="26ea9c29" data-element\_type="section" data-settings="{&quot;background\_background&quot;:&quot;classic&quot;,&quot;ekit\_has\_onepagescroll\_dot&quot;:&quot;yes&quot;}">

<div class="elementor-container elementor-column-gap-default">

<div class="elementor-row">

<div class="elementor-column elementor-col-50 elementor-top-column elementor-element elementor-element-3b33e0a5" data-id="3b33e0a5" data-element\_type="column">

<div class="elementor-column-wrap elementor-element-populated">

<div class="elementor-widget-wrap">

<div class="elementor-element elementor-element-1b24c68f elementor-widget elementor-widget-image" data-id="1b24c68f" data-element\_type="widget" data-settings="{&quot;ekit\_we\_effect\_on&quot;:&quot;none&quot;}" data-widget\_type="image.default">

<div class="elementor-widget-container">

<div class="elementor-image">

<img width="300" height="90" src="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2021/01/unn-logo.png" class="attachment-medium size-medium" alt="" loading="lazy" srcset="https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2021/01/unn-logo.png 300w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2021/01/unn-logo-24x7.png 24w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2021/01/unn-logo-36x11.png 36w, https://electronics.unn.edu.ng/wp-content/uploads/sites/143/2021/01/unn-logo-48x14.png 48w" sizes="(max-width: 300px) 100vw, 300px"> </div>

</div>

</div>

</div>

</div>

</div>

<div class="elementor-column elementor-col-50 elementor-top-column elementor-element elementor-element-653577ad" data-id="653577ad" data-element\_type="column">

<div class="elementor-column-wrap elementor-element-populated">

<div class="elementor-widget-wrap">

<div class="elementor-element elementor-element-1496aec4 elementor-widget elementor-widget-text-editor" data-id="1496aec4" data-element\_type="widget" data-settings="{&quot;ekit\_we\_effect\_on&quot;:&quot;none&quot;}" data-widget\_type="text-editor.default">

<div class="elementor-widget-container">

<div class="elementor-text-editor elementor-clearfix"><p>© 2020 University of Nigeria&nbsp; Powered by Tenece</p></div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

</div>

</div>

</div>

</div>

</div><!-- #wrap -->

</div><!-- #outer-wrap -->

<a id="scroll-top" class="scroll-top-right" href="#" style="display: none;"><span class="fa fa-angle-up" aria-label="Scroll to the top of the page"></span></a>

<link rel="stylesheet" id="elementor-icons-shared-0-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.12.0" type="text/css" media="all">

<link rel="stylesheet" id="elementor-icons-fa-solid-css" href="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/font-awesome/css/solid.min.css?ver=5.12.0" type="text/css" media="all">

<script type="text/javascript" id="mail-chimp-script-js-extra">

/\* <![CDATA[ \*/

var ekit\_site\_url = {"siteurl":"http:\/\/electronics.unn.edu.ng"};

/\* ]]> \*/

</script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/mail-chimp/assets/js/mail-chimp.js?ver=1.0" id="mail-chimp-script-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/chart/assets/js/chart.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="chart-kit-js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/neat-slider/js/jquery.fractionslider.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="slider-js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-includes/js/imagesloaded.min.js?ver=4.1.4" id="imagesloaded-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/js/third/magnific-popup.min.js?ver=2.0.2" id="magnific-popup-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/js/third/lightbox.min.js?ver=2.0.2" id="oceanwp-lightbox-js"></script>

<script type="text/javascript" id="oceanwp-main-js-extra">

/\* <![CDATA[ \*/

var oceanwpLocalize = {"isRTL":"","menuSearchStyle":"drop\_down","sidrSource":null,"sidrDisplace":"1","sidrSide":"left","sidrDropdownTarget":"link","verticalHeaderTarget":"link","customSelects":".woocommerce-ordering .orderby, #dropdown\_product\_cat, .widget\_categories select, .widget\_archive select, .single-product .variations\_form .variations select"};

/\* ]]> \*/

</script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/js/main.min.js?ver=2.0.2" id="oceanwp-main-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/libs/framework/assets/js/frontend-script.js?ver=1.5.2" id="elementskit-framework-js-frontend-js"></script>

<script type="text/javascript" id="elementskit-framework-js-frontend-js-after">

//console.log(window.elementskit);

var elementskit = {

resturl: 'https://electronics.unn.edu.ng/wp-json/elementskit/v1/',

}

//console.log(window.elementskit);

</script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/js/nav-menu.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="ekit-nav-menu-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/js/ui-slim.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="ekit-slim-ui-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/TweenMax.min.js?ver=1.5.2" id="tweenmax-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/jquery.easing.1.3.js?ver=1.5.2" id="jquery-easing-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/js/tilt.jquery.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="tilt-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/anime.js?ver=1.5.2" id="animejs-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/magician.js?ver=1.5.2" id="magicianjs-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-includes/js/wp-embed.min.js?ver=ffe78d6bfc0e4b943ea88a12227b3404" id="wp-embed-js"></script>

<!--[if lt IE 9]>

<script type='text/javascript' src='https://electronics.unn.edu.ng/wp-content/themes/oceanwp/assets/js/third/html5.min.js?ver=2.0.2' id='html5shiv-js'></script>

<![endif]-->

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/js/flexslider.js?ver=1.0" id="boosted\_elements\_progression\_flexslider\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/js/video-backgrounds.js?ver=1.0" id="boosted\_elements\_progression\_video\_background\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/js/prettyPhoto.js?ver=1.0" id="boosted\_elements\_progression\_prettyphoto\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/boosted-elements-progression/assets/js/jquery.matchHeight-min.js?ver=1.0" id="boosted\_elements\_progression\_matchheight\_js-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/js/frontend-modules.min.js?ver=3.0.13" id="elementor-frontend-modules-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor-pro/assets/lib/sticky/jquery.sticky.min.js?ver=2.10.3" id="elementor-sticky-js"></script>

<script type="text/javascript" id="elementor-pro-frontend-js-before">

var ElementorProFrontendConfig = {"ajaxurl":"https:\/\/electronics.unn.edu.ng\/wp-admin\/admin-ajax.php","nonce":"e655fb6eb8","i18n":{"toc\_no\_headings\_found":"No headings were found on this page."},"shareButtonsNetworks":{"facebook":{"title":"Facebook","has\_counter":true},"twitter":{"title":"Twitter"},"google":{"title":"Google+","has\_counter":true},"linkedin":{"title":"LinkedIn","has\_counter":true},"pinterest":{"title":"Pinterest","has\_counter":true},"reddit":{"title":"Reddit","has\_counter":true},"vk":{"title":"VK","has\_counter":true},"odnoklassniki":{"title":"OK","has\_counter":true},"tumblr":{"title":"Tumblr"},"delicious":{"title":"Delicious"},"digg":{"title":"Digg"},"skype":{"title":"Skype"},"stumbleupon":{"title":"StumbleUpon","has\_counter":true},"mix":{"title":"Mix"},"telegram":{"title":"Telegram"},"pocket":{"title":"Pocket","has\_counter":true},"xing":{"title":"XING","has\_counter":true},"whatsapp":{"title":"WhatsApp"},"email":{"title":"Email"},"print":{"title":"Print"}},"facebook\_sdk":{"lang":"en\_US","app\_id":""},"lottie":{"defaultAnimationUrl":"https:\/\/electronics.unn.edu.ng\/wp-content\/plugins\/elementor-pro\/modules\/lottie\/assets\/animations\/default.json"}};

</script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor-pro/assets/js/frontend.min.js?ver=2.10.3" id="elementor-pro-frontend-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-includes/js/jquery/ui/core.min.js?ver=1.12.1" id="jquery-ui-core-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/dialog/dialog.min.js?ver=4.8.1" id="elementor-dialog-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/waypoints/waypoints.min.js?ver=4.0.2" id="elementor-waypoints-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/swiper/swiper.min.js?ver=5.3.6" id="swiper-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/lib/share-link/share-link.min.js?ver=3.0.13" id="share-link-js"></script>

<script type="text/javascript" id="elementor-frontend-js-before">

var elementorFrontendConfig = {"environmentMode":{"edit":false,"wpPreview":false},"i18n":{"shareOnFacebook":"Share on Facebook","shareOnTwitter":"Share on Twitter","pinIt":"Pin it","download":"Download","downloadImage":"Download image","fullscreen":"Fullscreen","zoom":"Zoom","share":"Share","playVideo":"Play Video","previous":"Previous","next":"Next","close":"Close"},"is\_rtl":false,"breakpoints":{"xs":0,"sm":480,"md":768,"lg":1025,"xl":1440,"xxl":1600},"version":"3.0.13","is\_static":false,"legacyMode":{"elementWrappers":true},"urls":{"assets":"https:\/\/electronics.unn.edu.ng\/wp-content\/plugins\/elementor\/assets\/"},"settings":{"page":[],"editorPreferences":[]},"kit":{"global\_image\_lightbox":"yes","lightbox\_enable\_counter":"yes","lightbox\_enable\_fullscreen":"yes","lightbox\_enable\_zoom":"yes","lightbox\_enable\_share":"yes","lightbox\_title\_src":"title","lightbox\_description\_src":"description"},"post":{"id":48,"title":"Home%20-%20Dept%20of%20Electronics%20Engineering","excerpt":"","featuredImage":false}};

</script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementor/assets/js/frontend.min.js?ver=3.0.13" id="elementor-frontend-js"></script><span id="elementor-device-mode" class="elementor-screen-only"></span>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/widgets/init/assets/js/elementor.js?ver=1.5.2" id="elementskit-elementor-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/sticky-content/assets/js/jquery.sticky.js?ver=1.5.2" id="elementskit-sticky-content-script-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/sticky-content/assets/js/init.js?ver=1.5.2" id="elementskit-sticky-content-script-init-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/widget-init.js?ver=1.5.2" id="elementskit-parallax-widget-init-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/parallax/assets/js/section-init.js?ver=1.5.2" id="elementskit-parallax-section-init-js"></script>

<script type="text/javascript" src="https://electronics.unn.edu.ng/wp-content/plugins/elementskit/modules/controls/assets/js/widgetarea-editor.js?ver=1.5.2" id="elementskit-js-widgetarea-control-editor-js"></script>

</body></html>