

RESUME

TOM DAMION

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ACADEMIC CREDENTIALS

Year of Graduation	Qualification	School/College	Board/University	CGPA/ Percentage
(2018 admission)	Ph.D.	IIT Madras	IIT Madras	8.71/10
2018	Master of Technology, Structural Engineering and Construction Management	Mar Athanasius College of Engineering, Kothamangalam, Kerala	APJ Abdul Kalam Technological University	8.89/10

2016	Bachelor of Technology in Civil Engineering	Mar Athanasius College of Engineering, Kothamangalam	Mahatma Gandhi University, Kerala	8.04/10
2012	XII	De Paul Public School, Thodupuzha, Kerala	CBSE	90 %
2010	X	De Paul Public School, Thodupuza, Kerala	CBSE	9.8/10

ACADEMIC ACHIEVEMENTS

- Consistently one among the top 5 positions in class in B.Tech and top 2 positions in M.Tech.
- Received Golden Jubilee Scholarship of Diocese of Kothamangalam, which was awarded to 25 meritorious professional students in Kerala for B.Tech and M.Tech.
- B.Tech with top grade in MG University- First class with honours.
- Full credit in Engineering Mechanics, one of the important basic science subjects.
- Secured M.Tech admission at NIT Surathkal with first GATE attempt in 2016.
- Secured first place in the rank list for M.Tech seat allotment to MACE.
- Satisfied the special criteria for exemption from Comprehensive Written exam by securing 8.5 above CGPA from six courses during coursework period at IITM.

Exam	Year	Organising Institute	Result
GATE	2016	IISC BANGALORE	95.45 percentile
	2017	IIT ROORKEE	95.26 percentile
NPTEL <i>Project Planning and Control</i>	2016	IIT MADRAS	Elite grade

NPTEL <i>Hydration Porosity and Strength of cementitious materials</i>	2017	IIT MADRAS	Topper
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TRAININGS

- Coordinated and participated in ICI-IMPRINT seminar on ‘structural and durability performance of post –tensioned bridges and buildings’ at IIT Madras on April 12, 2019
- Participated in ‘Art of Thesis Writing’ workshop at Loyola College ,Chennai on October 12,2019.
- Participated in the workshop “Theory and Applications of ICP-OES” conducted at SAIF, IIT Madras on November 8,2019.
- Faculty development programme on ‘Advanced Concrete Technology’ on December 2017 at MACE.
- Faculty development programme on ‘Art of Sustainable Design and Engineering’ on March 22-24, 2017 at MACE.
- M.Tech internship at Safematrix Pvt. Ltd. Muvattupuzha for 6 months in 2016.
- Entrepreneurship Orientation Programme organized by KITCO. Ltd. at MACE on July 23-25,2015.
- Undergone workshop on *Disaster Management* by Dr. Eldoh (professor, IIT Bombay) at MACE on 2014.
- Workshop on *Applied Mechanics* conducted at Vishwajyothi College of Engineering, Muvattupuzha on July 4-5, 2014.
- B.Tech Internship at Little Flower Constructions, Thodupuzha on June, 2014.

ACADEMIC PROJECTS

- Ph.D thesis - Acid resistance of CSA based binders, under the guidance of Dr. Piyush Chaunsali
- M.Tech project- KSCSTE funded project under the guidance of Dr. Elson John- ‘ *Study on the Properties of Aerated Concrete with PVC Granules* ’.
- B.Tech project- ‘ *Use of plastic bottle strips as an admixture in the soil sub- grade for road construction* ’- under the guidance of Dr. Solly George.

PUBLICATIONS

1. 'Use of plastic bottle strips as an admixture in the soil sub-grade for road construction' published in IRJET journal volume 3,issue 4, April 2016.
2. 'Comparative study on the effect of different waste materials on weak soil for better pavement Sub-grade'. at KETCON 2017.
3. Tom Damion, Dr. Elson John and Indu Susan Raj (2018, April 11), Study On the Properties of Aerated Cement Paste Incorporating Fly Ash and PVC Granules, *National Conference on Recent Emerging Advances in Civil Engineering and Technology*, Vidya Academy of Science and Technology, Thirur, page 9.(Secured **best paper award**)
4. Tom Damion and Dr. Piyush Chaunsali, Durability of Calcium Sulfoaluminate based binders (poster), *Concrete Research in India*, December, 2018

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Presented a paper on *Energy Efficient Structures* at National level paper presentation of Takshak ,2013, at MACE.
- Won prizes in elocution, quiz and represented school in district and won first prize for poetry writing.
- Registered craftsman under *Ministry of Textiles, Government of India*.
- Worked as Campus ambassador of MACE for CEA Fest,2017 of IIT, Madras..

PERSONAL DETAILS.

Gender : Male

Date of birth : 17/06/1993

Languages : English, Malayalam, Hindi

Software Skills : XRD HighScore plus , MATLAB, MINITAB, C programming, STAAD, ANSYS, STRAP, ETABS, Primavera Suretrak, Origin, ImageJ, AutoCAD

Hobbies : Drawing, Church choir