

IGNITE 2022

A DAILY NEWSLETTER



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PLACEMENT NEWS



G. Adhishesan
(3128103001)



KHAAS
Engineering For Integrity



ISO 9001:2015 Certified

OFFER LETTER

Date: 27/02/2022

G. Adhishesan
No-67/19, Bashyam street,
Manjakuppam,
Cuddalore- 607001,
Contact No- 7539941018

Dear G. Adhishesan

We are pleased to offer you the *full-time* position of Design Engineer Trainee at KHAAS Design & Engineering Pvt Ltd with a start date of 28/02/2022. You will be reporting directly to Mrs. Yogeshparri Gandhi (Design Engineer) at the Chennai office. We believe your skills and experience is an excellent match for our company.

In this role, you will be required to do as follow as your JD.

- The ability to work in a variety of constructions environment including Commercial, Environment, Industrial, and healthcare-related projects.
- Manage and Coordinate project deliveries/delegated tasks with offshore production team- Review and QA/QC project deliverables.
- Learn and demonstrate proficiency in software related Civil & Structural Engineering.

Mr. G. Adhishesan, IV Year Student, Department of Civil Engineering has been placed in KHAAS Design & Engineering Pvt. Ltd., as a Design Engineer Trainee.

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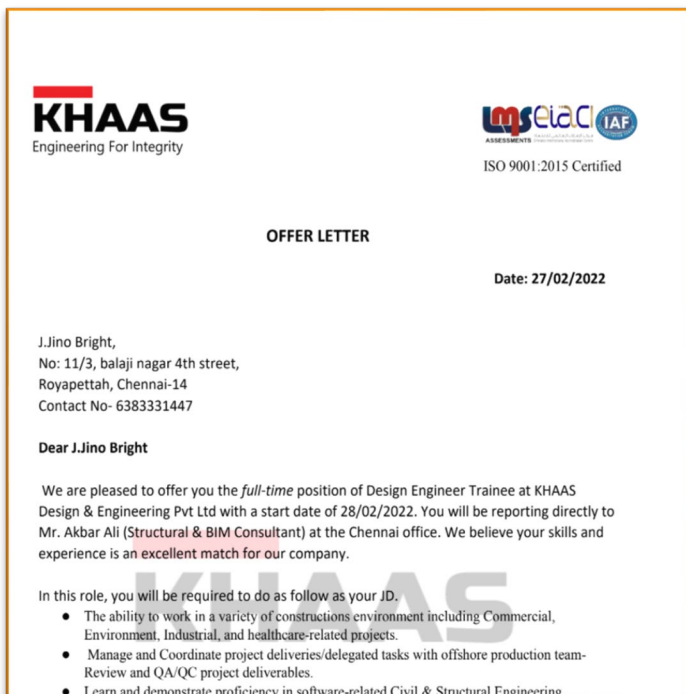
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PLACEMENT NEWS



J. Jino Bright
(312818103005)



Ms. J. Jino Bright, IV Year Student, Department of Civil Engineering has been placed in KHAAS Design & Engineering Pvt. Ltd., as a Design Engineer Trainee.

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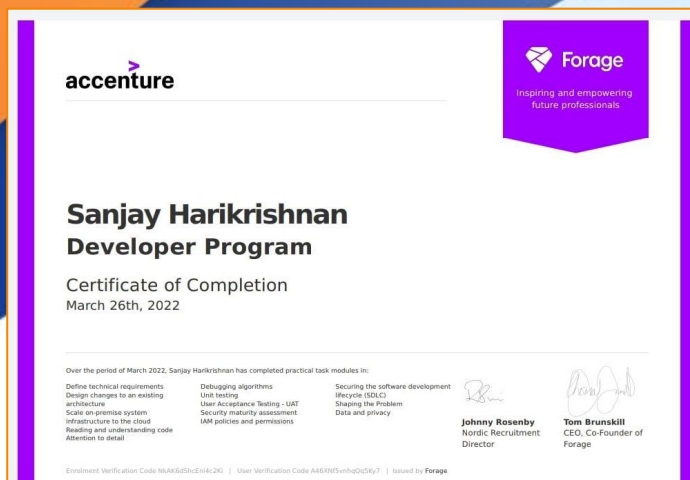


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STUDENT ACHIEVEMENT



accenture

Vishnu Aravind R, Shrijayanth S and Sanjay Hari Krishnan, III year students, Department of Computer Science and Engineering have completed a Course of a Developer organized by the Accenture, Chennai.

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AGNI INTERNAL HACKATHON 2022



The students team from the Department of Computer Science and Engineering have presented a project on Simplifying Attendance During Examination and Evaluation Process through Online Tracking Process in the Agni Internal Hackathon - 2022 on 25th March 2022.

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PARENT HOD INTERACTION



Dr. Meera, Head, Department of CSE had met the parents of the students and discussed Regarding placement and academics.

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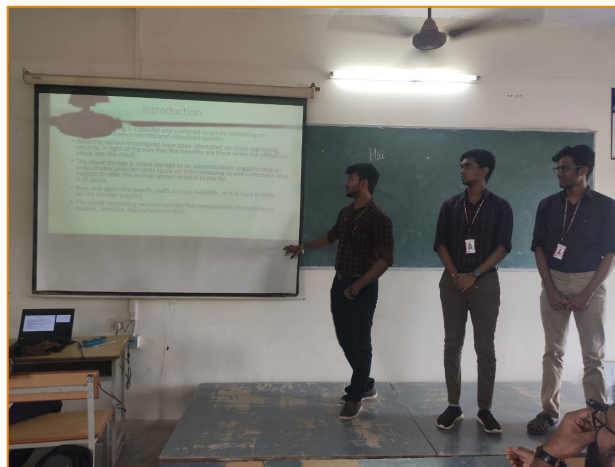


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FINAL YEAR PROJECT REVIEW



Final year students' project review has been conducted in the department of CSE in the guidance of the mentor and in the presence of Dr. Meera S, Head, Department of CSE.

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PLACEMENT NEWS

Date: 10th Jun 2021

To,
Mr. Kongara Tenikar,

Subject: Offer /Appointment Letter

Dear Tenikar,

The management takes great pride in informing you that you have been appointed as 'Intern Trainee' in our organization w.e.f. 19th Jun 2021.

Your salary will be **Rs. 2,16,000.00/-** CTC per annum, payable in twelve equal monthly installments in arrears (Refer Annexure-A).

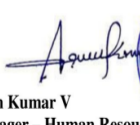
We congratulate you on your appointment and wish you a long and successful career with us. We are confident that your contribution will take us further in our journey towards becoming world leaders.

You will be paid gross emoluments as detailed in Annexure – A.

You have to agree the special terms and conditions as described in Annexure – B.

Your employment with us will be governed by the Terms & Conditions as detailed in Annexure – C.

Thanking you,
For Icroz Solutions Private Limited


Arun Kumar V
Manager – Human Resources



Mr. Kongara Tenikar, IV Year Student, Department of Computer Science and Engineering has been placed in ICROZ Solutions Private Limited as an Intern Trainee.

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Mechanical characterization and morphological behavior of a novel composite of ABS polymer strengthened by cellulose

S. Ponsuriyakrishna^a, P. Udhayakumar^a and R. Pandiyarajan^b

^aDepartment of Mechanical Engineering, KLN College of Engineering, Sivagangai, India; ^bDepartment of Mechatronics Engineering, Agni College of Technology, Thalambur, Chennai, India

ABSTRACT

The present work is a novel investigation of the mechanical behavior of a fabricated cellulose-fiber-reinforced acrylonitrile-butadiene-styrene (ABS) polymer matrix composite. Polymer matrix composite (PMC) samples were prepared by varying ratios of ABS and cellulose weight percentages such as pure ABS, 90:10, 80:20, 70:30, 60:40, and 50:50. In comparison with pure ABS, the maximum improvements of mechanical behaviors observed from the fabricated materials are 22.22% of flexural strength, 51.11% of impact strength, 15% of hardness, and 50% of compression strength; also, morphological studies like X-ray diffraction and field emission scanning electron microscopy were carried out, and their correlations were obtained for similar ABS matrix composite materials. The addition of 20 weight percent of cellulose reinforcement with 80 weight percentage of the ABS matrix composite improved the flexural strength to 63MPa, impact strength to 34 J/m²; hardness to 83.1, and shore D and compressive strength to 18 MPa.

ARTICLE HISTORY

Received 17 June 2021
Accepted 21 January 2022

KEYWORDS

ABS/cellulose PMC; flexural; impact; hardness; compression; X-ray diffraction; fractographical analysis

Dr. R. Pandiyarajan, Head, Department of Mechatronics has published a paper on **Mechanical Characterization and Morphological Behavior of a Novel Composite of ABS Polymer Strengthened by Cellulose** in SCI Indexed Journal (Journal of the Chinese Institute of Engineers-Taylor & Francis Publication).

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View Reviewer Comments Similar Articles in MEDLINE Send E-mail	1	MATPR-D-22-02095	SI-ICAMIS 2022	Evaluation of Thermo mechanical and Corrosion Properties of Uniaxially Pressed Refractory blocks used in the Transition Zone of Cement Rotary Kilns	Mar 24, 2022	Under Review	Mar 24, 2022	Mar 24, 2022	Apr 07, 2022	Mar 25, 2022	1	Arun Kumar Talipamula, PhD	Manisha Vidyavathy S
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Page: 1 of 1 (2 total assignments) Results per page: 10													

Dr. R. Pandiyarajan, Head, Department of Mechatronics has reviewed two Research manuscript on **1. Evaluation of Thermo mechanical and corrosion properties of Uniaxially pressed Refractory blocks used in the Transition Zone of cement Rotary Kilns. 2. Analytical Approach on Indian Bentonites in Materials Today: Proceedings - Elsevier Journal on 25th March 2022.**