

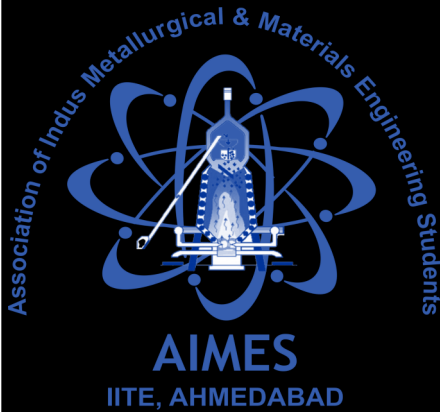


MET.TLE

Vol.1 • Issue - 2

*Association of Indus Metallurgical
and Materials Engineering Students
(AIMES)*

'Reviving Matter Through Mind'



MET.TLE



**I
N
D
E
X**

- 1. Noble Cause**
- 2. Annual Day celebration**
- 3. Students participate in IIF event**
- 4. Desi Tadka**
- 5. Welcome Freshers**
- 6. Industrial Visits & Expert Lectures**
- 7. Placement & Higher Studies Record**

Newsletter

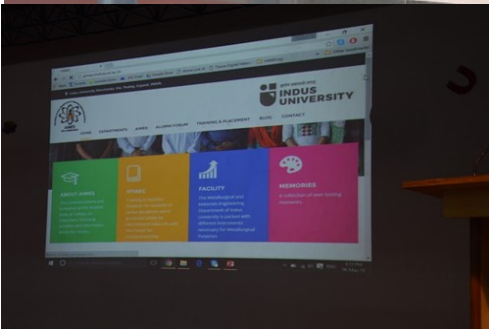
Noble Cause

Besides being actively involved in the overall growth and development of the students and the department in general AIMES also rises to the occasion of meeting partly societal need and responsibility. This year, AIMES organized a social event on 25th April, 2016. Students along with Faculty members visited Aandh Kanya Prakash Gruh, Prakash – A centre for underage mentally challenged & Deaf and Dumb School – Sola. The association helped these organizations by providing them fruits, grains, pulses and other food requirement. The children at Aandh Kanya Prakash Gruh had put up a mesmerizing musical show expressing their gratitude towards this activity of AIMES



Newsletter

7th Annual Day Celebration of AIMES



Association of Indus Metallurgical and Materials Engineering Students (AIMES) celebrated its 7th Annual Day on 6th May 2016, in presence of Mr. Chandrakant Patel, A self motivated entrepreneur turned global MOU partner as the Chief Guest of the evening and Mr. Gunvantbhai Shah, President K.S. Mukh BadhirVidhya Mandir, Ahmedabad as the guest of Honour. The celebration included release of 7th volume of AIMES Annual magazine MET.TLE and distribution of Mementos to the final year UG and PG graduating students as a token of farewell. Moreover awards and certificates were distributed to the students for excellent performance in AIMES Technical and Non -Technical events, highest attendance throughout the year, Best final year UG and PG project work, for Presenting Paper at National and International Conference, mini project work carried out during the tenure, major project work contributing towards augmenting the department laboratory facilities, extra ordinary endurance award for 1st year PG and Student of the year award for each batch of UG and PG considering all round performance of the student during the year and many other awards and certificates were distributed. The most prestigious situation was to honour Life time Academic Excellence and Industrial Achievement award to Dr. S.B. Tandon under the auspices of AIMES. The celebration was also marked by organizing a colorful entertainment program as a memorial to the graduating students from the department. The celebration concluded with a fellowship dinner with all Faculty members, students, alumni and invited guest and other dignitaries.



Newsletter

AIMES Annual Day Awardees (Trophy)

Category	Name of Student(s)
UG – Best Project	Rushin Gandhi, Tirth Patel
PG – Best Project	Sangita Jadeja
Student of the year – UG-1 st year	Raj Patel
Student of the year – UG-2 nd year	Bhargav Patel
Student of the year – UG-3 rd year	Sagar Bhati
Student of the year – UG-4 th year	Harsh Kotadia
Student of the year – PG -2 nd year	Akash Shah
“Extraordinary Endurance” Award	Meet Mehta
Life Time Academic and Industrial Excellence Achievement Award	Dr. S. Tandon
Highest Attendance Award – UG-1 st year	Gaurang Ajudia
Highest Attendance Award – UG-2 nd year	Bhargav Patel
Highest Attendance Award – UG-3 rd year	Hardik Rakholiya
Highest Attendance Award – UG-4 th year	Ronak Chaudhari

Newsletter

AIMES Annual Day Awardees (Cash Prize)

Category	Name of Student(s)
Mini Project Appreciation Award for making Magnetic Separator	Payank Patel Vishwarajsinh Sarvaiya Mithun Mohanan Nishil Mistry Mihir Panchal
Mini Project Appreciation Award for making Resistance Furnace	Deepak Maurya Jaykumar Suthar Saurav Rai Shrey Suthar
Major Project Appreciation Award for making Sintering Furnace	Smit Shah Smeet Patel Rudraksh Shastri Prateek Joshi
Best Paper Presentation Award "3D-Printing"	Payank Patel Vishwarajsinh Sarvaiya
Second Best Paper Presentation Award On "Sponge Iron"	Roshan Rana Ketan Shah Bhagav Jagatiya
Best Poster Award	Jigish Lakhani
Best Model Making Award On "Metallurgical Press"	Kaushal Jadav Kaushik Kevadiya Ravi Radadiya Prashant Kagathara Rajkumar Patel
First Prize – Quiz	Bhargav Jagatiya Roshan Rana Ketan Shah Maulik Chauhan
Registration Fees for presenting paper in conference	Akash Shah Vimal Rathod Pooja Shah SangitaJadeja
Appreciation Award	Jayesh Khasia Prakash Khasia Dinesh Soni

Newsletter

Metallurgical Engineering Students of IU participated in the Open House Discussion on Foundry problems and future of Indian Foundry Industry

23rd July, 2016

More than one hundred foundrymen in and around Ahmedabad including five students from Metallurgical and Materials Engineering Department of Indus University attended the Open House Discussion on Foundry problems and future of Indian Foundry Industry. Mr. M.R Shah, Editor of FOUNDRY MAGAZINE was the key person who opened the session. Earlier, Mr. Kamlesh Patel IIF Ahmedabad Chapter Chairman welcomed all the participants and Mr. M.R Shah in particular. In his opening address, Mr. M.R Shah highlighted the importance of this topic from the perspective of practicing Foundrymen and urgency of calling an open discussion on the topic. He complimented the presence of students of Metallurgical and Materials Engineering Department of Indus University and significantly one and the only girl student in the audience Ms. Punita Tank. Mr. Vishwaraj Sarvaiya, Mr. Sagar Bhatthi & Mr. Payank Patel & Mr. Harsh Sojitra were amongst the participating students.

Mr. M. R. Shah had meticulously prepared a questionnaire which was circulated to all those present in the audience. The response to the questionnaire resulted in identifying the problems of foundry industry on a priority basis. They are as follows:

- Non availability of skilled personnel in foundry
- In time payment to employees is not followed judiciously because of circuitous payment routes
- Costing of castings keeping in view the profit margin
- Continuous increase in the electricity bill

Mr. Sanjay Desai addressed the gathering on Soft Skill development. He suggested the utilization of facility available at CFER & IFTARC. Mr. M. R. Shah discussed the issue related to inferior patterns being used in foundry and stressed that good quality Aluminium patterns should be used to minimize the defects due to patterns. He was of the opinion that each pattern should be marked with a number to facilitate detection of defect in a casting caused by the specific pattern. He also discussed another issue related to composition control (C & Si) in liquid cast iron and its influence on quality of graded cast iron castings. The carbon equivalent meter should be available in every foundry dealing with the concerned graded cast iron casting productions.

The session concluded with a fellowship dinner during which the students had the opportunity to discuss about their training in foundry and taking up project work related to foundry subject with the foundry experts present in the gathering and also about their placement after graduation. Mr. Kamlesh Patel, chairman of the chapter advsed the students to upload their CV on IIF Ahmedabad Chapters website while Mr. Dinesh Daga, Ex-chairman of the chapter asked the students to submit their CV to his factory website. Prof. D. K. Basa & Prof. Sujoy Chaudhury wished to express their heartfelt thanks to Mr. M. R. Shah who had played a pivotal role in motivating the students in attending such interactive sessions and also expressing their views vehemently, confidently and boldly in such forums in future. This he did as a follow up action for enhancing students interest in issues related to foundry industry.

Newsletter

Desi Tadka

The Association of Indus Metallurgical and Materials Engineering Students organized “Desi Tadka” the first gaming festival of the semester at Indus University Campus on 7th, 8th & 9th September, 2016. Three games were scheduled for three consecutive days, where participants from different disciplines of the university participated. In total the event witnessed a footfall of around 100 students.



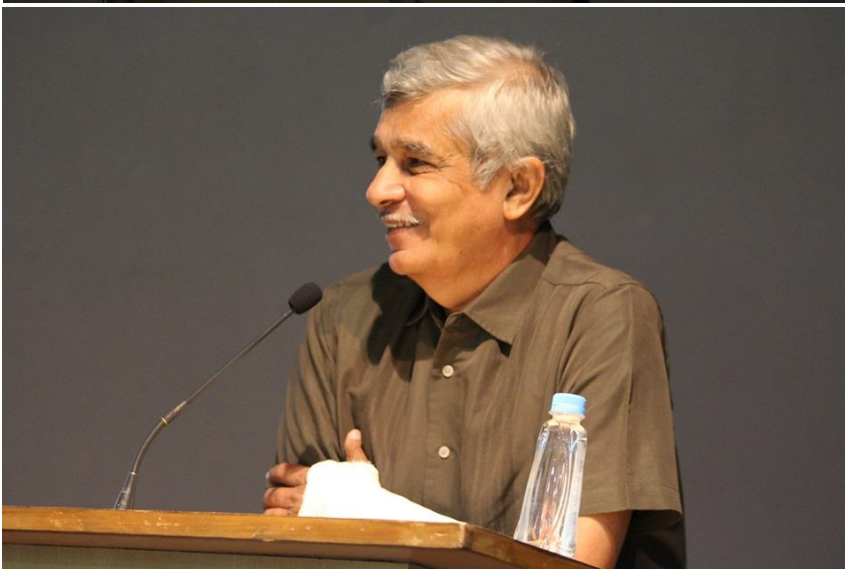
Date	Games	Winner	Co-ordinates	Prize
7 th Sept.	Skipping	Winner - Mr. Rahul Motwani	Aakash Thakkar	Rs. 200 Certificate
	100m	Winner – Mr. Rahil Shah Runner up – Mr Tejas Third Place – Mr. Tejas Bhagat	Nirav Patel	Rs. 250 with Certificate Runner up & Third place Certificate
	Satolyu	Winner - Mr. Jay Thummar Mr. Saurav Rai Mr. Deep Rokad Mr. Shrey Suthar	Deepak Maurya	Rs. 400 with Certificates
8 th Sept.	Chess	Winner – Mr. Prit Nagadia Runner up – Mr. Rakesh Yadav	Rakesh Yadav	Rs. 200 with Certificate Runner up Certificate
	Table Tennis	Winner – Rajdeepsinh Jadeja Runner up – Divyang Badarshahi	Jigish Lakhani	Rs. 250 with Certificate Runner up Certificate
	Lemon Spoon	Winner -Mr. Deepak Maurya Runner up – Miss Hemangi Patel	Nirav Patel	Rs. 200 with Certificate Runner up Certificate
9 th Sept.	Sack Race	Winner – Mr. Harsh Barad	Darshan Dave	Rs.200 with Certificate
	3 Leg	Winner – Mr. Saurav Rai Mr. Maulik Kathiriya	Junaid	Rs. 200 with Certificates
	Treasure Hunt	Winner - Mr. Deepak Maurya Mr. Saurav Rai Mr. Rakesh Yadav	Aakash Thakkar	Rs. 350 with Certificates

Newsletter

Welcome to Freshers

The Association of Indus Metallurgical and Materials Engineering Students (AIMES) celebrated Welcome to Freshers on 16th September, 2016 and continued the legacy of incorporating new students of Metallurgical Engineering Department into the association. Dr. P. N. Bhagwati, MD at Bhagwati Spherocast Pvt. Ltd. was invited as the Chief Guest along with Mr. Prakash Vaishnav from CFER Ahmedabad. The crowd was bestowed upon with a motivation talk by Dr. Bhagwati & the whole pool of wisdom by Mr. Prakash Vaishnav. The winning participants of poster making competition organized by the department during the Technical Festival of the university were exclusively awarded with certificates and cash prize. Mr. Mujal Mehta, Mr. Dhruv Bhrambhatt & Mr. Nisarg Pradhan, alumni of the department graced the occasion and addressed the students.

There was an entertainment session that followed. Soothing music filled the auditorium as talented singers stepped up the stage. The evening concluded with refreshments.



Newsletter

Industrial Visits & Expert Lectures

Sr. No.	Date	Semester	Location
1.	21.09.2016	3 rd	Sardar Sarovar Dam
2.	05.08.2016	5 th	RBD Engineers Pvt. Ltd..
3.	30.07.2016		Bhagwati Spherocast Pvt. Ltd.
4.			METSO India
5.			CFER, Ahmedabad
6.	12.08.2016		InspirOn Pvt. Ltd.
7.	23.09.2016		FCIPT
8.			Keepsake Engineering Consultancy Pvt. Ltd.
9.	11.08.2016		7 th
10.	22.08.2016	TCR Advanced	
11.		Rajdeep Engineering	
12.		Ambica Pattern Shop	
13.	20.07.2016	FCIPT	
14.		Keepsake Engineering Consultancy Pvt. Ltd.	

Sr. No.	Date	Name of Expert	Subject	Semester
1	09/09/2016	Mr. Ronak Parmar	Manufacturing by 3D Printing	5th & 7th
2	16/09/2016	Dr. P. N. Bhagwati	A motivational talk on Career Building	All
3	20/09/2016	Mr. Yatin Raval	NDT Techniques & demonstrations	7th

Newsletter

Placement & Higher Studies Record

B.Tech. 2016

Name	Company
Faisal Tejani	Divine Laboratories
Harsh Kotadia	IPR
Madan Mahanto	Rajan Technocast
Shailesh Pandya	IPCL, Bhavnagar
Ronak Chaudhury	TDS Intricast
Dharmesh Varade	Rajratna
Manish Patel	Duflon Industries
Jainish Radadia	L & T
Jaivik Malaviya	Sakar Industries
Prateek Joshi	Steel Cast, Bhavnagar
Luv Shaligram	Metchem Laboratories, Vadodara
Atish Patel	Self Employed
Smit Patel	Self Employed
Tirth Patel	Self Employed
Naman Shah	Self Employed
Rudraksh Shashtri	Self Employed
Ravi Jariwala	Essar
Ketul Patel	Self Employed
Parth Patel	Blossom Technocast

M.Tech. 2016

Name	Company
Akash Shah	Arfin Aluminium
Pooja Shah	Arfin Aluminium
Nishit Sathwara	Apar Industries, Silvassa
Falgun Suthar	Ratnamani Metals

Students pursuing masters

Name	University
Smit Shah	Sheffield University, UK
Meet Shah	Arlington University, Texas
Jasminkaur Guliani	University of Windsor, Canada
Nisarg Soni	M. S. University, Baroda
Mangesh Merukar	COEP, Pune
Suman Patel	Indus University



TEAM

MET.TLE

Mentor :Dr. Sujoy Chaudhury

Chief Editor :Prof. D. K. Basa

Associate Editor :Gaurav Pandya

Special Mentions :Dhairya Hirani

(Alumnus, IU)

Nikunj Patel

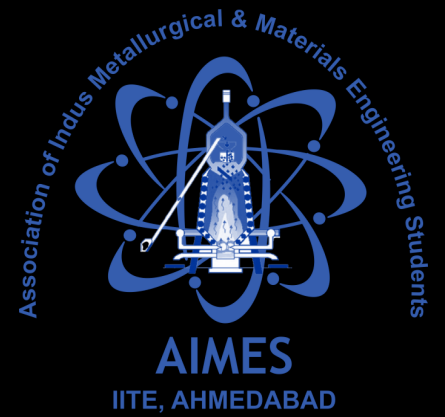
(7th semester Mech., IU)





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