

VEE VEE CONSTRUCTIONS

DESIGNER AND BUILDERS

Er.B. ASHOK KUMAR B.E., MBA

MOBILE NO: 9791202260

10.08.2021

To

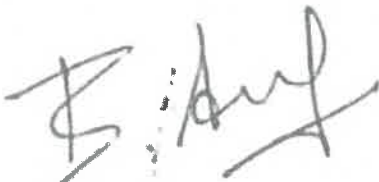
The Principal,
Indra Ganesan College of Engineering,
Manikandam,
Trichy, 620 012

Dear Sir/Madam,

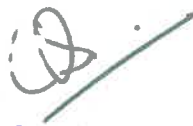
Subject: Enquiry Regarding consultancy work brochure – Aggregate testing for Bitumen

We should greatly thank you for sharing the Consultancy Work Brochure of Indra Ganesan College of Engineering. We are particularly required the Aggregate testing for Bitumen. Kindly provide information on the cost structure for the Aggregate testing for Bitumen.

For vee vee constructions



B. ASHOK KUMAR
Authorized Signature



Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam Trichy-620 012.



17.08.2021

Trichy

To

VEE VEE Constructions
No.22, Bharathiyar Street,
Rms Colony, Edamalaipattipudur
Trichy-620012

Respected Sir,

Sub: Submission of consultancy work quotation- Reg.

Greetings from Indra Ganesan College of Engineering!!!

We thank you for considering our consultancy work brochure and we received your requirements about Aggregate Test for Bitumen. In this connection, we would like to inform you that the consultancy charges for the following test is furnished here.

S.NO	TYPE OF TEST	CHARGES (IN Rs.)	UNIT
1	Aggregate Test for Bitumen	1500	1
	TOTAL	1500	

We request you to kindly consider the above proposed consultancy charges and we are eagerly awaiting for your kind sanction of the consultancy work.

Thanking you

PROJECT INVESTIGATOR

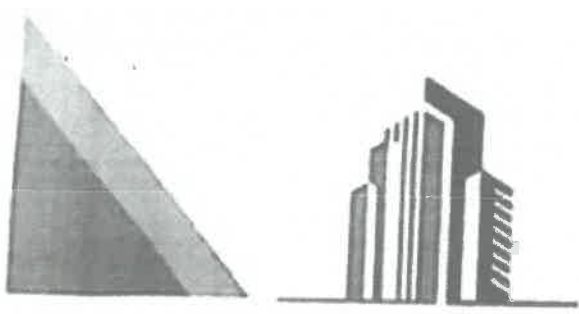


Dr. S. BHARATHI RAJA
PRINCIPAL

Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012

Madurai Main Road,
NH-45B, Manikandam
Tiruchirapalli - 620 012
Tamil Nadu, South India

Mobile : 85086 88845
Phone : 0431 2906565
Web : www.igceng.in
igceprincipal@gmail.com



VEE VEE CONSTRUCTIONS

DESIGNER AND BUILDERS

Er.B. ASHOK KUMAR B.E., MBA

MOBILE NO: 9791202260

27.08.2021

To

The Principal,
Indra Ganesan College of Engineering,
Manikandam,
Trichy-620 012

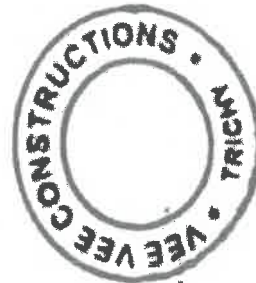
Dear Sir/ Madam,

Subject: Sanctioned Amount- Aggregate Test for Bitumen.

We have accepted the consultancy work on Aggregate Test for Bitumen. We are decided to grant a **amount of Rs.1500** and assure you that our team will be helpful in the entire required situation to complete the project.

For vee vee constructions

B. ASHOK KUMAR
Authorized Signature



Dr. G. Balakrishnan, M.E., Ph.D.
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CONSULTANCY PROJECT ENDOWMENT REPORT

AGGRGATE TEST FOR BITUMEN

SUBMITTED

TO

**No.22, Bharathiyar Street
Rms Colony, Edamalaipattipudur
Trichy-620012**

Delivery Date: 02.09.2021

Dr. G. Balakrishnan, M.E., Ph.D.
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road,
Manikandam, Tiruchirapalli-620 012

CONSULTANCY TEST REPORT

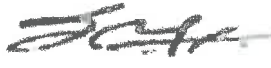
Date of Casting: 27.08.2021


Date of Testing: 02.09.2021

Test conducted : Aggregate testing of bitumen

Content	Value	Obtained value
Absolute viscosity at 60°C, cP**	2400-3600	2625
Kinematic viscosity at 135°C, cSt***	≥350	450
Penetration at 25°C, 0.1mm	50-70	59
Softening point (Ring and Ball), °C	≥47	55
Solubility in trichloroethylene, %	≥ 99	98.8
Flashpoint (Cleveland open cup), °C	≥ 220	300
Test on RTFO residue		
Viscosity ratio at 60 °C	≤ 4	2.9
Ductility at 25 °C, cm	≥ 40	68
Equivalent superpave classification	PG 64-16	


TEST CONDUCTED


PRINCIPAL
Dr.S.BHARATHIRAJA


Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



02.09.2021

Trichy

UTILIZATION CERTIFICATE

Certified that an amount of **Rs 1500/- (One Thousand Five Hundred Only)** sanctioned during the year **2021-2022** in favor of civil engineering received from **VEE VEE Constructions** has been utilized for the project consultancy work titled **"Aggregate Test for Bitumen"**. The purpose for which it was sanctioned has been duly fulfilled and delivered as per the conditions of the grant.

G. Bharathi

PROJECT INVESTIGATOR



S. Bharathi Raja

Dr. S. BHARATHI RAJA
PRINCIPAL

Madurai Main Road,
NH-45B, Manikandam
Tiruchirapalli – 620 012
Tamil Nadu, South India

G. Balakrishnan
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

Mobile : 85086 88845
Phone : 0431 2906565
Web : www.igceng.in
igceprincipal@gmail.com