3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during <u>A.Y 2020-21</u>								
Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Link to the Activity report on the website				
	Workshop on "Advanced Building Architectural Software 3D Max, VRay & Photoshop"	15	20/03/2021-5/01/2022					
2020-21	Scope of Valuator	50	5/3/2021					
	Hands on Workshop on Arduino (E&TC)	38	16/03/2021-30/03/2021					
	Webinar on "Digging Entrepreneurial Mindset"	156	20/09/2020					

OTE Institute Code : 6217



Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org Approved by : AICTE, New Delhi No. F-No. MS (NewInt) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Estd 2009

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President Late Shri. Ashokrao Mane

Director Dr. H. T. Jadhav, M.E., Ph.D.

President Hon. Shri. Vijaysinh A. Mane

AMGOI/494-20:22-2023 Ref. No. :

Date: 14/12/2021

To, Sh. Ravinder Singh, DEO Faculty Development Cell, All India Council for Technical Education (AICTE) Nelson Mandela Road, Vasant Kunj, New Delhi – 110070

Subject: Regarding STTP F/Y 2019-20

Respected Sir.

Kindly note that, we have not received any letter mentioning last date for conduction of program i. e. 30/06/2021 and therefore we did not conduct the program before 30/06/2021. However, we conducted the program in physical mode during 06/06/2022 to 10/06/2022 after pandemic.

We apologize for not taking the permission and delay in the conduction of program due to pandemic and we request you to consider our desire and efforts to truly satisfy the purpose of this program.

Therefore, once again we request you to accept the submission of the documents and utilisation certificate sent through our previous email dtd. 12/12/2022.

Thanking You.

Sincerely,

gait.

DIRECTOR SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE GROUP OF INSTITUTIONS Vathar Tari Vadgeon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112

DTE Institute Code : 6217



2506 Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra) Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F-No. MS (NewInt) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President Late Shri. Ashokrao Mane

Director Dr. H. T. Jadhav, M.E., Ph.D.

President Hon. Shri. Vijaysinh A. Mane

Ref. No. : AMGOJ MECH- Office 478/2022-23

Date: 13/12/2022

To, The DEO, Ravinder Singh, Faculty Development Cell, AICTE New Delhi

Sub: Submission of Documents of STTP Respected Sir,

We are herewith submitting the following documents in regards to the file: Ref. no. 34-65/28/RIFD/STTP/Policy/2018-19 dated 12/12/2019 and email dated 28/10/2022 from your office, which is conducted during 6th June 2022 to 10^{th} June 2022 at our institute.

1. Utilization of Certificate

2. Statement of Expenditure

3. Feedback Form and other documents for the same,

I am requesting to refer the attachments, wherein these documents are filled as below.

File 1: Utilization of Certificate, Statement of Expenditure, Feedback Form

File 2: Statement of Expenditure and Details along with documents

File 3: STTP Detail and Documents

These document in hard copy form are also posted to your office.

I express gratefully to you and concerned authorities of AICTE for the sanction of the STTP to our Institute.

Thanking You,

Dr. H. V. Shete

STTP Coordinator

SHRI BALASDHEBHANDSHIKAKIN PRASARAK MANDAL'S ASHOKRAQ MANE GROUP OP INSTITUTIONS Vathar Tari Vadgaon, Ial. Hatkanangale, Dist. Kolhapur, M.S. 415112

NAME AND ADDRESS OF THE INSTITUTE: -

Shri. Bałasaheb Mane Shikshan Prasarak Mandal, Ambap'sAshokrao Mane Group of Institutions, Faculty of Engineering and Management Studies, VatharTarfVadgaon, Tal:Hatkanangle,Dist:Kolhapur,Maharashtra State,India,-416112

UTILISATION CERTIFICATE FOR THE FINANCIAL YEAR-2022 - 2023

Name of the Scheme under which Grant was sanctioned: RIFD/STTP,AQIS-AICTE scheme

(to be submitted separately for each sanction order)

: F.No.34-65/28/RIFD/STTP/Policy-1/2018-19 AICTE File No.

: Professor(Dr.) Hanmant Virbhadra Shete Name of Coordinator

Dates of the Programme : 06 th June. 2022 - 10th June. 2022

Title of the STTP Programme : Recent Developments In foundry and Indian Foundry Industry: Trend and Challenges

SR. NO.	AICTE Sanction Order/ Letter No. Date under which grant was sanctioned	Amount (Rs.)	
1.	F.No.34- 65/28/RIFO/STTP/Policy- 1/2018-19	Rs. 3,37000/- Three lakh thirty seven thousands only	Certified that out ,of, the grant-in-aid of Rs. 3,37000/- Three lakh, thirty seven thousand only, sanctioned by the AICTEduring the financial year2022-23 infavourof Shri.Balasaheb Mane Shikshan Prasarak Mandal, Ambap's, Ashokrao Mane Group of Institutions of Engineering and Management Studies,VatharTarfVadgaon,Tal:Hatkanangle, Dist:Kolhapur, Maharashtra State, India.416112 as per letter mentioned in the margin Rs. On account of unspent balance of previous' year, Rs. has beenutilized for the purpose for which it was sanctioned and the balance of Rs remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant- was sanctioned have been duly fulfilled and that I have exercised the following checks tosee that the money was actually utilized forthepurposeforwhichitwashsanctioned.

Date:

KOLHAPUI

SUD

Kinds of checks exercised:-

Audited Annual Account of the Institute Receipt and payment account Periodical Progress Report

essor & Head 1) Name, Signature & Address of the City ManyA Mailes (Commune with seal : Professor (Dr.) Hannah Anthadra Sheel, institutions H.O.D. Mechanical Engineers, Kelhagur

Ashokrao Mane Group of Institutions, VatharTarfVadgaon, Dist :- Kolhapur, Maharashtra State, India – 416112

2)Signature of charted Accountants JAGTAP & ASSOCIATES Name of charted Accountant Chartered Accountants Membership No: Rubber Stamp: CA Sudesh Suresh Jagtap Full Address: AGTAP & A

Date:

Proprietor)

4) Signature of the Finance Officer/Accounts Officer:

Name of Finance Officer/Accounts Officer: (If It is Govt./Govt. Aided Institute)

Note:-If it is more than one page ,each page must be signed man annexure

3) Signature of Head of the Institute: Name & Designation of the Head of the Institute: Rubber Stamp: DIRECTOR

Full Address: SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE GROUP OP INSTITUTIONS Vathar Tari Vadoaon. Tal. Haikanangala, Dist. Kolhapur, M.S. 416112

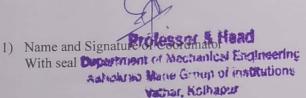
FORMAT FOR STATEMENT OF EXPENDITIJRE

AICTE File No :F.No.34-65/28/IRIFD/STTP/Policy-1/2018-19 Title of the STTP Programme : Recent Developments In foundry and Indian Foundry Industry: Trend and Challenges

Name of Coordinator

: Professor(Dr.) Hanmant Virbhadra Shete

<u>Sanction</u> <u>No.</u> and Date	Grant Sanctioned	Details of Expenditure Incurred item wise	<u>Amou</u> <u>nt</u> <u>Rs.</u> (ineach head)	<u>No of</u> <u>Partici</u> <u>pants</u>	Duration of the Programme (with dates)
F.No.34- 65/28/RIFD/ STTP/Policy -1/2018-19	Rs. 3,370 00/- Three lakh	Working expenses(reprographic services, services, printing, postage, transport, daily wages registration kit-souvenir, miscellaneous etc)	152810	61	One Week Short Term Training Program (STTP)from0
	thirty seven	Boarding&Lodgingtotheparticipa ntsandResource Person.	160048	61	6 th June. 2022—10 th June 2022
	thousan ds only	Honorarium to Course Coordinator	5000		June 2022
		Honorarium to Resource Persons and TA/DA to resource persons	46000	06	
		TA to outstation participants	4827	02	
Grand Total			368685		



3) Signature (with seal) of Finance Officer/Auditor/Accounts officer (If it is Govt. / Govt. Aided Institute):

2) Name and Signature of Head of Institution with seal DIRECTOR SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE GROUP OF INSTITUTIONS Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112 4) Signature of charted Account: Name of charted Account: Membership No: Rubber Stamp: Full Address: Date:

Note: - if it is more than one page, each page must be signed in all annexure

Chartered Accountants oau CA Sudesh Suresh Jagtap (Proprietor) M.No.-609432 FRN-156931W

KOLHAP

ered Accou

Date : 04/10/2022.

UDIN = 22609432RERLAU6261.

FOR SUDESH JAGTAP & ASSOCIATES

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Short Term Training Program (STTP) on



"Recent Developments in Foundry and Indian Foundry Industry : Trends and Challenges" 06th June 2022 – 10th June. 2022

Sponsored by All India Council for Technical Education, New Delhi Organized by Department Of Mechanical Engineering



Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

Schedule

. Date	Time	Resource Person	Designation	Торіс
	9:15 - 10:00	Registration & Tea		
	10:00 -10:30	Inconstitut	Chief Guest- Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune	DGM (Strategic Sourcing), Kirloskar Oil Engine, Pune.
Monday	10:30 - 1:30	Mr. Abhijit Koparde	DGM (Strategic Sourcing) Kirloskar Oil Engine, Pune	Indian Foundry Industry: Trends and Challenges for Zero Defects,
06-06-22	1:30 - 2:30	Lunch Break		
	2:30 - 3:45	Mr. Abhijit Koparde	DGM (Strategic Sourcing) Kirloskar Oil Engine, Pune	Indian Foundry Industry: Zero fettling - Myth or reality
	3:45 - 3:55	Tea Break		
	3:55 - 5:00	Dr. H. V. Shete	Professor, R&D Dean, HOD Mechanical Engg.	Eco Molding Sand Materials
	9:30 - 12:30	Dr. V.D. Shinde	Professor, DKTE Ichalkarnji	Casting Simulation
	12:30 - 1:30	Lunch Break		
Tuesday 07-06-22	1:30 - 3:20	Dr. V.D. Shinde	Professor, DKTE Ichalkarnji	Case Study on Casting
07-00-22	3:20 - 3:30	Tea Break		
	3:30 - 5:00	Mr.Shekhar Kulkarni	Manager, WILO Mather and Plant Pumps Pvt. Ltd, Pune	Challenges and Trends in Pump Casting
	9:30 - 12:30	Mr. Harishchandra Dhotre	Foundry Manger, Kohinoor Metallic, Kolhapur	Advance Scenario in Indian Foundry.
Wednesday	12:30 - 1:30	Lunch Break		
08-06-22	1:30 - 3:20	Mr. Sunil Sarnobat	Plant Head, Fine Cast, Gokul Shirgaon	Foundry Management
	3:20 - 3:30	Tea Break		
	3:30 - 5:00	Prof. M. A. Sutar	P. G. Head, AMGOI, Vathar	Indian Foundry Industries: Trends and Scenario
	9:30 - 12:30	Industrial Visit - Aditi	Foundry, Kolhapur	Industrial Visit
	12:30 - 1:30	Lunch Break		
Thursday 09-06-22	1:30 - 3:20	Interaction Session		Industrial Visit
09-00-22	3:20 - 3:30	Tea Break		
	3:30 - 5:00	Interaction Session		Industrial Visit
	9:30 - 12:30	Mr.Sandeep Kulkarni	Consultant- Manufacturing Sector	Challenges in Foundry Industry
	12:30 - 1:30	Lunch Break		
Friday 10-06-22	1:30 - 4:00	Dr. H. T Jadhav	Director, AMGOI. Vathar	Write Research Article Related To Foundry Industry
	4:00 - 4:10	Tea Break		
	4:10 - 5:00	Valedictory Function		

• Everyday 09:00 am to 09:30 am - Tea and Breakfast

Shri. Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS Faculty of Engg. and Management Studies Short Term Training Program On

"Recent Developments in Foundry and Indian Foundry Industry : Trends and Challenges"

06th June 2022 to 10th June 2022

REGISTRATION FORM

Name :
Designation :
Institution :
Contact Number :
E-mail id :
I.S.T.E. No :

Signature of the Applicant Head of the Institution

Seal of Inst.

CHIEF PATRON

Hon. Shri. Vijaysinh Mane President, Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

Hon. Shri. Vikasrao Mane Executive President, ShriBalasaheb Mane ShikshanPrasarakMandal, Ambap

DIRECTOR

Dr. H. T. Jadhav Faculty of Engineering and Management Studies

DEAN ACADEMICS P B. Ghewari Faculty of Engineering and Management Studies

COORDINATOR

Dr. H. V. Shete Dean R & D and HOD, Faculty of Engineering and Management Studies

CO-COORDINATOR

Prof. M. A. Sutar P. G. Head, Faculty of Engineering and Management Studies

Shri. Balasaheb Mane Shikshan Prasarak Mandal's

ENGINEERING + PHARMACY + BAMS + MBA + B.ED + POLYTECHNIC + ITI

ASHOKRAO MANE Group of Institutions

ASHOKRAO MANE GROUP OF INSTITUTIONS

Short Term Training Program On **"Recent Developments in Foundry** and Indian Foundry Industry : Trends and Challenges"

06thJune 2022 to 10th June 2022 Sponsored By

All India Council for Technical Education (AICTE), New Delhi



Organized By

DEPARTMENT OF MECHANICAL ENGINEERING Shri. Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS Faculty of Engg. and Management Studies Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112 Phone: (0230) 2407740, 2407750, 2407760. www.amgoi.org Accredited by NAAC - 'A' GRADE,

NBA Accredited Programs

ABOUT THE INSTITUTE:

Shri Balasaheb Mane Shikshan Prasarak Mandal's, Ambap, Ashokrao Mane Group of Institutions (Integrated Campus) Vathar tarf Vadgaon is one of the rural-semi urbansociety centered and focused educational institute's group. It is started in 2009 to promote technical education and management studies in this part of Maharashtra state. Late Ashokraoji Mane Saheb dreamed of education & Shri, Balasaheb Mane Shikshan Prasarak Mandal took its birth, with a holy intension of bridging the gap between 'literate & illiterate'. Accordingly, about 30 various educational institutes are established for quenching the thirst of knowledge oriented people. The educational campus is located at Vathar tarf Vadgaon, Tal-Hatkanangale; Dist-Kolhapur. The campus is spread across 20 acres of lush greenery with well-planned infrastructure.

AMGOI is fastest growing technical institutes which is accredited by NAAC with "A" grade in Maharashtra. Well qualified, experienced and dedicated faculties are working as per AICTE New Delhi, DTE Mumbai, DBATU (Lonere) Raigad and Shivaji University Kolhapur. Consistently, our students have secured ranks in Shivaji University and DBATU Lonere merit list and achieved 95 % average results every year. In academic year 21-22, 400+ students were placed and in current academic year about 200+ students are placed till date in INFOSYS, TCS, WIPRO, CAPGEMINI, TATA MOTOR, etc. Institute has well ventilated, decent and spacious classrooms, full-fledged and modernized laboratories. Institute has been accredited by NBA for three programs (Mechanical, Electrical and Civil). AMGOI has been conferred with "Emerging Institute (Engineering) award" as well as "Recognition of Institution of National Excellence" by ISTE New Delhi.

ABOUT DEPARTMENT:

Mechanical Engineering program is accredited by NBA. The department has Doctorate and Ph.D. pursuing faculty. Five students of the department have secured ranks in Shivaji University merit list.

Two Students of PG have secured Gold Medal of DBATU Lonere. Final year student's project entitled "Design & manufacturing of special purpose drilling machine" has been awarded with prestigious ISTE Maharashtra State Engineering Design National Award (First Prize), in ISTE Annual Students Convention held at L. D. College of Engg., Gujarat. The department organizes FDP, STTP and workshop under AICTE, New Delhi

ABOUT THE SHORT TERM TRAINING PROGRAMME (STTP)

This course provides coverage of recent developments in foundry, trends and challenges. The course contents will be taught by eminent experts in foundry from industry and research. This course will be beneficial to the faculty frequency engineering disciplines with regard to enhancement of the knowledge and conduction of the research on foundry.

TOPICS TO BE COVERED

- Recent Developments in Foundry
 Indian Foundry Industry : Trends and Challenges
- and scenario
- 3. Gating System design
- 4. Simulation in Casting
- 5. Casting Industry : International Scope and Challenges
- Advances in Foundry Tools and Techniques
 Research Methodology & Research Paper Writing

TARGET AUDIENCE

The faculty from AICTE approved institutes (Engineering and Polytechnics) from Mechanical, Industrial & Production, Automobile, Electrical, Environmental, Industrial and related branches and passionate about optimization and research are eligible to participate in the program.

REGISTRATION:

Download the brochure from www.amgoi.org and send the filled form to the Coordinator. Registration is free, however, as a caution deposit, a cheque of Rs.1000/-, drawn on any nationalized bank in favor of Director, Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon payable at Vadgaon is to be attached with the registration form. The cheque will be returned after the successful completion of the course.

IMPORTANT DATES

Last Date for Registration: 05th June 2022 (Limited Seats: On first come basis) Date of STTP: 06th June. 2022–10th June. 2022

TRAVELLING AND ACCOMMODATION

The TA will be paid to the participants for shortest route by bus/SC of train. Accommodation will be provided on request basis.

CONTACT FOR REGISTRATION

Prof. R. P. Patil. Mech. Engg. rpp@amgoi.edu.in 8855903003

Online Registration Confirmation Link https://tinyurl.com/2p82apnx

Annexure -I

FACULTY DEVELOPMENT PROGRAMME

FEED BACK FORM

- AICTE File No. & Date of Offer Letter : 34-65/28/RIFD/STTP/Policy-1/2018-19 : 12/12/2019
- 2. Name of the Coordinator : Prof. (Dr.) H. V. Shete
- Name and Address of the Institution : Shri. Balasaheb Mane Shikshan Prasarak Mandal's Ashokrao Mane Group of Institutions, Faculty of Engg. and Management Studies, Vathar tarf Vadgaon, Dist.- Kolhapur, Maharashtra, India
- 4. Title of the Faculty Development Programme : Recent Developments in Foundry and Indian Foundry Industry: Trends and Challenges
- 5. Dates: 6th June 2022 to 10th June 2022
- 6. Venue: Central Seminar Hall
- 7. Total No. of participants proposed and actually attended Proposed: 60 Attended: 67
- 8. No. and date of the offer letter

Letter No.	Date	
3 4-65/28/RIFD/STTP/Policy-1/2018-19	12/12/2019	

9. Total amount sanctioned : Rs 3,37,000/-

10. No. and date of Sanction letter :

Letter No.	Date	Grant Released
34-65/28/RIFD/STTP/Policy-1/2018-19	12/12/2019	3,37,000/-

- 11.Total expenditure incurred in Conducting the Faculty Development Programme: Rs.3,68,685/-
- 12.Grant received from various agencies other than AICTE for this Faculty Development programme: Nil
- 13. Details of internal revenue if any generated by the Institution/Department on account of this Programme: Nil

14. Briefly mention about the technological/ academic/or any other benefit generated by conducing this programme with respect to a) the institution, b) the faculty; c) students; d) industry/society.

The programme has dealt with a systematic exposition of topics such as Technological challenges in Foundry & Manufacturing in foundry regarding recent trends and advance technology in foundry. Besides giving a detailed discussion on the basic principles and

practices, the program has provided hands on training on developing casting simulation software such as solid cast, flow cast etc. The participants were taken on industrial visit to Aditi Foundry in Kolhapur MIDC.

The course contents have been taught by eminent experts in the field having adequate teaching, research and Industrial experience. This course will be beneficial to the faculty from Mechanical, production and Metallurgical engineering disciplines as a potential and analytical tool in their research activities.

This Institution has envisioned brining in research excellence to cater to the needs of ever demanding industry and the society as well. This Programme has opened up several avenues for the research enthusiasts working as faculty members. The quality of work which they are about to pursue in future with the knowledge they acquired through this Programme, would certainly reflect on the enhancement of our students community.⁴ This Programme also threw light on the potential areas where there is tremendous opportunity to start an enterprise. The entrepreneurial aspirants can make use of the vital inputs given by the eminent industrialist who were the resource persons on the occasion.

We hope the number of research scholars in our institution will shoot up in the years to come, which is beneficial to our students. The knowledge transfer that has happened on the purposeful occasion would reach the young and budding technocrats is a fact. The Programme not only promotes the research culture in the country, but also helps to address the economic hurdles like unemployment. On the whole it has produced fruitful results by motivating the participants of other educational institutions, industries and to our own faculty members. 15. The soft as well as hard copy of the detailed study material/proceedings of the programme must be furnished to the Council.

Soft copy details of are emailed and hard copy detail are sent through the post.

Rof. (Qr.) H.V. Shete Name & Signature of Coordinator

forthes.

Name Signature of Head of institute with seal Dr. H. T. Jadbay.

DIRECTOR SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE GROUP OF INSTITUTIONS Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112



Short Term Training Program (STTP) On "Recent Developments in Foundry and Indian FoundryIndustry Trends and Challenges" 06th June 2022 – 10th June. 2022 Sponsored by All India Council for Technical Education, New Delhi

Organized by





Department Of Mechanical Engineering Shri. Balasaheb Mane Shikshan Prasarak Mandal'sAshokrao Mane Group of Institutions, Faculty of Engg. and Management Studies Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112 Phone: (0230) 2407740, 2407750, 2407760 <u>www.amgoi.org</u> Accredited NAAC - 'A' GRADE NBA Accredited Programs

Program Evaluation Committee

As per guidelines given by AICTE the following PEC is Formed, One Week Short Term Training Program (STTP) on Recent Developments in Foundry and Indian Foundry Industry Trends and Challenges 06^{th} June 2022 – 10^{th} June 2022.

S.N	Name	Designation	Role
1	Dr. H. T. Jadhav	Director	Chairperson
2	Prof (Dr.) H. V. Shete	STTP Coordinator	Member Secretary
3	Prof. P. B. Ghewari	Dean	Member
4	Prof. M. A. Sutar	STTP Coordinator and P. G. Coordinator	Subject Expert

Prof. Dr. H. V. Shete Member Secretary STTP -PEC

Dr. H. T. Jadhav

Director

AMGOI Vathar DIRECTOR SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE GROUP OF INSTITUTIONS Vathar Tarl Vadqaon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112 Short Term Training Program (STTP) On "Recent Developments in Foundry and Indian FoundryIndustry Trends and Challenges" 06th June 2022 – 10th June. 2022 Sponsored by All India Council for Technical Education, New Delhi

All India

Organized by

Department Of Mechanical Engineering Shri. Balasaheb Mane Shikshan Prasarak Mandal'sAshokrao Mane Group of Institutions, Faculty of Engg. and Management Studies Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112 Phone: (0230) 2407740, 2407750, 2407760 <u>www.amgoi.org</u> Accredited NAAC - 'A' GRADE NBA Accredited Programs

PEC Report

- As per the guidelines given by AICTE the PEC was formed on 28/04/2022.
- Meeting of PEC members was conducted on 29/04/2022 at Board Room and Cocoordinators of STTP were finalized and STTP date was finalized as 06 June 2022 to 10 June 2022. Various issues like resource person selection, topic selection, budget provisions were discussed.
- Second meeting of PEC was conducted on 05/05/2022 and progress of various committees was reviewed and planning of different activities between 06 June 2022 to 10 June 2022. were discussed.
- Test was conducted and answer sheets were evaluated on 10th June 2022. Certificates were issued to the participants who attended the program and qualified in the test.
- A closing meeting was conducted on 15/01/2022 and attendance, feedback, test marks of the participants and budget completion issues were discussed and reviewed. The resource person expertise, 61 number of participants from home as well as other states, attendance and feedback of participants was overwhelming and appreciated by the PEC members.

Prof. Dr. H. V. Shete

Prof. Dr. H. V. Shete Member Secretary STTP -PEC

Dr. H. T. Jadhav Director AMGOI Vathar DIRECTOR SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S ASHOKRAO MANE SEVEN GENNOT

ASHOKRAO MANE GROUP OP INSTITUTIONS Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112





Department Of Mechanical Engineering Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

				Schedule	
Sr N	Date	Time	Resource Person	Designation	Торіс
		9:15 - 10:00	Registration & Tea		
1		10:00 - 10:30	Inauguration	Chief Guest- Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune	DGM (Strategic Sourcing), Kirloskar Oil Engine, Pune.
	Monday 06-06-22	10:30 - 1:30	Mr. Abhijit Koparde	DGM (Strategic Sourcing) Kirloskar Oil Engine, Pune	
	00-00-22	1:30 - 2:30	Lunch Break		
		2:30 - 3:45	Mr. Abhijit Koparde	DGM (Strategic Sourcing) Kirloskar Oil Engine, Pune	Indian Foundry Industry: Zero fettling - Myth or reality
		3:45 - 3:55	Tea Break		
		3:55 - 5:00	Dr. H. V. Shete	Professor, R&D Dean, HOD Mechanical Engg.	Eco Molding Sand Materials
		9:30 - 12:30	Dr. V.D. Shinde	Professor, DKTE Ichalkarnji	Casting Simulation
	Tuesday	12:30 - 1:30	Lunch Break		
	07-06-22	1:30 - 3:20	Dr. V.D. Shinde	Professor, DKTE Ichalkarnji	Case Study on Casting
		3:20 - 3:30	Tea Break		

Schedule

		3:30 - 5:00	Mr.Shekhar Kulkarni	Manager, WILO Mather and Plant Pumps Pvt. Ltd, Pune	Challenges and Trends in Pump Casting
	Wednesd	9:30 - 12:30	Mr. Harishchandra Dhotre	Foundry Manger, Kohinoor Metallic, Kolhapur	Advance Scenario in Indian Foundry.
2		12:30 - 1:30	Lunch Break		
3	ay 08-06-22	1:30 - 3:20	Mr. Sunil Sarnobat	Plant Head, Fine Cast, Gokul Shirgaon	Foundry Management
		3:20 - 3:30	Tea Break		
		3:30 - 5:00	Prof. M. A. Sutar	P. G. Head, AMGOI, Vathar	Indian Foundry Industries: Trends and Scenario
		9:30 - 12:30	Industrial Visit - Ad	iti Foundry, Kolhapur	
		12:30 - 1:30	Lunch Break	ter i oundry, Komapur	Industrial Visit
4	Thursday	1:30 - 3:20			
	09-06-22		Interaction Session		Industrial Visit
		3:20 - 3:30	Tea Break		
		3:30 - 5:00	Interaction Session		Industrial Visit
		9.30 12.20	Mr.Sandeep	Consultant- Manufacturing	Challenges in Foundry
		9:30 - 12:30	Kulkarni	Sector	Industry
		12:30 - 1:30	Lunch Break		industry
5	Friday 10-06-22	1:30 - 4:00	Dr. H. T Jadhav	Director, AMGOI. Vathar	Write Research Article Related To Foundry Industry
		4:00 - 4:10	Tea Break		
		4:10 - 5:00	Valedictory Function		

• Everyday 09:00 am to 09:30 am – Tea and Breakfast

		Dep		 Ambap's, Ashokrao Mane Group of Institutions, V lechanical Engineering Organizes, one week AICTE a 		ed STTP	
				on			
		"Rece	nt Developme	ents In Foundry and Indian Foundry Industry: Trend	s and C	hallenges"	
				Date-06 June 2022 To 10 June 2022			
				Registration Of Participants			
Sr. No		Name of Faculty	Mobile	Name of Institute / Organization	Depar tment	E-Mail ID	Sig
1	Mr.	Avinash Ashokrao Uthale	8421105333	Ashokrao Mane Group of Institutions, Vathar	Mech	tpo@amgoi.edu.in	R
2	Mr.	Patil Amar Kalgonda	9595789108	Ashokrao Mane Group of Institutions, Vathar	Mech	amarpatilgearing@gmail.com	M
3	Mr.	Hasbe Pradip Tukaram	8390476024	Ashokrao Mane Polytechnic Vathar	Mech	pthasabe@gmail.com	PEL
4	Mr.	THORAT ASHISH JANARDAN	9595007282	NEW POLYTECHNIC KOLHAPUR	Mech	submit.india@gmail.com	TH
5	Mr.	Pethkar Rajendra Vasantrao	8600600734	Jaywant College of Enginering	Mech	rajupethkar@gmail.com	K
6	Mr.	Sandeep Kulkarni	9049207701	Dynamic foundry group	A REPORT AND A REPORT	sckulkarni3n@gmail.com	(P)
7	Mr.	Sane Nilesh Mohan		Nanasaheb Mahadik College of Engineering Peth		sane.nilesh29@gmail.com	afgi
8	Mr.	SURYAVANSHI NIKHIL JAYSING				nikhilsuryavanshi3333@gmail.com	As
9	Mr.	Khatavkar Sagar Suryakant	9561305001	Saraswati College of Engineering, Kharghar, Navi mumbai	Mech	sagar.khatavkar@auto.sce.edu.in	18.6
_	_	URUNKAR DEEPAK BABURAO		Walchand college of Engineering Sangli		urunkardb@gmail.com	Way
11	Mr.	PATIL DHIRAJ DHARAMGOUNDA	9766052400	Saraswati College of Engineering, Kharghar, Navi Mumbai	Mech	dhirajp.mech@gmail.com	30
12	Mrs	Mankar Radhika Dattatray		Saraswati College of Engineering, Kharghar, Navi Mumba		radhika. mankar@mech.sce.edu.in	An
		Nikhil Shankarrao Pisal		Jaywant College of Enginering killemachindragad		pisal.nikhil09@gmail.com	8
_	_	Landge kailash		Sanjeevan Engineering Technology institute	Mech	Landgekailash7@gmail.com	
15	Mr.	Rohit Bhagwan Patil		Adarsh Institute of Technology & Research Centre	Mech		Bu
		uttam Yashvant siddha		Adarsh Institute of Technology & Research Centre	Mech	uttamsiddha@gmail.com	M
		Jadhav Manoj Mahatmaji		Adarsh Institute of Technology & Research Centre	Mech		8
18	Mr	Kadam Santosh Sampatrao		Jaywant College of Engineering and Polytechnic K.M.Gad	Mech		0
		Suraj Anil Khatavkar		Ashokrao Mane Polytechnic Bathar tarf Vadgaon		surajkhatavkar08@gmail.com	A
20	Mr.	Akiwate Sunil Baburao	8805232830	Ashokrao Mane Polytechnic	Mech		Ta
		Patil Nikhil Yashwant		Ashokrao Mane Polytechnic, Vathar	Mech		M
21	Mr.	Waghamode abhijit ashok	9595607717	Abhijit ind	Mech	,	Re
		Patil Sagar Sambhaji	8080490992	2 Jaywant College of Engineering and Polytechnic	Mech		A
		Khebude Karan Nanaso	9975417800	PCET'S Pimpri Chinchwad College of Engineering, Pune		karankhebude1@gmail.com sunilnyadavpatil@gmail.com	-731
		Yaday Sunil Nivrutti	8459018610	Ashokrao Mane Polytechnic, Vathar			A
-	-	Jadhav Suraj Sunil	8275917774	Bharati Vidyapeeth's institute of technology polytechnic	Wech	surajjadhav93@gmail.com	

27	Mr.	Kadam Vaibhav keshav	8329654983	Bharati Vidyapeeths Institute of tech.(Poly.) Kolhapur		kadamvaibhav444@gmail.com	UNS
28	Mr.				Mech	vinaychavan111@gmail.com	an
29	Mr.	. Vinayak shivaji powar	7507287179	YBP sawantwadi	Mech	vinayakpowar1986@gmail.com	MAS
30	Mr.	. Swapnil Sharad Shinde	9921634908	Jaywant college of engineering and polytechnic	Mech	swapnil9510@gmail.com	
31	Mr.	. KULKARNI TANMAY	9420135358	Ashokrao Mane Polytechnic	Mech	tanmaypk123@gmail.com	the
32	Mr.	. Patil Vikas Pandit	9766865485	Nanasaheb Mahadik Polytechnic Institute, Peth	Mech	1vikaspatil@gmail.com	
33	Mr.	. Patil Rohit Prabhakar	8855903003	Ashokrao Mane Group of Institutions, Vathar	Mech	rpp@amgoi.edu.in	Le
34	Mr.	. Patil Pradip Bhaskar	7768072755	Aanasaheb Dange College of Engineering & Technology, Aa	Mech	pbp_mech@adcet.in	
35	Mr.	. Kolekar Ajit Bhanudas	9423041945	department of Technology Shivaji University	Mech	abk_tech@unishivaji.ac.in	TOH.
36	Mrs	s Pallavi Prabhudas Tajane	8830418033	Saraswati College of Engineering, Kharghar	Mech	pallavi.tajane@civil.sce.edu.in	
37	Mr.	Vishwajit Vishwas Patil	9689636441			vishwajit.patil1253@gmail.com	112
38	Mr.	Ghatge Bharat Yadavrao	9503944218	Ashokrao mane Polytechnic, Vathar		bharat.ghatge@gmail.com	
39	Mr.	Vikas Namdev Mane	9824000000	Tatysaheb Kore Institute of Engg. Technology Warananag	Mech	vnmane3379@gmail.com	Ame
40	Mr.	JAMADADE SUNIL SHARAD				ssjkit@gmail.com	Thonk
41	Mr.	Gosavi Pravin Sambhaji	9921108681	K.I.T.'s College of Engineering(Autonomous), Kolhapur	Mech	pravingosavi141291@gmail.com	GOT
42	Mr.	Kamble Bhushan Shankar	7709717688	3 KIT's College of Engineering (Autonomous) Kolhapur	Mech	kamble.bhushan@kitcoek.in	Kenle
43	Mr.	Dr.H.V.Shete	9823925440	Ashokrao Mane Group of Institutions, Vathar	Mech	hvs@amgoi.edu.in	Ta
44	Mr.	Ghatge Bharat Yadavrao	9503944218	3 Ashokrao mane Polytechnic, Vathar	auto	bharat.ghatge@gmail.com	607
45 1	Mr.	GHULANAVAR ROHIT D.	9028456507	7 Kolhapur Institute of Technology (Autonomous), Kolhapu	Mech	grohit0801@gmail.com	pri
46	Mr.	Dr. Pravin Ramchandra Kubade	9860072040		-	pravinrkubade@gmail.com	(K)
47 1	Mr.	Shinde Sangram S.	8308420222	2 KITs College of Engineering (Autonomous), Kolhapur	Mech	sangramsshinde123@gmail.com	
48 1	Mr.	Bhedasgaonkar Rahul C.	7588575989	HIT's College of Engineering (Autonomous) Kolhapur		rahul912b@gmail.com	97
49 N	Mr.	Lohar Vaibhav Vijay	9834947062	2 Finolex Academy of Management and Technology			
	_	Mr.Anil S.Mohite	9860119542	2 KIT's College of Engineering (Autonomous),Kolhapur	Mech	mohite.anil@kitcoek.in	
		Patil Shailesh Shashikant	9960229028	3 Tatysaheb Kore Institute of Engg. Technology Warananag	Mech	shaileshspatil@tkietwarana.ac.in	
	_	S Baskar	9159048764	Vistas	auto	baskar133.se@velsuniv.ac.in	
		Patil Pratik Ashokrao	7588587317	7 Rajarambapu Institute of technology Rajaramnagar	Mech	pratik.patil@ritindia.edu	A
		Kambale Vijaykumar D.	9422043731	1 KIT's College of Engineering (Autonomous) Kolhapur	Mech	kamble.vijaykumar@kitcoe.in	Q
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	(100 Col.)	Bhat Jitendra	8275268099	9 KIT's College of Engineering (Autonomous) Kolhapur	Mech	bhat.jitendra@kitcoek.in	Fat
	-	patil Sourabh	9860848355	5 KIT's College of Engineering (Autonomous) Kolhapur	Mech	patil.sourab@kitcoek.in ~	So
		Bhateja Ashish		7 Gulzar Group of Institutions , Ludhiana	Mech	akbhateja@ggi.ac.in	
	_	Veldandi Rajesh		6 Kakatiya Institute of Technology & Science	Mech	vrj.me@kitsw.ac.in	
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61	.Mr	Patil Pradip.B.	7768072755	Aanasaheb Dange College of Engineering & Technology, Aa	Mech	patilpradip22@gmail.com	Knobs
62	Mr	Patil V.B	8600600720	Aanasaheb Dange College of Engineering & Technology, Aa	Mech	vbpatil@gmail.com	UBPart
63	3 Mr	Lande Subodh		Nanasaheb Mahadik Polytechnic Institute, Peth	Mech	Subodhlande83@gmail.com	Swohn
64	1 Mr	. Mahesh A.Sutar	8600060042			mas@amgoi.edu.in	Hur
6	5 Mr	. Dr.P.J.Patil	9011199655	Tatysaheb Kore Institute of Engg. Technology Warananag	Mech	pjpaatil77@gmail.com	Part 15
	and purchase	. Dr.N.Dharashivkar	8208127865	Tatysaheb Kore Institute of Engg. Technology Warananag	Mech	dharashivkarn@gmail.com	Pros
		A.V.Jagtap		Sinhagad Institute of Technology,Pune	Mech	avjagtap1@gmail.com	Jack
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REPORT

Short Term Training Program (STTP) on "Recent Developments in Foundry and Indian Foundry Industry : Trends and Challenges" 06th June 2022 – 10th June. 2022 Sponsored by All India Council for Technical Education, New Delhi Organized by Department Of Mechanical Engineering Shri. Balasaheb Mane Shikshan Prasarak Mandal'sAshokrao Mane Group of Institutions, Faculty of Engg. and Management Studies





Accredited NAAC - 'A' GRADE, NBA Accredited Programs

AICTE sponsored one week Short Term Training Program (STTP) on "Recent Developments in Foundry and Indian Foundry Industry

: Trends and Challenges", was organized by Department of Mechanical Engineering, Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's, Ashokrao Mane Group of Institutions, from 06^{th} June 2022 – 10^{th} June. 2022. The STTP program received very good response with 80 participants from various institutes/colleges approved by AICTE and affiliated to various universities in Karnataka, Andhrapradesh and Maharashtra.

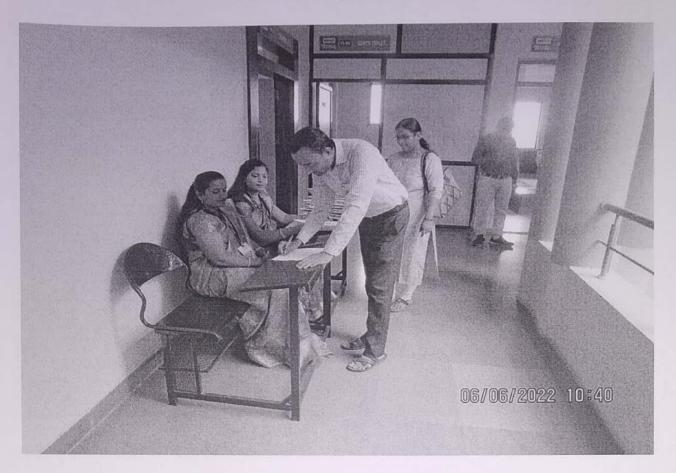
Day 1"". Date: 6th June. 2022

Inauguration

STTP was inaugurated on 6th June. 2022 by, in the presence Chief Guest-Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune, Dr. H. T Jadhav Director AMGOI Prof. P. B. Ghewari Dean Academics AMGOI, Prof. (Dr.) H. V. Shete HOD Mechanical Engg and STTP Coordinator and all participants.

Prof. M. A. Sutar STTP Coordinator and P. G. Coordinator welcomed the dignitaries. Prof. (Dr.) H. V. Shete the STTP coordinator conveyed the purpose of STTP and its importance. Dr. H. T Jadhav Director AMGOI in his address put across the profile and achievements of the institute and highlighted the importance of such programs. Prof. P. B. Ghewari Dean Academics AMGOI, in his address put across the profile and achievements of the institute

STTP Registration



Lightening of Lamp





Prof. (Dr.) H. V. Shete the STTP coordinator conveyed the purpose of STTP and its importance

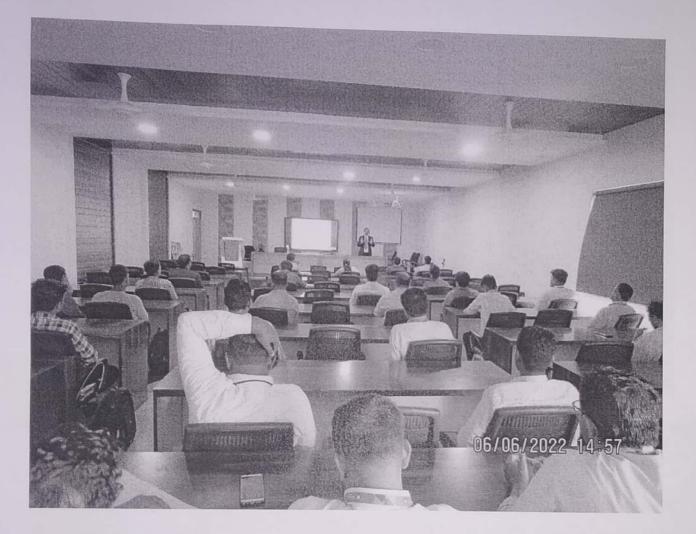


Prof. P. B. Ghewari Dean Academics AMGOI, in his address put across the profile and achievements of the institute



Session 1

Topic: Indian Foundry Industry: Trends and Challenges for Zero Defects Resource Person: Chief Guest-Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune Mob.9881711348 Email:Abhijit.koparde@kirloskar.com



Prof. M. A. Sutar STTP Cooordinator . Department of Mechanical Engineering introduced the resource person Chief Guest-Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune

. Dr. Shete, Coordinator of STTP and HOD Mechanical Department welcomed Chief Guest-Mr. Abhijit Koparde. DGM Kirloskar Oil Engine, Pune by offering memento.

Mr. Abhijit Koparde began the session by briefing about Indian Foundry Industry: Trends and Challenges for Zero Defects it can determine the effects of cores, gating, pouring parameters and feeding aids such as chill, insulating and exothermic materials. Mr. M A Sutar, Assistant Professor, AMGOI concluded the session by a vote of thanks.

Session 2

Topic: Indian Foundry Industry: Zero fettling - Myth or reality

Resource Person: Mr. Abhijit Koparde.





Session 3

Topic: Eco Molding Sand Materials

Resource Person: Dr. H. V. Shete Professor, R&D Dean, HOD Mechanical Engg Mob.9823925440 Email:hodmech@amgoi.edu.in

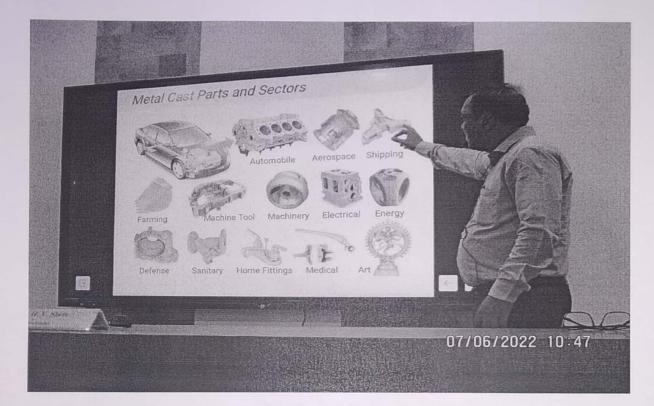


Resource Person: Dr. H. V. Shete Professor, R&D Dean, HOD Mechanical Engg Presented what is scope of Eco Molding Sand Materials in Recent Foundry

Session 4

Topic: Casting Simulation

Resource Person: Dr. V.D. Shinde Professor, DKTE Ichalkarnji Mob.9422590926 Email:vdshinde@dkte.ac.in





Lunch Session



Session 5

Topic: Case Study on Casting

Resource Person: Dr. V.D. Shinde Professor, DKTE Ichalkarnji Mob.9422590926 Email:vdshinde@dkte.ac.in



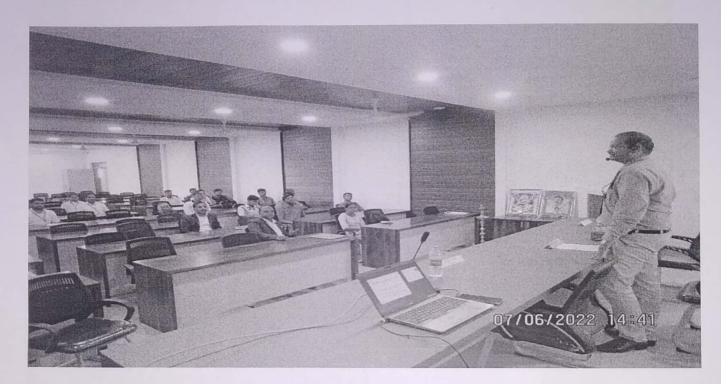


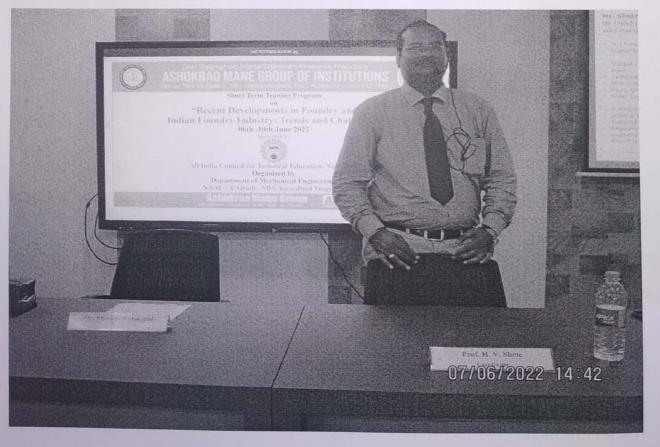
Vote of Thanks

Session 6

Topic: Challenges and Trends in Pump Casting

Resource Person: Mr.Shekhar Kulkarni Manager, WILO Mather and Plant Pumps Pvt. Ltd, Pune Mob.7219604497 Email:shekharmkulkarni@gmail.com

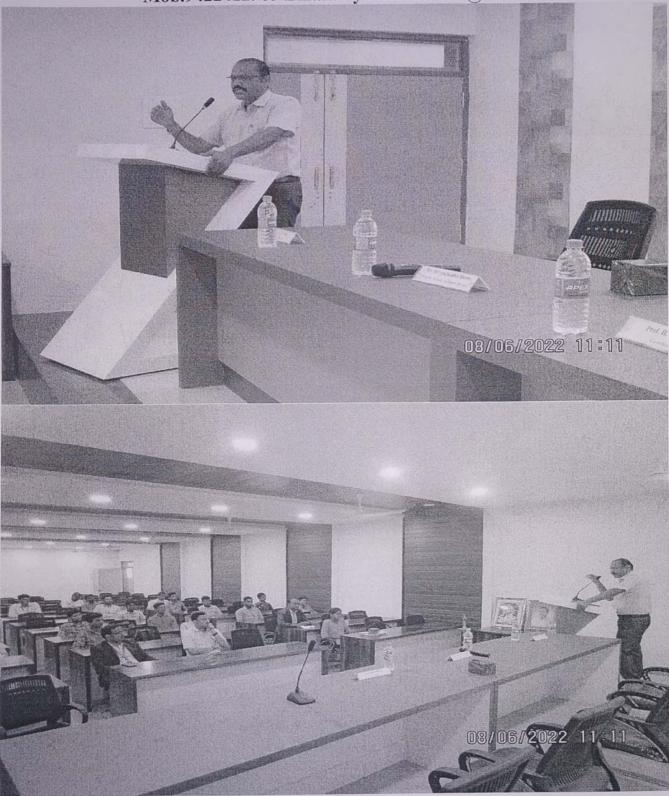




Session 7

Topic: Advance Scenario in Indian Foundry.

Resource Person: Mr. Harishchandra Dhotre Foundry Manger, Kohinoor Metallic, Kolhapur Mob.9422412903 Email: dynamicmetal1@hotmail.com

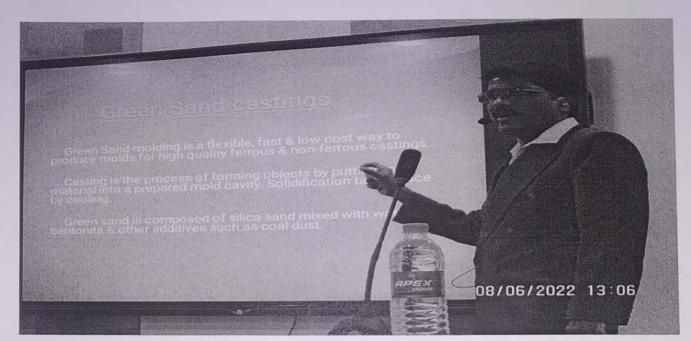


Session 8

Topic: Foundry Management

Resource Person: Mr. Sunil Sarnobat

General Manager & Plant Head, Fine Cast, Gokul Shirgaon Mob.7719907772 Email:finecast2007@gmail.com

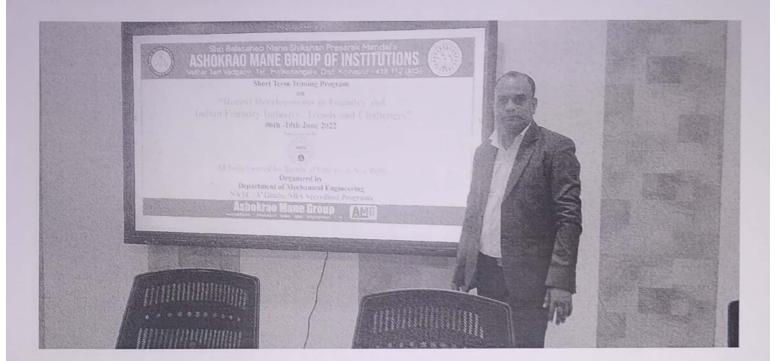


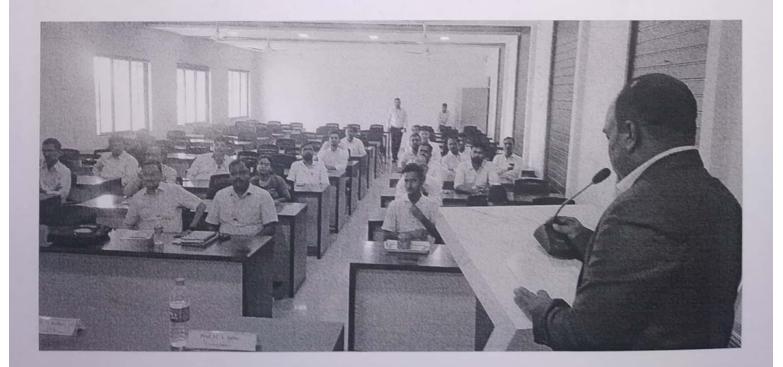


Session 9

Topic: Indian Foundry Industries: Trends and Scenario

Resource Person: Prof. M. A. Sutar P. G. Head, AMGOI, Vathar Mob.8600060042 Email:mas@amgoi.edu.in





Session 10

Topic: Industrial Visit - Aditi Foundry, Kolhapur Indian Foundry Industries: Trends and Scenario

Resource Person: Aditi Foundry, Kolhapur

Industrial Visit - Aditi Foundry, Kolhapur



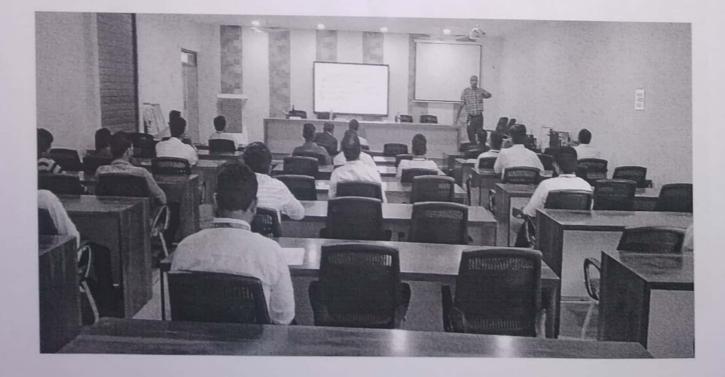


Session 11

Topic: Challenges in Foundry Industry

Resource Person: Mr.Sandeep Kulkarni Consultant- Manufacturing Sector Mob.9049207701 Email:sckulkarni3n@gmail.com





Session 12

Topic: Write Research Article Related To Foundry Industry

Resource Person: Dr. H. T Jadhav Director, AMGOI. Vathar Mob.9970700750 Email:director@amgoi.edu.in





Session 13

Valedictory Function

Topic: Write Research Article Related To Foundry Industry

Chief Guest : Mr.Sandeep Kulkarni Consultant- Manufacturing Sector and Director, AMGOI. Vathar





Short Term Training Program (STTP) On "Recent Developments in Foundry and Indian FoundryIndustry Trends and Challenges" 06th June 2022 – 10th June. 2022 Sponsored by All India Council for Technical Education, New Delhi



Organized by Department Of Mechanical Engineering Shri. Balasaheb Mane Shikshan Prasarak Mandal'sAshokrao Mane Group of Institutions, Faculty of Engg. and Management Studies Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112 Phone: (0230) 2407740, 2407750, 2407760 <u>www.amgoi.org</u> Accredited NAAC - 'A' GRADE NBA Accredited Programs

Feedback Form Name of Participant: Prot Jadhav Mahafrozzi Institute of Participant: Annasabeb Dange Engg. College Acte

Points	Excellent	Very Good	Good	Poor
Speakers				
Knowledge				
Presentation				
Content	V			
Q/A				
Lunch				
Accommodation	\checkmark			
Overall	. /			
Feedback	V			
Any Suggestion	Good			

Sign of Participant





Feedback Form

Name of Participant: Mr. Dhiraj D. Patil Institute of Participant Saraswati College of Engineering, Kharghar

Points	Excellent	Nam: Cood	Good	Poor
ronnts	Excellent	Very Good	Good	POOT
Speakers knowledge				
Presentation		L		
Content	L			
Q/A				
Lunch	1			
Accommodation	1			
Overall Feedback	L			
Any Suggestion				

Sign of Participant

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Short Term Training Program (STTP) "Recent Developments in Foundry and Indian Foundry Industry : Trends and Challenges" 06th June 2022 – 10th June. 2022 Sponsored by All India Council for Technical Education, New Delhi Organized by Department Of Mechanical Engineering Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR



Feedback Form

Name of Participant: Sagar S. Knotar Kar

Institute of Participant Saraswan College of Engineering, Eherghan. Mari Mumbal.

Points	Excellent	Very Good	Good	Poor
Speakers knowledge	~			
Presentation	~			
Content	~			
Q/A	~			
Lunch	~			
Accommodation				
Overall Feedback	~			
Any Suggestion	ver good s or FDP in F	ottp. keef Suture	o arranging	Such STTP

Participant

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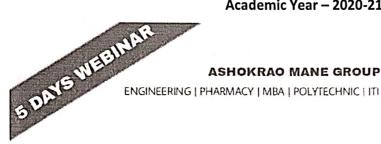
Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's ASHOKRAO MANE GROUP OF INSTITUTIONS **FACULTY OF ENGINEERING** DEPARTMENT OF CIVIL ENGINEERING



Date: 05/06/2021

Report on Five Days Online Workshop

Academic Year – 2020-21



CIVIL ENGINEERING DEPARTMENT

INNOVATIVE TECHNIQUES areast. CIVIL ENGINEERING

May 31 - June 4, 2021 | 4 PM

PLATFORM : Microsoft Teams

Organizer Prof. G. N. Chavan Workshop Coordinator Prof. J. M. Shinde Head of Department Prof. P. B. Ghewari In-charge Director

www.amgoi.org





Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's ASHOKRAO MANE GROUP OF INSTITUTIONS FACULTY OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING



Department of Civil Engineering has organized Five days online Workshop, on topic "Innovative Techniques in Civil Engineering", under Civil Engineering Student Association (CESA) activity, With the constant encouragement and guidance of our respected I/C Director Prof. P. B. Ghewari sir as well as with the support of HOD, Civil Department Prof. J.M.Shinde sir we are able to conduct this webinar. A Webinar is conducted in order to fill the gap of Industry and Academic. As well as to know the students various innovative techniques applied in Industry. This webinar was carried out dated from 31st May to 4th June 2021. From Monday to Friday. 4.00 PM to 5.00 PM.

Resource Persons: For this function five different guests were invited as speaker.

Day 1. Nilesh Malvia sir, Chief Manager, ACC Cement LTD. Solapur Unit.

Sir had covered various types of cement, manufacturing process of cement and properties of cement. Also Sir had guided in various IS specifications and use of cement in different conditions.

Day 2. Sayyad Nashim RMDM, Pidilite India LTD & Dipak Kulkarni MDI, Pidilite India LTD.

Students got knowledge about different types of innovative techniques used in slab constructions. Also learned about different chemicals used in construction industry. Most important sir has given excellent knowledge about water proofing techniques.

Day 3. Arvind Shukla Marketing Head, J K Lakshmi Plaster.

Another important concept was learned is smooth finishing. Students get awared abut wall putty its importance, its applications and different instruments used for applying.

Day 4. Kiran Mane Structural Consultant, Rajuri Steel, Sangli region.

Sir had delivered excellent information about steel. Content of steel, its specifications, various grade. Sir was given important knowledge about IS code and its provisions. Sir has also focused on improvement in manufacturing process.

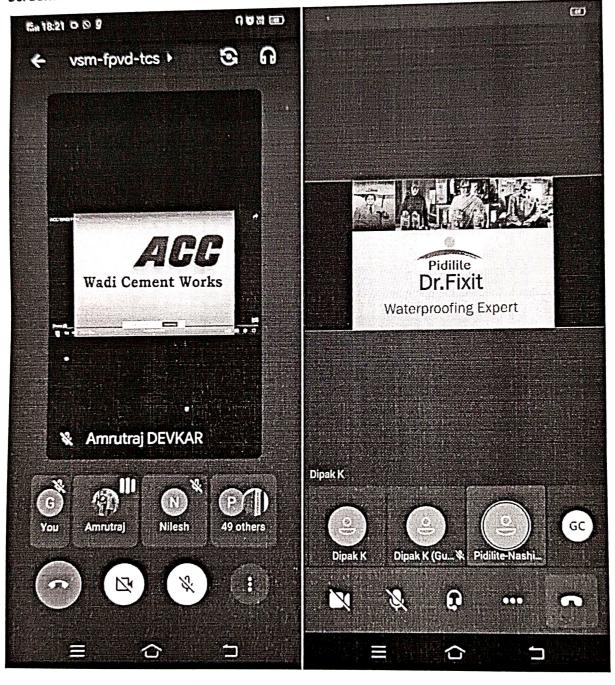
Day 5. Vijay Gaikwad Senior Engineer, Pride Purple Group, Pune.



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's ASHOKRAO MANE GROUP OF INSTITUTIONS FACULTY OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING



Screenshots Collected during Webinar:



Day 2

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Join for CN 9 April 2021 :20



AMGOI Datta Kale

Today our department has organised one expert talk on AWS certification, all TY students should attend this.

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11:18

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AMGOI Datta Kale *Forwarded*

Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise ... us04web.zoom.us

Nilesh Takale is inviting you to a scheduled Zoom meeting.

Topic: Nilesh Takale's Personal Meeting Room

Join Zoom Meeting https://us04web.zoom.us /j/4688770342?pwd= eU44ZnlzcUxRdVJOak8vR043 ZHVhQT09

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Join it 11:18

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AMGOI, AMGOI Aarati Pa...

9 April 2021



AMGOI Vijaya Desai

Our department has organised one expert talk on AWS certification, all Btecg students should attend this. 11:27

AMGOI Vijaya Desai

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Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise ... us04web.zoom.us

Nilesh Takale is inviting you to a scheduled Zoom meeting.

Topic: Nilesh Takale's Personal Meeting Room

Join Zoom Meeting https://us04web.zoom.us /j/4688770342?pwd= eU44ZnlzcUxRdVJOak8vR043 ZHVhQT09

Meeting ID: 468 877 0342 Passcode: 12345678

AMGOI Vijaya Desai

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Message

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Attendance is mandatory to all.

11:28

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One day Webinar on "Intrioduction to AWS and its Importance"

			Attendance Sheet	Date:-9/4/2021	
First Name of Student	Middle Name of Student	Last Name of Student	Department	Class of Student	Joined
Digvijay	Dilip	Patil	Computer Science & Engineering	TY	Yes
Harshal	Pratap	Mane	Computer Science & Engineering	TY	Yes
Vipul	Mohan	Padwal	Computer Science & Engineering	TY	Yes
Nishigandha	Vishwas	Patil	Computer Science & Engineering	BTECH	Yes
Amruta	Sanjay	Gaikwad	Computer Science & Engineering	TY	Yes
Seema	Dinkar	Mali	Computer Science & Engineering	TY	No
Pooja	Ashok	Patil	Computer Science & Engineering	BTECH	No
Akash	Bhagvan	Patil	Computer Science & Engineering	BTECH	Yes
Nida	Shahid	Mujawar	Computer Science & Engineering Computer Science &	ТҮ	Yes
Ashish	Mahavir	Patil	Computer Science & Engineering Computer Science &	втесн	Yes
Sushant	Dattatray	Hangande	Engineering Computer Science &	TY	Yes
Vikram	Pandurang	Kashid	Engineering Computer Science &	BTECH	Yes
Akhtar	Karim	Sutar	Engineering Computer Science &	TY	Yes
Jayvardhan	Sandip	Pawar	Engineering Computer Science &	SY	Yes
AKASH	VIJAY	PANARI	Engineering Computer Science &	TY	Yes
Dhanashri	Dhanaji	Jadhav	Engineering Computer Science &	SY	No
Rutuja	Pratapsinh	Shinde	Engineering Computer Science &	TY	Yes
Alok	Vilas	Yadav	Engineering Computer Science &	TY	Yes
Shaheen	Farook	Torgal	Engineering Computer Science &	SY	Yes
Amruta	Nagesh	Mitti	Engineering Computer Science &	TY	Yes
Simran	Samir	Mulla	Engineering Computer Science &	BTECH	Yes
Shubham	Nandkishor	Nazare	Engineering Computer Science &	SY	Yes
Rajeev	Shivaji	Singh	Engineering Computer Science &	TY	No
Harshada	Satish	Mahajan	Engineering Computer Science &	BTECH	Yes
KUNAL	MAHESH	KSHIRSAGAR	Engineering Computer Science &	TY	Yes
Shivani	Maruti	Patil	Engineering Computer Science &	BTECH	Yes
Prajvali	Prakash	Kulkarni	Engineering	SY	No
Ayurvedi	Dayanand	Ganbawale	Computer Science & Engineering	ТҮ	Yes
Hrithik	Kailash	Purohit	Computer Science & Engineering	ТҮ	Yes
Avinash	Vilas	Ravan	Computer Science & Engineering	BTECH	Yes

Nilesh	Prakash	Jadhav	Computer Science & Engineering	TY	Yes
Ankita	Amol	Londhe	Computer Science & Engineering	SY	Yes
			Computer Science &		
Komal	Vishnudas	Kharade	Engineering	TY	Yes
Gulsha	Shreekumar	Chawla	Computer Science & Engineering	TY	Yes
Avadhut	Balasaheb	Shinde	Computer Science & Engineering	SY	Yes
Priyanka	Vijay	Patil	Computer Science & Engineering	BTECH	Yes
Nilam	Nivas	Kurle	Computer Science & Engineering	TY	Yes
Suchita	Chandrakant	Hamidawade	Computer Science & Engineering	SY	Yes
SANKET	SHIVAJI	ADURKAR	Computer Science & Engineering	BTECH	Yes
Quant	Orminu	O a walk ha ii	Computer Science &	0)/	N ₂ -
Suraj	Sanjay	Sambhoji	Engineering Computer Science &	SY	Yes
Tejas	Maruti	Patil	Engineering Computer Science &	BTECH	Yes
Shivani	Sandip	Shinde	Engineering	BTECH	Yes
Rushikesh	Satish	Jadhav	Computer Science & Engineering	SY	Yes
Rushikosh	Odilon	oddildv	Computer Science &		105
Dnyaneshwar	Sharad	Chakotkar	Engineering	SY	Yes
Tejas	Monohar	Rane	Computer Science & Engineering	TY	Yes
Sumit	Sunil	Aadmuthe	Computer Science & Engineering	TY	Yes
Abhay	Ashok	Patil	Computer Science & Engineering	TY	Yes
Abilay	ASHOK		Computer Science &		165
Neha	Shivaji	Sathe	Engineering	SY	Yes
Smetali	Rajendra	Bagal	Computer Science & Engineering	SY	Yes
Onetan	Rajendia	Dagai	Computer Science &	01	103
Rutuja	Anil	Mane	Engineering	SY	Yes
Suprivo	Sombhoii	Dongare	Computer Science &	TY	Yes
Supriya	Sambhaji	Doligare	Engineering Computer Science &		165
Sneha	Bhimrao	Jadhav	Engineering	BTECH	Yes
Arya	Ashok	Patil	Computer Science & Engineering	SY	Yes
			Computer Science &		
Prathamesh	Balaso	Jadhav	Engineering Computer Science &	TY	Yes
Samruddhi	Sunil	Patil	Engineering	ТҮ	Yes
Rameshwari	Ramrao	Sankpal	Computer Science & Engineering	TY	Yes
			Computer Science &	TY	
Shruti	Shrishail	Kanwade	Engineering Computer Science &		Yes
Manasi	Suhas	Mahajan	Engineering	TY	Yes
Swati	Ravsaheb	Mali	Computer Science & Engineering	TY	Yes
Kajal	Sambhaji	Patil	Computer Science & Engineering	TY	Yes
Swapnali	Ashok	Gaikwad	Computer Science & Engineering	TY	Yes
RASIKA	SHIVAJI	PATIL	Computer Science & Engineering	TY	Yes
Aditi	Manik	Patil	Computer Science &	TY	Yes

			Engineering		
			Computer Science &		
Utkarsha	Udayraj	Patil	Engineering	BTECH	Yes
			Computer Science &		
Kiran	Anil	Aiwale	Engineering	TY	Yes
			Computer Science &		
Arati	Balkrishna	Chavan	Engineering	BTECH	Yes
			Computer Science &		
Pooja	Mahadev	Yadav	Engineering	TY	Yes
			Computer Science &		
Vivek	Deepak	Mahadeshwar	Engineering	TY	Yes
			Computer Science &		
Anas	Riyajkhan	Patankar	Engineering	TY	Yes
			Computer Science &		
Sneha	Mohan	Patil	Engineering	TY	Yes
			Computer Science &		
Siddhesh	Sanjay	Deshmukh	Engineering	TY	No
			Computer Science &		
Shital	Aganappa	Khandekar	Engineering	TY	Yes
			Computer Science &		
Mayuri	Manik	Patil	Engineering	TY	Yes
			Computer Science &		
Priti	Keraba	Patil	Engineering	TY	Yes
			Computer Science &		
Aishwarya	Tanaji	Dhale	Engineering	TY	Yes
			Computer Science &		
Siddharth	Popatrao	Mohite	Engineering	SY	Yes
			Computer Science &		
Prathmesh	Shankar	Patil	Engineering	TY	Yes



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112 E-mail: <u>hodcivil@amgoi.edu.in</u>, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)

DEPARTMENT OF CIVIL ENGINEERING

Date: 21 /02/2022

Co-ordinator Report

Training Program

On

"Advance Building Architectural Software- 3D's Max V-Ray & Photoshop"

Name of program: "3Ds MAX DESIGN CLUB"

Name of the Co-ordinator: Prof. P. S. Koli

Objectives of the program:

- 1) To give hands on training of software uses in planning and designing.
- 2) To teach students the essentials of working in 3D using an array of features and tools.
- 3) To teach basics of creating, embellishing and developing 3D scenes.

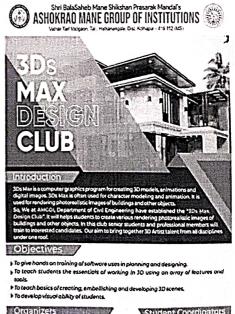
4) To develop visual ability of students.

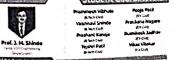
About the program:

3Ds Max is a computer graphics program for creating 3D models, animations and digital images. 3Ds Max is often used for character modelling and animation.

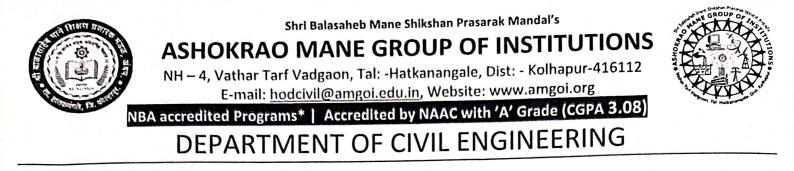
It is used for rendering photorealistic images of buildings and other objects. So, We at AMGOI, Department of Civil Engineering have established the "3Ds Max Design Club". it will helps students to create various rendering photorealistic images of buildings and other objects.

In this club senior students and professional members will train to interested candidates. Our aim to bring together 3D Artist talent from all disciplines under one roof.









3. Valedictory Function:

This function was started at 10 am as per schedule. The chief guest for inauguration was Mr.Riyaz Pendhari CEO Poly Edge Consultancy The guest of honour for valedictory function was Mr.Rohit Katkar. Co-ordinator of Program Prof.P.S.Koli gave Introduction of Guest. The overview was given by Prof. J. M. Shinde, HOD Civil Engineering Department AMGOI. The distribution of certificates to participants is followed by overview & chief guest speech.. Vote of thanks was delivered by Prof. J. A. Patil,

Prof.P.S.Koli Co-ordinator of Program

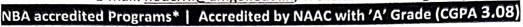
Department of Civil Engineering



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112 E-mail: <u>hodcivil@amgoi.edu.in</u>, Website: www.amgoi.org



DEPARTMENT OF CIVIL ENGINEERING

Schedule the program:

Date	Торіс	Resource Person		
05/02/2022	Introduction of 3D max	Mr. Rohit Katkar		
06/02/2022	Basic Commands Door & Window	Mr. Riyaj Pendhari		
12/02/2022	Extrude & Edit Poly V – Ray Texture	Mr. Rohit Katkar		
13/02/2022	V- Ray Material & Colour	Mr. Rohit Katkar		
18/02/2022	V- Ray Advance settings	Mr. Rohit Katkar		
19/02/2022	Advance Final Rendering & Photoshop	Mr. Rohit Katkar		

1. Inauguration Function:

The inaugural function is started at 10 am as per schedule. The chief guest for inauguration was Prof. J. M. Shinde, HOD Civil Engineering Department AMGOI. The function started with lightning of lamps. The introductory speech was delivered by Prof. J. A. Patil, The felicitation of dignitaries with roses & books is followed by introductory speech.Mr. Rohit Katkar Trainer of Poly Edge Consultancy Give the introduction of 3D software. The main speech is delivered by Prof. J. M. Shinde Vote of thanks was delivered by Prof. P. S. Koli.

2. Participant Details:

Total 15 participants were attended the program. All participants from TY Civil



Daywise Breakup

Duration: 36 Hrs Sessions: 12 (6 sessions for Lecture + Demo & 6 sessions for Practical + Problem Solving)

Day-1

First Session (2 Hours & 30 Minutes – Lecture & Demonstration)

- 1. Elevation Concept Clearing
- 2. 3D's Max Software Intro & Industrial Needs
- 3. AutoCAD Plan Understanding & Importing
- 4. Working on AutoCAD Plan in Max (Modelling body of the Building & Foundation)

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

Day - 2

First Session (2 Hours & 30 Minutes – Lecture & Demonstration)

- 1. Working with Windows, Doors, Staircase & Railing
- 2. Creating various offsets for Building Elevation

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

Day – 3

First Session (2 Hours & 30 Minutes – Lecture & Demonstration)

- 1. Working on another Elevation for same Plan
- 2. Creating various offsets for Building Elevation

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

Day-4

First Session (2 Hours & 30 Minutes - Lecture & Demonstration)

- 1. V-Ray Intro & Industrial Needs
- 2. Working with Basic Texturing, Lighting & Environments
- 3. Dealing with Material Library in 3D's Max

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

Day - 5

First Session (2 Hours & 30 Minutes - Lecture & Demonstration)

- 1. Working with Advanced Texturing & Lighting
- 2. Advanced V-Ray Settings
- 3. Basic Rendering using V-Ray

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

Day-6

First Session (2 Hours & 30 Minutes – Lecture & Demonstration)

- 1. Advanced Final Rendering
- 2. Post Production using Photoshop
- 3. Final Output

Break: 30 Minutes

Second Session (3 hours - Practice & Problem Solving)

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Ashokrao Mane Group of Institutions, Vathar. Faculty of Engineering Department of Civil Engineering 3D MAX AITENDANCE SHEET

	Month							with art						
SR No.	Name of Student	Date	512	(162	142	1812	- 1812	191	2012	-1512				
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7	/Sutar Maithili Sanjay	2								-				
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10•	/Pawar Komal Deepak	Bopasar			Bolonas	Dopauny	COCO	Copara		0 EF				
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Co-ordonator

HOD



