

[Home \(index.php\)](#) / [Achievements](#)



Achievements

([singlePage.php?id=17&type=SP](#))

❖ SEMINAR /SYMPOSIA/WORK SHOP AND SUMMER OR WINTER SCHOOL CONDUCTED

- Skill & Technology up-gradation program for mining engineers in collaboration with UCCI, Udaipur, 13.09.1999 to 09.10.1999: Course coordinator -Dr. S. S. Rathore.
- National workshop on Safety & Technology in Marble Mining & Processing in New Millennium on March 10-11,2000 in collaboration with Directorate General of Mines Safety, GOI, Organizing Secretary - Dr. S. S. Rathore.
- Skill & Technology up-gradation program for mines managers & mining engineers in collaboration with MEAI, Udaipur, 06.07.2002 to 07.07.2002, Course coordinator -Dr. Anupam Bhatnagar.
- National seminar on Recent development in machinery and equipment for dimensional stone mining on 13-14 Dec. 2003 under the aegis of Mining Engineers' Association of India, Udaipur Chapter, Organizing Secretary - Dr. S. S. Rathore.
- Seminar on Technical Education of Rajasthan on 6 & 7 Oct. 2004 for the silver (<http://www.ctae.ac.in/index.php?id=59&type=DP>) jubilee of Institution of Engineers (I), Local Chapter, Organizing Secretary - Dr. S. S. Rathore & Assistant Organizing Secretary -Dr. Anupam Bhatnagar
- National Seminar on Mining Technology and Environmental Issues under the aegis of Mining Engineers' Association of India, Udaipur Chapter and D.M.G., Govt of Rajasthan, Organizing Secretary - Dr. S. S. Rathore
- Indian Mining Congress on Emerging Trends in Mineral Industry during July 13-15, under the aegis of Mining Engineers' Association of India, Udaipur Chapter, Joint Organizing Secretary: Dr. S.S. Rathore
- Indian Engineering Congress on Globalization: Engineering and Technological Challenges, during December 14-16, 2007 under the aegis of Institution of Engineers (I), Udaipur Local Center, Udaipur, Rajasthan Joint Organizing Secretary: Dr. S.S. Rathore.
- National Workshop on Reduction of Waste Generation in Mining and its Utilisation during 18th May 2008, under the aegis of MEAI – Rajasthan Chapter, Organising Secretary: Dr. S.S. Rathore, Joint Organising Secretary: Dr. S.C. Jain

- National Seminar on Technological Advancements in Mining Industry , Org. by IEI-Udaipur Local centre and MEAI-Raj Chapter, Udaipur during December 4-6, 2009 Organizing Secretary: Dr. S.S. Rathore, Joint Organizing Secretary: Dr. S.C. Jain
- Workshop on Application of Non Explosive Material at Aditya Cement September 16, 2010 Mining Engineers' Association of India, Rajasthan Chapter Udaipur, Organizing Secretary: Dr. S.S. Rathore, Joint Organizing Secretary: Dr. S.C. Jain
- Seminar on Trackless Underground Mining at Rajpura-Dariba Mine, March 12, 2011, Org. by Mining Engineers' Association of India, Rajasthan Chapter Udaipur, Organizing Secretary: Dr. S.S. Rathore, Joint Organizing Secretary: Dr. S.C. Jain
- Nat.Sem. on Problems of Mining industry and Advanced Technology, Org.by Mining Engineers Association of India, Raj.Chap. Udaipur and Mining Engg.Dept, CTAE, MPUAT, Udaipur held during 7-8 March 2014 at Udaipur, pp 132-139. Organizing Secretary: Dr. S.S. Rathore, Joint Organizing Secretary: Dr. S.C. Jain
- Nat.Sem. on “Recent Mining & Environmental Issues in India”, Org.by Mining Engineers Association of India, Raj.Chap. Udaipur, Jodhpur & Jaipur, In Association with College of Technology and Engineering, MPUAT, Udaipur during 7-9 July 2017 at Udaipur; Convener: Dr. S.S. Rathore, Organising Secretary: Dr. S.C. Jain
- Nat.Workshop. on “Problems of River Sand Mining and Its Alternate”, Org.by Mining Engineers Association of India, Raj.Chap. Udaipur, Dept. of Mines and Geology, GoR and Mining Engineering Department, College of Technology and Engineering, MPUAT, Udaipur during April 21-22, 2018 at Udaipur; Chairman: Dr S.S. Rathore Organising Secretary: Dr. S.C. Jain

One day Workshop organized by Mining Engineering Department and MNIT Jaipur, sponsored by TEQIP III on "Recent advances in surface and underground Mining" on 10th April 2019 at Mining Engineering Department, CTAE Udaipur.

• • • ❖ **AWARDS AND FELLOW MEMBERSHIP**

S. No.	Name	Name of the Award	Name of Agency
1.	Prof. (Dr.) S.C. Jain Assoc.Prof. & Head	Jawaharlal Nehru Memorial Fund Award	Jawaharlal Nehru Memorial Fund, New Delhi 1992-93
		Sitaram Rungta Memorial Award 2009-10	Mining Engineers' Association of India in July 2010
		MEAI-SRG Information Technology Award 2013-14	Mining Engineers' Association of India
		MEAI Membership Development Award 2014-15	Mining Engineers' Association of India
		Abheraj Baldota Gold Medal Award (Mining Engineer of the year 2017)	Mining Engineers' Association of India
		Appreciation certificate on 15 th August 2019 Independence day in recognition of his outstanding services	Maharana Pratap University of Agriculture and Technology
2.	Prof. (Dr.) A. Bhatnagar Professor	Young Teacher Career Award (2002)	AICTE, New Delhi
		Sitaram Rungta Memorial Award	Mining Engineers' Association of India in July 2007
		Appreciation certificate on 26 th January 2013	MPUAT, Udaipur
3.	Dr. Akhil Avchar Asstt.Prof. (NPIU)	Abheraj Baldota Gold Medal Award (Young Mining Engineer of the year 2017-18)	Mining Engineers' Association of India
		Appreciation certificate on 15 th August 2019 Independence day in recognition of outstanding services as team member of the placement cell	Honorable VC, MPUAT

• • • ❖ **PROJECTS (RESEARCH/MODROB) COMPLETED**

- Technological development in diamond based machining in marble mining & processing for higher performance and minimum waste production duration 3 years of Rs. 3 Lakhs contingency and Salary from AICTE (Dr. Anupam Bhatnagar)
- Environmental management by utilization of marble slurry generated at processing plants duration 2 years of Rs. 8 Lakhs contingency Awarded EXCELLENT "A" Grade in Monitoring meeting (PI- Dr. Anupam Bhatnagar, Co-PI: Dr. G.S. Bhardwaj)
- Research project completed (0.50 Lakh) sponsored by IE (India) on Effect of variable peripheral diamond wire saw machine on cutting efficiency in dolomitic marble (Investigator: Dr. S.C. Jain, Supervisor: Dr. S.S. Rathore)
- International Project on Stone Waste Recycling sponsored by International marble institute, Napoli of amount 5.0 Lakh (PI: Dr. S.S. Rathore)
- Modernization of Rock Mechanics and Dimensional Stone Laboratory, 2002, Sponsored by AICTE Rs 13.00 Lakhs, (Coordinator: Dr. S.S. Rathore; Co-coordinator: Dr S.C. Jain)
- Modernisation of Mining Geology Laboratory, 2002, Sponsored by AICTE. 6.00 Lakhs (Coordinator: Dr. S.S. Rathore; Co-coordinator: Dr G.S. Bhardwaj)
- Modernisation of Mine Environment Laboratory, 2002, Sponsored by AICTE Rs 10.10 Lakhs (Coordinator: Dr. S.S. Rathore; Co-coordinator: Dr S.C. Jain).
- Research work on variable speed diamond wire saw in dolomitic marble of Rs 20.00 Lakhs completed during 2005-07, Sponsored by International Marble Institute, Napoli, Italy (Coordinator: Dr. S.S. Rathore; Investigator: Dr S.C. Jain).
- Research work on single diamond wire block dressing machine of Rs. 15.00 Lakhs completed during 2005-07, Sponsored by International Marble Institute, Napoli, Italy (Coordinator: Dr. S.S. Rathore; Investigator: Dr S.C. Jain).
- Research project on " Development of stopping method for soapstone deposits" sponsored by Ministry of Mines, Govt. of India, under S & T grant of 14.0 Lakh (PI-Dr. S.S. Rathore)
- Technical Research and efficiency Tests on Advanced Italian Technologies in India – Quarrying and Processing of Dimensional Stone Sector- Performance and Efficiency Certifications" sponsored by Italian Trade Commission, New Delhi of Rs. 9.00 Lakh (PI: Dr.S.S. Rathore and Co-PI: Dr.S.C. Jain) 2009-10 to 2015-16

• • • • ❖ **CONSULTANCY RESEARCH PROJECT**

- Vibration study to protect marble from micro crack Sponsored by M/s R. K. Marbles, Udaipur of Rs. 0.10 Lakh in the year 2000.
- Geo Technical investigation for stability of high benches, Sponsored by M/s R. K. Marbles, Udaipur of Rs. 0.40 Lakh in the year 2001.
- Geo mechanical properties of rock samples, Sponsored by M/s Hindustan Marbles, Ambaji of Rs. 0.10 Lakh in the year 2001

- Study on damage potential of blasting at Kadipani' Sponsored by GMDC Limited of Rs. 0.40 Lakh in the year 2001
- Trial blast study using bulk loading system for ANFO mixing, Sponsored by Guj. Ambuja Cement Raj.Limited of Rs. 0.10 Lakh in the year 2002
- Dust monitoring (RSPM) at Sanu Limestone mines, Sponsored by RSMML,Jaiselmer of Rs. 0.30 Lakh in the year 2003
- Vibration study of mining operations at Panandhro Project, Sponsored by GMDC Limited of Rs. 0.40 Lakh in the year 2003
- Monitoring of ground vibrations at Bauxite mines, Kutch, Sponsored by GMDC Limited of Rs. 0.30 Lakh in the year 2004
- Rock Sample Testing, Sponsored by Indian Bureau of Mines of Rs. 0.47 Lakh in the year 2004
- Slope stability of ore and overburden benches, Sponsored by A. P. Mineral Develop. Corp of Rs. 1.00 Lakh in the year 2005
- Dust Survey with Gravimetric Dust Sampler at their limestone mines, Sponsored by M/s M/s Aditya Cement; Rs. 0.20 Lakh in the year 2005
- Scientific study of blasting operations at Chainpura Soap stone Mines, Sponsored by M/s UMDS Pvt. Ltd. Rs. 0.40 Lakh in the year 2005
- Scientific study of blasting operations at Vikram Cement, Limestone Mines Sponsored by M/s Vikram Cement Rs. 0.40 Lakh in the year 2007
- Effect of blasting operations on climate and rainfall from marble mining in Rajsamand district, Sponsored b Marble Mine Owners Association, Rajsaman Rs. 0.20 Lakh in the year 2007 ➤ Impact of marble mining on rainfall and climate in Rajsamnd district, Sponsored by Marble Mine Owners Association, Rajsamand Rs. 0.20 Lakh in the year 2007
- Scientific study of blasting operations at Vikram Cement, Limestone Mines Sponsored by M/s Vikram Cement Rs. 0.40 Lakh in the year 2009
- Rock mechanics and geotechnical studies of proposed lignite mine, Sponsored by M/s Binani Cement, Udaipur of Rs. 1.80 Lakhs in the year 2009.
- Scientific Study of Experimental Deep Hole Blasting at Masonary Stone Mine of Papurna, Tehsil-Khetri, Dist: Jhunjhunu (Raj.) of Rs.2.0 Lakh in the year 2011
- Scientific study of blasting operations at various bauxite mines of GMDC of Rs. 3.6 Lakhs in the Year 2013
- Pit wall height and stability study of a Green Marble Mine, Sponsored by Sarla Group of Mines of Rs. 1.00 Lacs in the year 2013.
- Scientific Studies and Establishment of Controlled Blasting Parameters” and “Scientific Studies for Monitoring of Ground Vibration” For Dhedwas Iron, Copper And Associated Minerals Mine, Sponsored by Jindal Saw Limited, Bhilwara of Rs. 5.00 Lakh, 2013-14
- Blast ground vibration study at Digrana and Sinla Mines near Pali, Sponsored by M/s Nirma Limited, of amount Rs. 1.20 Lakh, 2016-17

- Blast vibration study at Daroli Limestone mines, near Udaipur; Sponsored by Udaipur Cement Works Limited, Udaipur, of amount Rs. 0.60 Lakh, 2017-18

On going Research Project Titled "Prediction of Blast Performance in Limestone mines of Rajasthan" of amount 16.33 Lakh sponsored by NPIU-MHRD. (PI: Dr. Akhil Avchar and Co-PI: Dr. S.C. Jain) 2019-2020

❖ LIST OF PUBLICATIONS BY THE FACULTY OF THE DEPARTMENT

- Books Published : 07 + 04 Edited Books
- Lab Manuals Published : 08
- Research papers in National Journals : 89
- Research papers in International Journals : 64
- Research papers published in National Conference : 85
- Research papers published in International Conference : 65

Menu



Quick Links

- [Home \(index.php\)](#)
- [Sitemap \(singlePage.php?id=17&type=SP\)](#)
- [National Institute Ranking Framework : CTAE Reports \(singlePage.php?id=31&type=SP\)](#)
- [TEQIP-III \(singlePage.php?id=34&type=SP\)](#)
- [Bhartiya Chatra Sansad \(singlePage.php?id=44&type=SP\)](#)
- [Prayaag 2013 \(CTAE TechFest\) \(singlePage.php?id=15&type=SP\)](#)
- [C-GOLD-2014-Activities \(singlePage.php?id=17&type=SP\)](#)
- [Gold Fiesta-2014 \(CTAE TechFest\) \(singlePage.php?id=19&type=SP\)](#)
- [Promoting Innovations in Individuals, Start-ups and MSMEs \(singlePage.php?id=21&type=SP\)](#)
- [IUMS \(singlePage.php?id=22&type=SP\)](#)
- [STUDENT PORTAL LOGIN \(singlePage.php?id=23&type=SP\)](#)
- [Tech View 2019 \(singlePage.php?id=24&type=SP\)](#)
- [CTAE TECHFEST-2015 \(singlePage.php?id=26&type=SP\)](#)
- [Students No Dues Form \(singlePage.php?id=28&type=SP\)](#)
- [GLOBAL RAJASTHAN AGRITECH MEET \(GRAM-2016\) \(singlePage.php?id=29&type=SP\)](#)
- [Vidya Lakshmi Portal - VLP \(singlePage.php?id=32&type=SP\)](#)
- ["ARIIA 2020 Submission Report" \(images/staticContent/Submission Report 2020.pdf\)](#)
- [Package of Practices, Publication & Patent Facilitation Cell \(singlePage.php?id=46&type=SP\)](#)
- [STATE LEVEL SPORTS CHAMPIONSHIP KARMATH-2020 \(singlePage.php?id=49&type=SP\)](#)
- [C.T.A.E. STUDENT FEED BACK SYSTEM \(B.Tech. Program\) \(singlePage.php?id=58&type=SP\)](#)
- [NewGen IEDC-CTAE \(singlePage.php?id=59&type=SP\)](#)



- [ARIIA 2021 CTAE REPORT \(images/staticContent/ARI-I-1067.pdf\)](#)
- [MPUAT Staff Directory \(images/staticContent/Telephone-Directory-MPUAT-\(2022\).pdf\)](#)
- [Farm Machinery Testing Centre \(singlePage.php?id=72&type=SP\)](#)

Udaipur, IN

24°

7:48 pm IST

Cloudy

([https://www.accuweather.com/en/in/udaipur/190217/weather-forecast/190217?](https://www.accuweather.com/en/in/udaipur/190217/weather-forecast/190217?utm_source=www-ctae-ac-in&utm_medium=oap_weather_widget&utm_term=link_current&utm_content=accuweather&utm_campaign=current)
[utm_source=www-ctae-ac-in&utm_medium=oap_weather_widget&utm_term=link_current&utm_content=accuweather&utm_campaign=current](#))

Contact Us

College of Technology

and Engineering,

Udaipur(Rajasthan) 313001

Tel.No. +91 294 2470837 (o)

Fax No. +91 294 2471056

Email: deanctae@mpuat.ac.in

(<mailto:deanctae@mpuat.ac.in>)

ctaedean@gmail.com (<mailto:ctaedean@gmail.com>)

Web: www.ctae.ac.in (<http://www.ctae.ac.in>)

Visitors: 0003518

Last Updated: 02-09-2024

All right reserved © 2024 College of Technology and Engineering.