



Kumar Rishav
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M.Tech
Male
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Examination	University	Department	Year	CPI
Post-Graduation (M.Tech)	IIT (ISM) Dhanbad	Fuel	2019	8.11
Graduation (B.Tech)	HIT Kolkata	Chemical	2017	7.48

ONLINE CERTIFICATION

Professional Digital Marketing Course – INDUSTRY Creds™ certification	Aug'19-Present
<ul style="list-style-type: none"> Underwent the Super Consumer Deep Dive for Cashify, identified the communication challenge and the brand solutions, and created the targeting strategy for the app on Facebook and Google Ads Performed Keyword Analysis for Cashify and created the Off-Page SEO and SEM strategy. Suggested layout for Cashify website to create a customer decision tree and re-target consumers with customized communication. Created the Content and Email strategy for Cashify 	
The Fundamentals of Digital Marketing – Digital Unlocked	Aug'19
<ul style="list-style-type: none"> Google Certified, Credential ID - QBH LP5 F4G 	

MAJOR RESEARCH EXPERIENCES

Study of Briquettes Formed using Coal and Biomass	Aug'18-July'19
Postgraduate THESIS IIT (ISM) Dhanbad Guide: Dr. Shalini Gautam (Assistant Professor)	
<ul style="list-style-type: none"> Conceptualized and executed 45 experiments; testing the feasibility of briquettes formed Achieved 40% increase in power output; investigated production of alternative fuel by identifying critical parameters and optimization Developed calibration curve with 93.7% goodness of fit using regression model between density terms with increase in biomass percentage Led plant troubleshooting; regularized procurement of raw materials and utilities Obtained 4-fold reduction in burning time by identifying bottlenecks and listing energy efficient solutions 	
Simulation of Two Phase Fluid Flow using Level Set Method	July'16-June'17
Undergraduate Dissertation HIT Kolkata Guide: Dr. Sulagna Chatterjee (Professor)	
<ul style="list-style-type: none"> Analytically analyzed high performance micro pump and modified under given operating conditions and contact angle Established relation between contact angle and major performance evaluated parameter using COMSOL Multiphysics Software Implemented setting up of boundary variables and domain related for flow Improved detachment of droplets and pacing disengagement of detached droplets from interface proving easy simulation 	

PROFESSIONAL TRAINING

Auroma Coke Limited, Dhanbad	Summer'18
<ul style="list-style-type: none"> Ramped up the profit enhancing quality of raw coal from coal mines; contributed in annual capacity of 1 million tons Optimized series of operations involved in Coal Washery Division Suggested fast processing of raw coal from crusher to its separation into clean coal, middling and reject resulting 10% increase in efficiency and improved storage system 	
Kolkata Metropolitan Water & Sanitation Authority, Kolkata	Summer'16
<ul style="list-style-type: none"> Rendered quality service with proposed hypothesis, engaged with authority thus enhancing segregation in raw water, increasing quality by 10% of purified drinking water Optimized and implemented intensified cleaning technique in raw water treatment Analyzed conventional water treatment method; led to periodic lab testing to ensure water and effluents 	

SKILLS

Data Analyst: Excel; PowerPoint, Word; **Design Tool:** AutoCAD; **Programming:** C, C++; Adobe Photoshop;

Key Competency: SEO, SEM, Google Analytics, Google Ads, Market Research, Event and campaign management, analytics and data insights, Business strategy, content marketing, strategic planning, display advertising, e-commerce, email marketing, social media and video, web optimization; Excellent Networking and Inter-personal skills.

SEMINARS

Influence of coal fluidity on coal blend and coke quality

Summer'18

- Presented **detailed analysis** of decrease in fluidity with addition of non-coking coal
- Examined and explained the measured effects on decreasing fluidity due weathering

Liberation characteristics of Indian coking coal through Washability

Winter'17

- Segmented liberation characteristics of two size fraction of coal (50mm and 6mm)
- Analyzed the theoretical yield of **24.5%** and **44.5%** clean coal at 10% ash content

POSITIONS OF RESPONSIBILITY

- Teaching Assistant for FME-18 & 19** under Prof. N Suresh, IIT(ISM) Dhanbad 2019
- Assisted and managed to successfully invite participation of over **150+** students in the festival, **SRIJAN'18 (IIT)** 2018
- Coordinated **5+ events** and an active crew member in annual cultural Fest, **ECLECIA'17** 2017
- Managed advertisement campaigns and publicity across **10** colleges in Kolkata leading a team of 12 members 2017
- Managed and coordinated **Management Team of Students Council** in Technical Event (**DAKSH '17**) 2016

SCHOLASTIC ACHIEVEMENTS

- Secured **3rd position Among 3 SEATS** (UR Category) in **ISMEE** 2017
- Secured **84.21** percentile in **BARC TS** Online Examination among **18k** candidates 2017
- 1st International Cyber Olympiad**, International / State / School rank-**758/12/11** 2010
- 2nd Nationwide Interactive Science Olympiad** National /State /School rank-**1401/16/12** 2010

EXTRA CURRICULAR ACTIVITIES

CULTURAL	<ul style="list-style-type: none">Actively participated in INDIAN IDOL season 10 ['18] and 11 ['19]; Cleared round 2 in Season 10Recognized and promoted music video by The Voice of India Page; crossing 9.5k views in a day ['19]Led the induction (music) and selection process for junior batches with 4 round of evaluation ['19]Volunteered annual fest, dance category; successfully marked up registration for 42 competitorsCoordinated and managed Solo-singing category, fetching 47 registered participants across 15 collegesEstablished engagement with 700+ students across campus, being active crew memberWon and mentored 10+ art and pencil sketch competition; awarded 1st 2nd 3rd at school levelRepresented school at Zonal Level in Drawing and Painting competition ['10]
SOCIAL	<ul style="list-style-type: none">Led a team of 15 and distributed clothes collected from hostels and society to underprivileged children
SPORTS	<ul style="list-style-type: none">Represented department in 10+ matches in inter-college Football gamesInter-Hostel Cricket Tournament: contributed with team members, Topaz Hostel, (IIT ISM'19)Participated and contributed in a 7 player team in Inter-Department Gali-Cricket, (IIT ISM'18)