

Faculty publications:-

Title	Journal name	Date	citation
Investigation Of Concrete By Partial Replacement Of Cement With Nano Alumina And Micro Alumina.	International Journal Of Analytical And Experimental Modal Analysis	2022	-
Investigation Of Concrete By Partial Replacement Of Cement With Nano Alumina And Micro Alumina	International Journal Of Analytical And Experimental Mode Analysis	2022	-
Linear Static Analysis Of G+16 Floated Column Building	International Journal Of Analytical And Experimental Mode Analysis,	2022	-
Earthquake Resistant Thin High Rise Building Design With Sap 2000	International Journal For Research In Engineering Application & Management,	2022	-
Experimental Investigation On Durability Properties Of Concrete With Partial Replacement Of Cement By Metakaoline And Flyash,	Journal Of Harbin Engineering University.	2023	-
Compressive Strength Prediction Of Concrete Containing Used Cooking Oil Using Ann,	International Journal Of Innovative Technology And Exploring	2023	-
Experimental Investigation On Strength And Workability Properties Of Concrete With Partial Replacement Of Cement By Metakaolin And Rice Husk Ash	Journal Of Harbin Engineering University	2023	1
Effect Of Lead Rubber Bearing On Seismic Response Of Regular And Irregular Frames In Elevation	Journal Of Harbin Engineering University	2023	-
Experimental Study On Strength Of Concrete Using Slag Sand And Partial Replacement Of Cement With Alccofine,	China Petroleum Processing And Petro Chemical Technology	2023	1
Damage Assessment In Building Using Python And Deep Learning	Journal Of Survey In Fisheries Sciences	2023	1
An Experimental Study On Partial Replacement Of Fine Aggregate By Waste Glass And Coarse Aggregate By Waste Plastic	Journal Of Namibian Studies	2023	1
An Experimental Investigation On Partial Replacement Of Cement With Dolomite Powder, Flyash By Using Slag Sand In Concrete	Journal Of Harbin Engineering Unive	2023	
Durability Properties Of High Strength Concrete Containing Fly Ash, Dolomite And Slag Sand	International Journal Of Innovative Technology And Exploring Engineering	2023	-
Studies On Floor Isolation In G+14 Residential Building For Seismic Safety By Using Sap2000	Journal Of Xi'an University Of Architecture & Technology	2023	1
Effect of thickness, numbers and positions of shear walls on seismic behaviour of multistoried structure	international journal of innovative research in science, engineering and technology	2024	1

Comparative analysis of seismic behaviour in multi storey structures utilizing etabs for rcc and composite column systems evaluation through pushover analysis	corrosion and protection	2024	1
Experimental investigation on strength properties of concrete with partial replacement of cement by metakolin and alccofine	international journal of multidisciplinary research in science, engineering and technology	2024	-
An experimental study on m60 grade of concrete with partial replacement of cement with metakaolin, alccofine and flyash	journal of xi'an university of architecture & technology	2024	-
Experimental study on partial replacement of cement by metakaoline and egg shell powder	journal of technology	2024	1
Analysis of sea wall by using etabs and python programming	journal of technology	2024	-
Experimental study on strength of m60 grade areca husk fiber reinforced concrete	journal of technology	2024	-
<u>Prof. H.Sudarsana Rao</u>			
Studies on low calcium flyas-GGBS based Geopolymer concrete with slag Sand	Design Engineering	2022	2
Comparative Analysis of a reinforced framed structure under performance based analysis considering post tensioned members at the edges using ETABS as a tool	Journal of North Eastern University	2022	2
Importance of Aspect ratio in the analysis and design of a 15 storied building using ETABS considering seismic zones	Journal of North Eastern University	2022	2
Utilization of used engine oil in Concrete as an Admixture	Journal of North Eastern University	2022	1
An Experimental Study on Strength Properties of Tabby Concrete with Sea Shell Coarse Aggeragte	Journal of North Eastern University	2022	1
Comparative Analysis of the Strength Properties of Concrete with Slag Sand and Bethamcherla Stones with Silicafume as partial Cement Replacement	Design Engineering(Toronto)	2022	2
Blast Resistant Analysis and Its Impact on Buildings using ETABS	Design Engineering(Toronto)	2022	-
Comparative Assessment of Concrete filled steel tube (CFST) Columns using ABAQUS	Design Engineering(Toronto)	2022	1
Strength Characteristics of Fly Sah Blended Concrete with Slag Sand and Marble Waste Aggregate	Design Engineering(Toronto)	2022	-
Utilization of used engine oil in Concrete as an Admixture	Journal of Northeastern University	2023	-
Strength Characteristics of Concrete containing Dolomite Powder and Slag Sand	Multidisciplinary Journal of Educational Research	2023	-
ComparativeAnalysis of Behaviour of Horizontal and Vertical Irregular Buildings with and without using Shear Walls by ETSBS Software	Multidisciplinary Journal of Educational Research	2023	-
Comparative Analysis of Earthquake Resistant Building Design by Considering Bracing and Shearwall System using ETABS Software	Multidisciplinary Journal of Educational Research	2023	-
Analysis of Fragility Curves of RC Flat Slab Buildings with and without infill Effect using Pushover Method	Multidisciplinary Journal of Educational Research	2023	1

Effect of Diaphragm openings in Multi-Storey RC Framed Buildings using Pushover Analysis	Multidisciplinary Journal of Educational Research	2023	3
Comparison of Composite Beam girder and RCC Beam Girder with floating column in RCC frame structure using ETABS Software	Multidisciplinary Journal of Educational Research	2023	1
Application of the Sugarcane Bagasse Ash as a partial Cement Replacement with addition of Light Expandable Clay Aggregate (LECA) and Examining various Strength Parameters of Concrete	Multidisciplinary Journal of Educational Research	2023	-
Replacement of Cement with Neem Ash and Fly Ash	Multidisciplinary Journal of Educational Research	2023	-
Comparative Study on RC Frame with Fixed Base, Base isolated RC frame using Friction Pendulum bearing and RC frame with Friction Damper by Time history Analysis using SAP2000	Multidisciplinary Journal of Educational Research	2023	-
Analysis of Soft Storey Building with Different Percentages of Openings in Shear Walls using Etabs Software	Journal of Harbin Engineering University	2023	-
Strength and Workability Studies on Slag Sand Concrete Blended with Flyash and Glass Powder	Journal of Harbin Engineering University	2023	-
Analysis of G+10 Storey Building with Rubber Bearing Isolation system and Friction Pendulum System in Seismic Zones	Journal of Harbin Engineering University	2023	-
Strength studies on Slag Concrete Blended with Metakaolin and Glass Powder	Journal of Harbin Engineering University	2023	-
Strength Studies on Slag Sand Concrete Blended with GGBS and Glass Powder	Journal of Harbin Engineering University	2023	-
Experimental Studies on High Strength Concrete containing Slag Sand with Partial Replacement of Cement by Metakaolin	Multidisciplinary Journal of Educational Research REMIE	2023	4
Seismic Evaluation of the Performance of Steel Moment Resisting Frame Subjected to Cyclic Loading in zone II, III, IV and V,	Journal of Harbin Engineering University	2023	
Dynamic Response of High Rise Structures under the influence of Shear Walls	Journal of Harbin Engineering University	2023	-
Design Analysis of outrigger and Hexagrid System in High Rise Building	Journal of Harbin Engineering University	2023	-
Experimental Investigation on workability and Strength Properties of Concrete Blended with Dolomite Dust Powder Slag Sand and Light Weight Aggregates	Multi Disciplinary Journal of Educational Research REMIE	2023	-
Strength Studies on Slag Concrete Blended with Glass Powder and Dolomite Powder	Journal of Harbin Engineering University	2023	-
Experimental investigation on strength and workability properties of concrete blended with Dolomite dust with slag sand	Material Science and Technology	2023	-
Strength studies on slag sand concrete blended with silica fume and glass powder	Journal of Harbin Engineering University	2023	-
Strength studies on slag sand concrete blended with Rice husk Ash and Glass Powder	Journal of Namibian Studies	2023	-
Highrise buildings by using ETABS for various frame sections in Zone IV and Zone V,	Journal of Harbin Engineering University	2023	-
An Experimental study on strength and Fresh Properties of Fiber Reinforced Concrete with the addition of Sisal Fibers	Journal of Namibian Studies	2023	-
Experimental investigation on self compacting concrete containing Dolomite Dust Powder and Slag Sand	Material Science and Technology	2023	2
An Experimental Study on Strength Characteristics of High Strength Concrete Blended with Nano	Journal of Harbin Engineering University	2024	-

Silica and Slag Sand			
Comparative study of Flat Slabs and Waffle Slabs Structures Using ETABS on Different Earthquake Zones In Indi	Journal of propulsion Technology	2024	2
Comparative Study of Building Frame under Dynamic Loading Including the Effects of PostTensioned Edge Members Analyzed using ETABS	International Journal of Multidisciplinary research In Science	2024	-
An Experimental Study on Self Curing Concrete with Bethamcherla Stone as Partial Replacement of Coarse Aggregate Under Sulphate Attack of Mgso4 Environment	Journal of Harbin Engineering University	2024	-
Strength and Durability studies on Self Curing Concrete with Bethamcharla Stone Waste Under Sulphuric Acid Attack	International Journal of Multidisciplinary research In Science	2024	-
Investigating the impact of Lead Rubber Bearings on SismicBehaviour in Elevation for both Regular and Irregular Frames Using ETABS Software	Journal of Propulsion Technology	2024	-
Comparative Analysis of Concentric Steel Braced Frame Structures Impact of Aspect Ratio Using Pushover Analysis	Journal of Propulsion Technology	2024	-
An Experimental Exploration on Self Curing Concrete with Bethamcherla Stone as Partial Replacement for Coarse Aggregate”,	“ Journal of Technology	2024	-
Flexural Strength Properties of High Strength Concrete Incorporating BethamCherla Stone and Self Curing Agent (Poly Vinyl Alcohol),	Journal of Xi’an University of Architecture & Technology	2024	1
An Experimental Investigation on Self Curing Concrete by Using Poly vinyl Alcohol & Partial Replacement of Coarse Aggregate with Bethacherla Stone	GongchengKexue Yu Jishu/Advanced Engineering Science	2024	1
Strength Properties of High Strength (M50) Concrete containing Bethamcherla Waste Stone as Partial Replacement of Coarse Aggregate by adding Self Curing Admixture-Polyvinyl Alcohol	GongchengKexue Yu Jishu/Advanced Engineering Science	2024	1
<u>Prof.P.R.Bhanu Murthy</u>			
<u>Prof. S. Krishnaiah</u>			
Strength and Leaching Characteristics of Red Mud (Bauxite Residue) as a Geomaterial in Synergy with Fly Ash and Gypsum	Transportation Research Interdisciplinary Perspectives	2022	1
Evaluation on Effect of Alakaline Activator on Compaction Properties of Red Mud Stabilised by Ground Granulated Blast slag	ACTA IMEKO	2022	-
Study on Mechanical Properties of Lime Stabilized Active Bauxite Residue (Red Mud) and Fly Ash to Use as a Subgrade Material in Road Construction	Int. Journal of Mechanical Engineering	2022	-
An Experimental Investigation on the Effect Of Metakaoline and Different Fibers on the Behaviour of Sulfate Infected BC Soil	Int. J. of Engineering, Science and Mathematics	2022	-

Improving the Characteristics Properties of Surface Infected BC Soil Using GGBFS and Different Fibres	Int. Research Journal of Engineering and Technology(IRJET)	2022	2
Effect of Silicafume and Different Fibres on the Behavior of Sulfate Infected BC Soil	Int. Journal of Engineering & Scientific Research,	2022	2
Effect of Addition of Granite Stone Powder and Different Fibres on the Behavior of Sulfate Infected BC Soil	Int. Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	3
Effect of f Sulfate Infected BC Soil with the Addition of Lime Stone Powder and Different Fibres”	Int. Journal for Research in Applied Science & Engineering Technology (IJRASET),	2022	1
Stabilization of Black Cotton Soil using Rice Husk Ash for Flexible Pavement Construction	Int. Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2
Experimental Investigation on Black Cotton Soil	Int. Journal of Research and Analytical Reviews (IJRAR),	2022	3
Experimental Investigation on Strength Properties of Black Cotton Soil Stabilized with GGBFS	Int. Journal of Novel Research and Development (IJNRD),	2022	
An Experimental Investigation on the Behavior of BC Soil Stabilized With Cement	Int. Journal of Novel Research and Development	2023	1
Effect of Stabilization of Black Cotton Soil Using Different Ternary Blends on Atterberg Limits	”,Int. Journal of Creative Research Thoughts (IJCRT)	2023	1
Analysis of the Strength Properties of BC Soil Stabilization Using Fly Ash as Stabilizer	Int. Journal of Research and Analytical Reviews (IJRAR),	2023	1
Impact of Urban Waste on Quality of Ground Water and its Modeling Using Visual Mod Flow-A Critical Review	Int. Journal for Research in Engineering Application & Management (IJREAM)	2023	1
Rainfall-Runoff Process of Pallikaranai Marshland Under the Influence of Perungudi Landfill Site Using HEC-HMS	Int. Journal of Innovative Technology and Exploring Engineering	2024	1
A Critical Review on Evaluation of Sresses in Whitetopping	”, Int. Journal for Research in Engineering Application &	2024	-
“Experimental Study on Mechanical Properties of Macro Synthetics Fibres-Reinforced Binary Concrete Made by Ground Granulated Blast	Int. Journal of Recent Scientific Research (IJRSR)	2024	
Assessment of Tannery Sludge Additions on Physico-Mechanical Properties of Clay Bricks	Canadian Journal of Civil Engineering	2024	-
Prof. C. Sashidhar			
An Experimental Study on the Effect of Macro-Synthetic Fibers on the Impact Resistance of Self-Compacting Concrete Two-Way Slabs	International Journal of Advanced in Management, Technology and Engineering Sciences	2022	2
Automation of Mix Design of Self Compacting Concrete as per IS 10262:2019	Journal of Interdisciplinary Cycle Research	2022	1
Improvising the Self Healing Capabilities of Concrete Using Different Pozzolanic Materials and Crystalline Admixtures	Journal of Wuhan University of Technology	2022	2
Document Details – Predicting The Strength Properties of Self Healing Concrete using Artificial Neural Network (Article)	Journal of Soft Computing in Civil Engineering	2023	2
Experimental studies on mechanical and durability properties of high performance concrete with partial replacement of fine aggregate with crushed Quartzite and binding material by fly ash and silica fume	Materials Today: Elsevier, Accepted (Article in Press).	2023	2

Prof. Vaishali. G.Ghorpade			
Studies on low calcium flyas-GGBS based Geopolymer concrete with slag Sand	Design Engineering	2022	2
Comparative Analysis of a reinforced framed structure under performance based analysis	Journal of North Eastern University	2022	2
Importance of Aspect ratio in the analysis and design of a 15 storied building using ETABS	Journal of North Eastern University	2022	2
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Strength studies on slag sand concrete blended with Rice husk Ash and Glass Powder	Journal of Namibian Studies	2023	2
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An Experimental Study on Strength Characteristics of High Strength Concrete Blended with Nano Silica and Slag Sand	Journal of Harbin Engineering University	2024	-
Comparative study of Flat Slabs and Waffle Slabs Structures Using ETABS on Different Earthquake Zones In Indi	Journal of propulsion Technology	2024	-
Comparative Study of Building Frame under Dynamic Loading Including the Effects of PostTensioned Edge Members Analyzed using ETABS	International Journal of Multidisciplinary research In Science	2024	-
An Experimental Study on Self Curing Concrete with Bethamcherla Stone as Partial Replacement of Coarse Aggregate Under Sulphate Attack of Mgso4 Environment	Journal of Harbin Engineering University	2024	-
Strength and Durability studies on Self Curing Concrete with Bethamcharla Stone Waste Under Sulphuric Acid Attack	International Journal of Multidisciplinary research In Science	2024	-

Investigating the impact of Lead Rubber Bearings on SismicBehaviour in Elevation for both Regular and Irregular Frames Using ETABS Software	Journal of Propulsion Technology	2024	-
Comparative Analysis of Concentric Steel Braced Frame Structures Impact of Aspect Ratio Using Pushover Analysis	Journal of Propulsion Technology	2024	-
An Experimental Exploration on Self Curing Concrete with Bethamcherla Stone as Partial Replacement for Coarse Aggregate”,	“ Journal of Technology	2024	-
Flexural Strength Properties of High Strength Concrete Incorporating BethamCherla Stone and Self Curing Agent (Poly Vinyl Alcohol),	Journal of Xi’an University of Architecture & Technology	2024	1
An Experimental Investigation on Self Curing Concrete by Using Poly vinyl Alcohol & Partial Replacement of Coarse Aggregate with Bethacherla Stone	GongchengKexue Yu Jishu/Advanced Engineering Science	2024	1
Strength Properties of High Strength (M50) Concrete containing Bethamcherla Waste Stone as Partial Replacement of Coarse Aggregate by adding Self Curing Admixture-Polyvinyl Alcohol	GongchengKexue Yu Jishu/Advanced Engineering Science	2024	1
Prof. E. Arunakanthi			
Seismic analysis of bridge structure using CSI bridge software	Journal of North-eastern University	2022	-
Design of optimization of steel in fully stressed fink truss using STAAD PRO software	The Inter Jour of analytical and experimental model analysis	2022	-
Dynamic analysis of sloped building using STAAD PRO	The Inter Jour of analytical and experimental model analysis	2022	-
Role of copper slag on improvement of strength, quality and durability of high-strength self-compacting concrete: an industrial waste	Asian Journal of Civil Engineering	2022	1
Industrial copper waste as a sustainable material in high strength SCC	Cleaner Engineering and Technology	2022	-
Mitigation Techniques For Soft Story on Tall Building Under Seismic Loading using Various Bracing in ETABS	The International Journal of Analysis and Experimental Modal Analysis	2022	-
Seismic Analysis of Shear Wall Building With and Without Stiffness Modifier using SAP2000	The International Journal of Analysis and Experimental Modal Analysis	2022	1
Experimental Investigation Of Strength and Elastic Properties of (M75) Self-Compacting Concrete	The International Journal of Analytical and Experimental Modal Analysis,	2022	2
A Novel approach For Seismic Analysis of Different plan Configurations Under P-Delta action	The International Journal of Analytical and Experimental Modal Analysis	2022	1
Comparative study of Pre-stressed concrete I-Girder Bridge with different codes using MIDAS civil as a tool	Journal of Emerging Technologies and Innovation Research	2023	2
Design and Analysis of Multi Story Building on Slopping Ground and Flat Ground by using ETABS	Industrial Engineering Journal	2023	1
Analysis of Fragility Curves Of RC Flat Buildings with and without Infill Effect using Pushover	Journal of Emerging Technologies and Innovation Research	2023	2

Method in SAP			
Prediction of Compressive Strength of Concrete Containing used Engine Oil using ANN	Journal of Emerging Technologies and Innovation Research	2023	-
Comparative Performance Evaluation of Short Span RC Bridges Subjected To Various Soil Structure Interaction using SAP 2000 as a Tool	Journal of Emerging Technologies and Innovation Research	2023	1
Comparative Performance Evaluation of Unreinforced Masonry (URM) Infilled RC Frames Subjected to Various Ground Motions using ETABS Tool	Journal of Emerging Technologies and Innovation Research	2023	1
Failure Control of a Skyscraper using arious Methods of Retrofitting Methods using ETABS as a Tool	Journal of Emerging Technologies and Innovation Research	2023	-
Non Linear Dynamic Analysis of G+7 Building Under Blast Load by SAP 2000	Journal of Emerging Technologies and Innovation Research	2023	2
Comparative Analysis and Design Detailing of High-Rise RC Building Structure Considering CSI Detailing and RCDC	Journal of Emerging Technologies and Innovation Research	2023	-
Properties of high strength concrete with replacement of waste ceramic as fine aggregate	Journal of North-eastern University	2023	1
Health Monitoring of self compacting concrete deterioration using image processing	International Research Journal Of Engineering and Technology	2024	-
Study on the Behaviour of beams under the Chemical Attack by using ATENA Software	International Journal of Multidisciplinary Research in Science	2024	2
Health Monitoring deteriorated Concrete Using an Calorimetry Analysis	International Research Journal Of Engineering and Technology	2024	-
Analyzing Colour Stability as a Measure of Chemical Induced Deterioration in High Strength Concrete	International Journal of Multidisciplinary Research in Science, Engineering and Technology	2024	3
An Experimental Investigation on Health Monitoring of Cement Mortar Deterioration using Image Processing	International Journal of Multidisciplinary Research in Science, Engineering and Technology	2024	-
Prof. R. Bhavani			
Stage of Groundwater Development-A Case study for Handri river basin, Andhra Pradesh, India	Journal of Indian Water Works Association	2022	1
Chemically Modified Lignocellulosic Biochars From Vetiver Onto Adsorption Of Pb+2 And Ni+2	Advanced Engineering Science	2022	-
Identification of Groundwater potential areas using Remote sensing and GIS techniques	Xidian University	2022	2
An investigation of the biomedical waste ash on cement mortar bricks 2023	European Chemical Bulletin (Elsevier SCOPUS).	2023	1
Assessment of flood in Nandigama, Andhra Pradesh, using hydrological and hydraulic models.	World Water Policy, 1–20	2023	1
Impact of COVID-19 Lockdown on Air Quality and Source Identification During Lockdown in Andhra Pradesh, India	J Indian Soc Remote Sens (2023)	2023	1
Assessing future flood in Nandigama through land use, land cover, and rain fall analysis	journal of Water & Climate Change	2023	1
Hydrological Modeling of Urban Flooding in NandigamaLand use Dynamics and climate influence	Earth and Environmental Science,	2023	1
Impact of Land-Use Changes on the Runoff of Nandigama, Andhra Pradesh, India	Ecological Engineering and Environmental Technology	2024	-
Assessment of the geotechnical and environmental reuse potential of soil-like material recovered from Anantapur dumpsite,	South India. Journal of Material Cycles and Waste Management	2024	-

Dr. D. Jagan Mohan

experimental investigation on strength properties of concrete made with sustainable materials	International Research Journal of Engineering and Technology IRJET	2023	-
Construction of a High-Level Bridge.	International Journal of Scientific Development and Research (IJS DR).	2023	-
Removal of Nitrate from water using Natural Adsorbent	international Journal of Research and Analytical Reviews (IJRAR.ORG)	2024	-

Dr.D.Pavan kumar

Investigating the strength properties of concrete after incorporating rice husk ash and leca as replacements to opc and coarse aggregate	Anveshana's International Journal of Research in Engineering and Applied Sciences	2023	-
Experimental investigation on strength properties of light weight aggregate concrete with agricultural waste ash as a replacements to opc	Anveshana's International Journal of Research in Engineering and Applied Sciences	2023	-
Effect of rice husk ash and leca on the fresh and flexural strength of lightweight concrete	Anveshana's International Journal of Research in Engineering and Applied Sciences	2024	-
Effect of maize cob ash and leca on the fresh and flexural strength of lightweight concrete	Anveshana's International Journal of Research in Engineering and Applied Sciences	2024	-

K.Mani

experimental investigation on strength properties of concrete made with sustainable materials	International Research Journal of Engineering and Technology IRJET	2023	-
Construction of a High-Level Bridge.	International Journal of Scientific Development and Research (IJS DR).	2023	-
Removal of Nitrate from water using Natural Adsorbent	international Journal of Research and Analytical Reviews (IJRAR.ORG)	2024	-

K.Sreekanth

experimental investigation on strength properties of concrete made with sustainable materials	International Research Journal of Engineering and Technology IRJET	2023	-
Construction of a High-Level Bridge.	International Journal of Scientific Development and Research (IJS DR).	2023	-
Removal of Nitrate from water using Natural Adsorbent	international Journal of Research and Analytical Reviews (IJRAR.ORG)	2024	-

G .Mahaboob Basha

experimental investigation on strength properties of concrete made with sustainable materials	International Research Journal of Engineering and Technology IRJET	2023	-
Construction of a High-Level Bridge.	International Journal of Scientific Development and Research (IJS DR).	2023	-
Removal of Nitrate from water using Natural Adsorbent	international Journal of Research and Analytical Reviews (IJRAR.ORG)	2024	-

Synthesis and characterization of alkali-activated binders with slag and waste printed circuit board Author links open overlay panel	Journal of Hazardous Materials Advances	2024	-
Smt.G.Nirupama			
1. An Experimental Study On Strength Characteristics Concrete by Partial Replacement of Coarse Aggregate with Bethamcherala Waste Stone	International Research Journal on Advanced Engineering Hub (IRJAEH)	2024	1