



RESEARCH

International Journal of Engineering and Science

IJES

INVENTY

Research Inventy: International Journal of Engineering and Science (IJES)

URL: www.researchinventy.com

CERTIFICATE OF PUBLICATION

We are happy to announce that paper title “**Utilization of Polypropylene (PP) Plastic Waste as a Substitute for Fine Aggregate on Indirect Tensile Strength Performance in AC-WC Asphalt Mixtures**” written by “**Shopyah Ramadhani Sarika**” has been published in this journal with following details:

Volume No.: 16

Issue No.: 07

Page: 01-07

Month & year: July 2026



**Executive Editor,
Research Inventy: International Journal of Engineering and Science (IJES)**

ISSN (e): 2278-4721

ISSN (p):2319-6483



RESEARCH

International Journal of Engineering and Science

IJES

INVENTORY

Research Inventory: International Journal of Engineering and Science (IJES)

URL: www.researchinventory.com

CERTIFICATE OF PUBLICATION

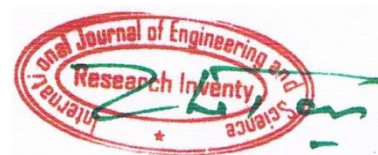
We are happy to announce that paper title “**Utilization of Polypropylene (PP) Plastic Waste as a Substitute for Fine Aggregate on Indirect Tensile Strength Performance in AC-WC Asphalt Mixtures**” written by “**Arief Setiawan**” has been published in this journal with following details:

Volume No.: 16

Issue No.: 07

Page: 01-07

Month & year: July 2026



**Executive Editor,
Research Inventory: International Journal of Engineering and Science (IJES)**

ISSN (e): 2278-4721

ISSN (p): 2319-6483



RESEARCH

International Journal of Engineering and Science

IJES

INVENTORY

**Research Inventory: International Journal of Engineering and Science
(IJES)**

URL: www.researchinventory.com

CERTIFICATE OF PUBLICATION

We are happy to announce that paper title “**Utilization of Polypropylene (PP) Plastic Waste as a Substitute for Fine Aggregate on Indirect Tensile Strength Performance in AC-WC Asphalt Mixtures**” written by “**Ratnasari Ramlan**” has been published in this journal with following details:

Volume No.: 16

Issue No.: 07

Page: 01-07

Month & year: July 2026



**Executive Editor,
Research Inventory: International Journal of Engineering and Science (IJES)**

ISSN (e): 2278-4721

ISSN (p): 2319-6483