1.2.3 Detail of Number of Add on /Certificate programs offered during the year (30 Hrs.)

Report on Guest Lecture "Digital Marketing & Growth Hacking"

Department	: Department of Information Technology
Event Title/Activity Name	: Guest Lecture on "Digital Marketing & Growth Hacking"
Date & Time	: 08/06/2021
Venue	: Though Online Media
No of Present Students	: 98
Guest	: Er. Govind Chandak, Business Head, NSDM India
Program coordinator	: Prof. Jagdish Pimple.
Objective of program	: To help the students to generate the awareness needed as a start to
	building sustainable brand online.

THE Department of Information Technology of Nagpur Institute of Technology organized : webinar on "Digital Marketing & Growth Hacking Life" under Internal Quality Assurance Cell (IQAC) of NIT, recently. The session was conducted by the eminent guest: Er. Govind Chandak, Business Head, NSDM India . The eminent speakers enlighten the various topic related to Emotional Intelligence.

Dr. Amol Deshmukh, Principal, NIT, Nagpur gave the introductory remarks. Prof. Jagdish Pimple, Head of Information Technology Department briefed the program. Total 98 Participants registered and participated from various cities like Pune, Delhi and Nagpur etc for the event. Students were briefed about the different areas of Digital Marketing with job opportunities with digital marketing, In addition to this ,He also elaborated how the students can start their business in the field of Digital Marketing. While addressing the large crowd, Mr. Govind greeted all the students of Computer Sci & Information Technology Department and express his happiness for interaction with the students. During the session he also presented the sample videos on digital marketing to experience the market trend in Digital marketing.

At the concluding Dr. Amol Deshmukh Principal, NIT Appreciated the event that the session was very helpful for the students as well as faculty members to improve interpersonal communication, achieving success in the workplace or social relationships. Prof. Shubhangi Chaware proposed vote of thanks and Prof. Jagdish Pimple co-ordinate the event successfully.

Glimpses of The Event :







Report on live Interaction on "How Startups are Different"

Department Event Title/Activity Name	: Department of Information Technology : Interaction on "How Startups are Different"
Date & Time	: 09/01/2021
Venue	: Though Online Media
No of Present Students	: 30
Guest	: Mr. Siddhant Malani, Founder CEO, Class Pvt. Ltd.
Program coordinator	: Ms. Shubhangi Chaware
Objective of program	: To provide a platform for speedy commercialization of
	technology developed by new entrepreneurs.

THE Department Information Technology of Nagpur Institute of Technology has organized live Interaction on *"How Startups are Different"* on 09/01/2021 for the students of Information Technology department and the students with the different educational background recently. The session was conducted by the eminent guest *Mr. Siddhant Malani, Founder CEO, Class Pvt. Ltd.Nagpur.* Prof. Shubhangi Chaware, Forum In-charge of IT department has started the session with introduction of the guest. Further Mr. Shiddhant Malani has elaborated the wide domain of startups to build a vibrant startup ecosystem, by establishing a network between academia, financial institutions, industries, and other institutes.

The session was helpful for the students for grabbing the opportunities for their new startups in order to start their company. He also elaborated on business plans which provides guidance as to how your startup should grow and develop further. At the ending of the session Prof. Shubhangi Chaware, Forum In-charge IT ,proposed vote of thanks.

Glimpses of The Event :



Report on Webinar on "Vedic Mathematics"

Department Event Title/Activity Name	: B.E. First year : Vedic Mathematics
Event They neuvrey Nume	
Date & Time	: 17/05/2021
Venue	: Though Online Media
No of Present Students	: 132
Guest	: Dr. Prashant Sharma- Head of the Department, Govt Polytechnic.
Program coordinator	: Prof. Dhiraj Meghe
Objective of program	: To understand the scope of vedic mathematics in modern
science and technology.	

Department of First Year of Nagpur Institute of Technology, in association with Vedic Gyan Prasaran Mandal and Maharashtra Ganit Adhyapak Mahamandal organised Webinar on *Vedic Mathematics by Dr. Prashant Sharma- Head of the Department, Govt Polytechnic, Awasari, Pune* on 17/05/2021. The topic of this webinar is history and importance of vedic mathematics,vedic calculation techniques scope of vedic mathematics in modern science and technology. The expert shared that the brilliance of Vedic Mathematics is not only for fast computations but it also finds application in modern field of knowledge like Atomic Sector, Space Programme etc. Various techniques and sutras like Ekadhikina Purvena, Nikhilam Navatashcaramam Dashatah and Sankalana-vyavakalanabhyam etc. were discussed and queries of students were clarified Principal, Dr. Amol Deshmukh delivered the opening remarks Dr Sonika Kochhar conducted the proceedings of the programme while, Dr.J. Bhaiswar, HoD, First year proposed a vote of thanks.Prof Dhiraj Meghe, Coordinator of the programme and first year team worked hard to make the programme a grand success. Participants have received E-certificate and soft copy of first book of vedic mathematics... More than 120 participant take the benefit of this webinar.

Glimpses of The Event :



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NIT, Vedic Gyan Mandal hold event on Vedic maths



epartment of first year of Nagpur Institute of Technology (NIT) in association with Vedic Gyan Prasaran Mandal and Maharashtra Ganit Adhyapak Mahamandal recently organized a webinar on Vedic mathematics by Prashant Sharma, of Govt Polytechnic, Awasari in Pune. Principal Amol Deshmukh delivered the opening remarks. Sharma said, "Vedic

Mathematics is not only for fast computations but it also finds application in modern field of knowledge like atomic sector, space programme etc." Various techniques and sutras like 'Ekadhikina Purvena', 'Nikhilam Navatashcaramam Dashatah' and 'Sankalana vyavakalanabhyam' were discussed and queries of students were clarified. Sonika Kochhar conducted the proceedings while J Bhaiswar, head of first year department, proposed a vote of thanks. Prof Dhiraj Meghe, coordinator of the programme and the first year team worked hard to make the programme a success.

Report on "Webinar on Stress Management"

: B.E. First year
: Webinar on Stress Management
: 10/06/2021
: Though Online Media
: 145
: Dr. Avinash Saoji Director Prayas, Amravati
: Dr.Sonika Kochhar

Department of First Year of Nagpur Institute of Technology, in association Engineers without Borders, India(EWB) has successfully Organized a Webinar on "*Stress Management*" by Dr. Avinash Saoji,Director Prayas, Amravati on 10th June 2021.The main objective was to help students learn the connection between mind and body.The expert discussed basic sources of stress,stress management techniques .Principal, Dr.Amol Deshmukh lauded staff for organizing such events and stated that Stress management helps us control our health in a positive sense.Dr.J. Bhaiswar, HoD, First year proposed a vote of thanks. Dr.Sonika Kochhar ,Coordinator of the programme, Prof Dhiraj Meghe and first year team worked hard to make the programme a grand success. More than 145 participant take the benefit of this webinar.

Glimpses of The Event :





Report on Online One Week International Webinar Series on "Top Trending Technologies in the World"-

Department	: B.E. First year
Event Title/Activity Name	: Ergonomics for college students
Date & Time	: 27/02/2021
Venue	: Though Online Media
No of Present Students	: 154
Program coordinator Objective of program	Dr. Barkha NagpalHelp students avoid falling into bad postural habits.
objective of program	. Theip students avoid furning into oud postular habits.

Department of First Year of Nagpur Institute of Technology organized a Webinar on "*Ergonomics for college students*" by Dr. Barkha Nagpal on 27th Feb 2021.During Covid time when students were learnind through online mode and relying too much on mobiles and computers there were ample chances of falling into bad postural habits.To overcome this problem this webinar was arranged so as to provide Ergonomic Tips for computer users and protect their back, neck and wrists, especially when using technology.Principal, Dr.Amol Deshmukh lauded staff for organizing such events .Dr.J. Bhaiswar, HoD, First year proposed a vote of thanks. Dr.Sonika Kochhar, Coordinator of the programme, Prof Dhiraj Meghe and first year team worked hard to make the programme a grand success. More than 150 participant take the benefit of this webinar.

Glimpses of The Event :







ShriSaiShikshanSanstha's

NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR





Date:24/8/2020

Guest lecture Report

Session	:	2020-2021
Department	:	Mechanical Engineering
Topic	:	Advancements in CAD/CAM
Date & Time of interaction	:	24 Aug 2020 to 29Aug 2020
Name of Expert Mr. Sujit Banarjee Scientist F, Department of Scie Day-2	: Day	
Dr. Suhas Deshmukh Associate Professor, Mechanica Day-3 Dr. Vishal Shukla Associate Professor, Mechanic SRCOEM, Nagpur		
Day-4 Dr. A. M. Kuthe Professor, Mechanical Enginee VNIT, Nagpur Day-5		
Mrs. Ashwini K. Mishra, Tech Technical Research Department		
No of Staff participated	:	72
Coordinators	:	Prof. M. T. Kanojiya
Objective of guest lecture	:	To update the knowledge in the CAD/CAM Sector

Event Details:

Mechanical Engineering Department has organized online webinar series on Advancements in CAD/CAM a step for updating the knowledge in the field of CAM/CAM. The Expert for the webinar was from various sectors. Opening remark was delivered by Dr. A. Y. Deshmukh, Principal NIT, Nagpur. Vote of thanks delivered by Dr. N. K. Mandavgade, Head, Mechanical Engineering. and the webinar was coordinated by Prof. M. K. Kanojiya.



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Survey No.13/2, Mahurzari, Near Fetri, Katol Road Nagpur-441501

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Email: info@nit.edu.in

Photographs of Guest lecture





ShriSaiShikshanSanstha's

NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR



Survey No.13/2, Mahurzari, Near Fetri, Katol Road Nagpur-441501

GPUN		Email: <u>info@nit.edu.in</u> IQAC
Department	:	Mechanical Engineering
Topic	:	Computational Fluid Dynamics (CFD)
Date & Time of interaction	:	05/12/20, 10:30AM to 11:30 AM
Name of Expert	:	Mr. VinodWankar
Contact Details	:	9890217175
Designation	:	Director
Name of organization	:	VKV Engineering Solutions Pvt Ltd, Nagpur
No of Staff participated	:	40 students from all sem
Coordinators	:	Mr. VipinKhangar
Objective of guest lecture design & analysis	:	To awarestudents about varioussoftware tools for product

Event Details:

Mechanical Engineering department organized a Guest Lecture on "Computational Fluid Dynamics (CFD)" on 05/12/20 for Mechanical Engineering students.Mr. Vipin KhangarCoordinator, Guest Lecturewelcomed the guest and delivered the opening remarks. The lecture was given by Mr. Vinod Wankar, Director VKV Engineering Solutions Pvt Ltd, Nagpur. He guided students on various aspect of CFD software used in industries for analysis. Also Demonstration various industrial case studies on which CFD analysis carried out. 40 students & faculties attended the session.

The program was concluded with vote of thanks by Dr. N K Mandavgade, HoD Mechanical Engineering Department.



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Name of Program - Webinar on Data Science and Artificial Intelligence Name of Department- Computer Science & Engineering Name of organization- Nagpur Institute of Technology, Nagpur Name of activity – Webinar on Data Science and Artificial Intelligence Venue: Online Zoom Platform Date of event-26-7-2020

Department of Computer Science & Engineering organized a Webinar on Data Science and Artificial Intelligence in Collaboration with Datalogy Inc. Gurgaon. The expert gave insights of the latest trends in A1 & Data Science and discussed about the newer technology in depth. He has also discussed about the opportunities in these area.





Prepared by: Prof. Mahvash Iram Khan



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Name of Program - Expert Lecture Name of Department- Computer Science & Engineering Name of organization- Nagpur Institute of Technology, Nagpur Name of activity - Expert Lecture on SAP Venue: Online Zoom Platform Date of event-17-10-2020

A Expert Lecture on SAP was arranged by deptt of Computer science and Engineering. Mr.Anand Fale, SAP Technology Architect/Project Manager, U.K. guided students for the Opportunities in the field of ERP thru SAP.



Prepared by: Prof. Mahvash Iram Khan

Report on "Webinar On "How To Crack Gate In First Attempt"

Department	: Depar	tment of Computer Science & Engineering
Event Title/Activity Name	"Webi	nar On "How To Crack Gate In First Attempt"
Guests	:	Dr. Mahipal Reddy, ACE Academy Hyderabad.
Date & Time	:	15-5-2021, 1:00pm
Mode of Conduction	:	Online Zoom Platform
No of Present Students	:	75
Program coordinator	:	Prof. Aparitosh Gahankari
Objective of program first attempt	:	To make students aware about how to crack GATE in

Department of Computer Science & Engineering organized an Online WEBINAR on "How to crack GATE in first attempt" for Students by ACE Academy Hyderabad. Dr. Mahipal Reddy was the speaker of the session. He discussed about the Gate opportunities in PSU,Govt Sector and others. He has also discussed about the syllabus and strategy for clearing exams.

Following are some of the glimpses



Report of Expert Lecture on "Future in E-Vehicle".

Topic of Lecture Expert	: :	Guest lecture on "Future in E-Vehicle". Ms. Sanjivani Sagar, Assistant System Engineer, TCS, Nagpur
Date	:	12 th December 2020
Venue	:	Zoom Online Platform
Details of Participa	nts:	HOD, all teaching faculties of Electrical Engineering Department

and All Semester Electrical Engg. Students.

Aim: To bestowed the students with knowledge and latest technical updates about E-Vehicle & its Future.

Objective : This lecture will learn the following:

- 1) To understand about E-Vehicle.
- To study difference between conventional vehicle and E-Vehicle along with future Scope and challenges.

Introduction:

Department of Electrical Engineering, Nagpur Institute of Technology, Nagpur organized a Guest Lecture as part of curriculum based on "Future in E-Vehicle" for All Semester (BE) Electrical Engineering Students on 12thDecember 2020. Expert faculty - Ms. Sanjivani Sagar, Assistant System Engineer, TCS, Nagpur. The Guest made the students acquainted with the Scope of E-Vehicle and challenges.

Lecture Details:

The Guest Speaker Ms. Sanjivani Sagar, spoke on the various aspects of E-Vehicle and its need in near future. She also gave an insight on the Conventional Vehicles and what will be the future scope in this field. She explained the stages of manufacturing the vehicle like Body in white, Paint shop, Trim line, Chassis.

Further she has explained the main topic i.e. What is an Electric car? Types of Electric car at present in that she explained Solar powered EV, Hybrid EV and Battery EV. Why we need EV? Then she turns towards working of Electric Vehicle where she explained Energy storage unit, Controller, Propulsion System in detail. Later she explained the various Features of EV and V-Cycle i.e. Verification and Validation required. The Program concluded with question-answer session which cleared all the doubts and concept of the students.

Outcome of Lecture:

- 1. The lecture cleared the basic requirements and need of E-Vehicle.
- 2. Students understood difference between conventional vehicle and E-Vehicle along with advantages of adopting it in near future.

.Conclusion:

Students got benefited as they got knowledge relevant to subject and Future in E-Vehicle.

Acknowledgment:

- On behalf of Electrical Engineering Department we sincerely thank Ms. Sanjivani Sagar, Assistant System Engineer, TCS, Nagpur for accepting our invitation and delivering Lecture on "Future in E-Vehicle" to our students from Curriculum, Research and Application point of view.
- 2) Our deep sense of gratitude to Dr. Amol Deshmukh, Principal, NIT, Nagpur for providing support in organizing the guest lecture.





Event Photos:

Report of Expert Lecture on "Future of Renewable Application in Power

Topic of Lecture	:	Guest lecture on "Future of Renewable Application in Power		
System".				
Expert	:	Dr. Harshit Dalvi, Associate Professor, HoD, EE, Bajaj Institute of		
Technology, Wardha				
Date	:	12 th January 2021		
Venue	:	Zoom Online Platform		
Details of Participants:		HOD, all teaching faculties of Electrical Engineering Department		
and All Semester Electrical Engg. Students.				
Aim: To bestowed the students with knowledge and latest technical updates about Renewable				
Power & Its Applications.				
Objective	: This	lecture will learn the following:		
		3) To understand basics of Renewable Power.		

 To study today's electricity scenario and future choices in Renewable Power.

Introduction:

Department of Electrical Engineering, Nagpur Institute of Technology, Nagpur organized a Guest Lecture as part of curriculum based on "Future of Renewable Application in Power System" for All Semester (BE) Electrical Engineering Students on 12thJanuary 2021. Expert faculty - Dr. Harshit Dalvi, Associate Professor, HoD, EE, Bajaj Institute of Technology, Wardha. The Guest made the students acquainted with the basic and advances in Renewable Power and their Applications in different areas.

Lecture Details:

The Guest Speaker Dr. Harshit Dalvi, spoke on the various Types of Renewable Energy sources and their importance. He also gave an insight on the today's electricity sources and what will be the tomorrows choices. He also emphasize on Different Types of Renewable Energy sources like wind, solar and their Applications.

Further he also explained the various PV panels and its testing i.e. OC and SC test on PV panel with some real time data and compared its efficiencies. He explained the detail working of solar system with on-grid and off-grid connections with the help of block diagram. Later he gives the detail idea about wind farms where there are wind mills, transformers, transmission line and its controllers. Lastly sir has shared some of his research work on the same topic with students.

The Program concluded with question- answer session which cleared all the doubts and concept of the students.

Outcome of Lecture:

- The lecture cleared the basic fundaments of Renewable power and its applications in near future.
- 4. Students understood the Solar, Wind power technologies, its importance and what research is going on in this field.

.Conclusion:

Students got benefited as they got knowledge relevant to subject and Renewable Power.

Acknowledgment:

- 3) On behalf of Electrical Engineering Department we sincerely thank Dr. Harshit Dalvi, Associate Professor, HoD, EE, Bajaj Institute of Technology, Wardha for accepting our invitation and delivering Lecture on "Future of Renewable Application in Power System" to our students from Curriculum, Research and Application point of view.
- 4) Our deep sense of gratitude to Dr. Amol Deshmukh, Principal, NIT, Nagpur for providing support in organizing the guest lecture.

Event Photos:







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Name of Program - webinar on Academic GIS Solutions Name of Department- Civil Engineering Name of organization- Civil Engineering Student's Association Name of activity - webinar Venue: Nagpur Institute Of Technology, Nagpur Date of event- February 08, 2021

Event description: Department of Civil Engineering of NIT, Nagpur Organized webinar on Academic GIS Solutions for Education Institutions on February 08, 2021. The expert speaker for the webinar was Mr. Vinit Bitla, Technical Division for ESRI, India. Mr. Vinit Bitla shared his personal experience and knowledge with the civil engineering students. Total 72 students attended the webinar. The session was concluded by Prof. Dhiraj Naxine with vote of thanks.



Submitted by: Prof. Dhiraj Naxine Coordinator

Prof. Sadhir Kapgate (HOD, Civil Engineering Department) Head of Department





Name of Program - Determination of Shear Strength by Laboratory Methods Name of Department- Civil Engineering Name of organization- Civil Engineering Student's Association Name of activity – Guest Lecture Venue: Nagpur Institute Of Technology, Nagpur Date of event- 14th June 2021

Event description: Forum of Civil Engineering Department CESA (Civil Engineering Student Association) Organized a Guest Lecture on "Determination of Shear Strength by Laboratory Methods" for the students 14th June 2021. The guest for the lecture was Mrs. Vaishali Rajurkar, Asst. Professor, Civil Department, Shri Ramdeobaba College of Engineering and Management, Nagpur. Opening remark was delivered by Prof. Sudhir Kapgate, HOD, Civil Engineering Department, NIT, Nagpur. Prof. Dhiraj Naxine conducted the proceedings and also proposed entire Civil Engineering department and also Civil Engineering team worked hard to make the program a grand success. Total 137 students attend the lecture.

Shri Sai Shikshan Sanstha's NAGPUR INSTITUTE OF TECHNOLOGY GUEST LECTURE ON DETERMINATION OF SHEAR STRENGTH BY LABORATORY METHODS 12.0

Submitted by:

Coordinator

Prof. Prerna Salodkar



13/11/ 15/06/2021

Prof. Sudhir Kapgate (HOD, Civil Engineering Department)

E Head of Departing



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Name of Program - webinar on "Employability Skills For Insdustry 4.0" Name of Department- Civil Engineering Name of organization- Civil Engineering Student's Association Name of activity – webinar Venue: Nagpur Institute Of Technology, Nagpur Date of event- 22nd May 2021

Event description: Civil Engineering Department student forum CESA (Civil Engineering Student Association) organized online webinar on "Employability Skills For Insdustry 4.0" for the students on 2nd May 2021. The Expert for the webinar was Dr. Rakesh Himte, Motivational Speaker & Dean Student Counselling PIET, Nagpur, Opening remark was delivered by Dr. Amol Deshmukh, Principal, NIT, Nagpur, Vote of thanks delivered by Prof. Sudhir Kapgate, Head, Civil Engineering. Total 160 participants attend the webinar.





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Name of Program - Conceptualizing Digital Built Environment with Focus on BIM Name of Department- Civil Engineering Name of organization- Civil Engineering Student's Association Name of activity - Webinar Venue: Nagpur Institute Of Technology, Nagpur Date of event- 05th July 2021

Event description: Forum of Civil Engineering Department CESA (Civil Engineering Student Association) Organized a Webinar on "Conceptualizing Digital Built Environment with Focus on BIM" for the students on 05th July 2021. The guest for the lecture was Prof. Renuka Mandlik, Assistant Professor, RICS School of Built Environment, Amity University, Mumbai and Abhishek Panchal, Manager- Admission, RICS School of Built Environment, Mumbai. Opening remark was delivered by Prof. Sudhir Kapgate, HOD, Civil Engineering Department, NIT, Nagpur. Prof. Chetan Gawli conducted the proceedings. Prof. Dhiraj Naxine proposed vote of thanks. The webinar was successfully coordinated by Prof. Dhiraj Naxine and entire Civil Engineering department and also Civil Engineering team worked hard to make the program a grand success. Total 114 participants attend the webinar.



Head of Department Civil Engineering Nagpur Institute of Technology Nagpur