



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



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Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU/PN/Engg./093 (1992))

Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes

Activities Conducted under Club and Chapters Year 2022-23

| Sr No | Name of the Activity | Date of Conduction | No. of participants |
|-------|--|--------------------------|---------------------|
| 1 | Entrepreneur Development Skill | 03/11/2022 | 34 |
| 2 | Application of POLYMATH | 21/09/2022 to 25/09/2022 | 73 |
| 3 | Webinar on "E - Resources: A Gateway to Research". | 10/11/2022 | 38 |
| 4 | Parent Meet | 06/05/2023 | 23 |
| 5 | Poster Presentation Competition | 16/05/2023 | 121 |
| 6 | Industrial Trip at "Maharashtra State Load Dispatch Center" | 10/05/2023 | 54 |
| 7 | Industrial Trip at "Hydro Power Plant Ghatghar" | 12/11/2022 | 23 |
| 8 | Guest Lecture on "Microcontroller Devices used in electric vehicles" | 08/05/2023 | 48 |
| 9 | Motivational Talk | 28/07/2023 | 52 |
| 10 | Industrial Visit at "Gayatri Engineers" | 25/07/2022 | 77 |
| 11 | Visit to "Metro Substation Pimpri" | 25/08/2022 | 35 |
| 12 | Visit to "Solar Panel" | 01/09/2022 | 36 |
| 13 | Workshop on "Fabrication of single phase AC Voltage controller" | 30/08/2022 | 77 |
| 14 | Expert Lecture on "Transformer Maintenance" | 22/09/2023 | 65 |
| 15 | Guest Lecture on "Career Opportunities in Energy Audit" | 21/09/2022 | 55 |
| 16 | Industrial Vist at "Wipro-Pari Shirwal" | 01/10/2022 | 84 |
| 17 | Expert lecture on "Embedded System and Applications" | 14/10/2022 | 77 |



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|----|--|-------------------------|-----|
| 18 | Expert lecture on "Multilevel Inverter" | 17/10/2022 | 50 |
| 19 | Expert Lecture on "Stress Management" | 28/11/2022 | 60 |
| 20 | Expert Lecture on "Digital Memories and logic families" | 10/12/2022 | 55 |
| 21 | Industrail Visit at "Prayag Electricals Pvt Ltd,Pirangut,Mulashi" | 09/12/2022 | 65 |
| 22 | Industrial Vist at "Bhatgar Hydroelectric Power Station" | 10/12/2022 | 37 |
| 23 | Social Activity on "Tree Plantation at Kalyan Village under NSS Residiantial Camp" | 13/02/2023 | 25 |
| 24 | Expert lecture on "Preparation for Higher Studies" | 18/02/2023 | 50 |
| 25 | Industrial visit at "MahaMetro Garware Station" | 22/02/2023 | 47 |
| 26 | Extension activity on "Philosophy of Karma and Understanding of Self" | 17/03/2023 | 45 |
| 27 | Extension activity on "Professional Ethics" | 20/03/2023 | 54 |
| 28 | Expert Lecture on "Professional Ethics" | 19/02/2023 | 55 |
| 29 | Expert Lecture on "Higher Studies" | 21/03/2023 | 55 |
| 30 | Extension activity on "Higher Studies Abroad" | 21/03/2023 | 100 |
| 31 | Industrial Visit at "ITI Boribhadak," Pune | 22/03/2023 | 40 |
| 32 | Indutrial Visit at "Ghorpadi Diesel Loco shed, Pune" | 12/04/2023 | 49 |
| 33 | Workshop on "Matlab" | 24/4/2023 to 26/04/2023 | 70 |
| 34 | Expert Lecture on" Maharashtra Power Sector Scenorio" | 24/04/2023 | 51 |
| 35 | Expert Lecture on "Electrical Vehicle Policy and job opportunities" | 18/04/2023 | 77 |
| 36 | Expert Lecture on "Python Programming for Descarte rule pf Signs" | 06/05/2023 | 41 |



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|----|---|-----------------------------|-----|
| 37 | Expert Lecture on "Electrical Vehicle" | 18/05/2023 | 78 |
| 38 | Workshop on " PLC and SCADA" | 11/11/2022 to 12/11/2022 | 31 |
| 39 | Extension activity on "Philosophy of Karma and Understanding of Self " | 17/03/2023 | 45 |
| 40 | Workshop on "Fabrication of Buck converters in association with Institute of Engineer, India" | 30/08/2022 | 60 |
| 41 | Poster Presentation Competition | 16/05/2023 | 121 |
| 42 | Industrial visit at "SLDC kalawa, Navi Mumbai" | 10/05/2023 | 54 |
| 43 | IWWA Annual Convention (Poster Presentation) | 22/01/2023 | 5 |
| 44 | Mr. S D Mande Memorial Lecture Series & The Expert Talk "Water and Urbanization" | 12/12/2022 | 58 |
| 45 | Engineer's Day Celebration 2022 and Expert Talk on "Structural Geology for Civil Engineers" | 15/09/2022 | 65 |
| 46 | Quiz competition on "Geotechnical Engineering" | 30/04/2022 | 50 |
| 47 | Expert talk on "Identifying Intellectual Property Right component at the early stage of Innovation" | 09/03/2022 | 75 |
| 48 | Celebration of Innovation week , Expert talk on "Application of RS & GIS in the field of Environmental Engineering" | 17/02/2023 | 46 |
| 49 | Guest Lecture on "Life and times of Civil Engineers" | 30/01/2023 | 72 |
| 50 | Expert Lecture on "Solar Energy and Sustainable Goals" | 20/09/2023 | 124 |
| 51 | Motivational talk | 19/09/2022 | 98 |
| 52 | Quiz on "Structural Analysis" | 07/09/2022 | 54 |
| 53 | Celebration of Teachers Day | 05/09/2022 | 120 |
| 54 | Expert Lecture on "Advances in databases" | 07/11/2022 | 57 |




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|----|---|--------------------------|-----|
| 55 | Industry Visit at "Science park" | 18/11/2022 | 110 |
| 56 | Expert Talk on "Digital electronics and logic design" | 06/12/2023 | 57 |
| 57 | Expert Talk on "Introduction to c++-II" | 06/05/2023 | 28 |
| 58 | Expert Talk on "Introduction to c++" | 03/05/2023 | 51 |
| 59 | AI Workshop | 12/01/2023 | 40 |
| 60 | Virtual quiz on the occasion of Indian Army Day | 15/01/2022 | 86 |
| 61 | Webinar on "Mentorship & Interactive session on how to excel in Hackathons" | 26/12/2022 | 50 |
| 62 | Debate Competition | 10/03/2023 | 18 |
| 63 | Social Visit to "Sindhu Vidhyabhavan" | 29/03/2023 | 33 |
| 64 | Social Visit to "Bal Kalyan Sanstha " | 29/07/2022 | 80 |
| 65 | Slogan Competition on the occasion of Azadi ka Amrit Mahotsav | 15/08/2023 | 50 |
| 66 | Webinar on "Benefits of IEEE Membership" | 08/09/2022 | 100 |
| 67 | IEEE Membership Drive A.Y. 22-23 (Phase-1) | 01/09/2022 to 30/09/2022 | 20 |
| 68 | IEEE Day 2022 Celebration | 17/10/2022 | 50 |
| 69 | Industrial Visit at "Dankel Tech Pvt. Ltd. Pune" | 07/11/2022 | 80 |
| 70 | Session on "Preparation for Placements" | 14/03/2023 | 50 |
| 71 | Session on "Career Guidance in Management" | 17/04/2023 | 50 |
| 72 | Session on "Planning A Startup" | 18/04/2023 | 70 |
| 73 | Session on "How to prepare for CAT" | 24/04/2023 | 85 |



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| | | | |
|----|--|-----------------------------|----|
| 74 | Session on "How to prepare for GATE" | 26/04/2023 | 80 |
| 75 | Workshop on "Python for Data Science" | 08/03/2023 to 24/03/2023 | 35 |
| 76 | Seminar on "Corporate Ready" | 19/04/2023 | 39 |
| 77 | Guest Lecture on "Intellectual Property" | 29/07/2023 | 35 |



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Samples of Activities Conducted



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DEPARTMENT OF PRODUCTION ENGINEERING

Report

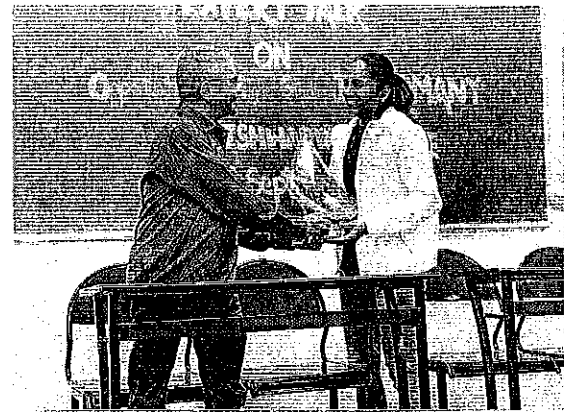
Expert Lecture on

Opportunities For Higher Studies In Germany

Date:21/09/22

1. Objectives of program:

The Department of Production Engineering, AISSMS COE organized an Expert talk on 'Opportunities for higher education in Germany after an Undergraduate Degree'. It was held on September 21, 2022, at 3:00. **Aishwarya Bhosale** an overseas student who was an ex-student of the Production Engineering department 2021 Pass out, was the resource person who guided the students about prospects after graduation. It was attended by a large number of students and faculty members. The session was conducted taking into consideration the feedback from the students regarding the issues they want to discuss in their mentoring sessions.



The event began with a welcome note by the, followed by an enlightening session by the speaker. Ms. Aishwarya Bhosale talked about various options that students have after their degree discussing each programme specifically. She first provided an overview of the choices available to students of different streams within India and then moved on to specific details of education abroad, specifically

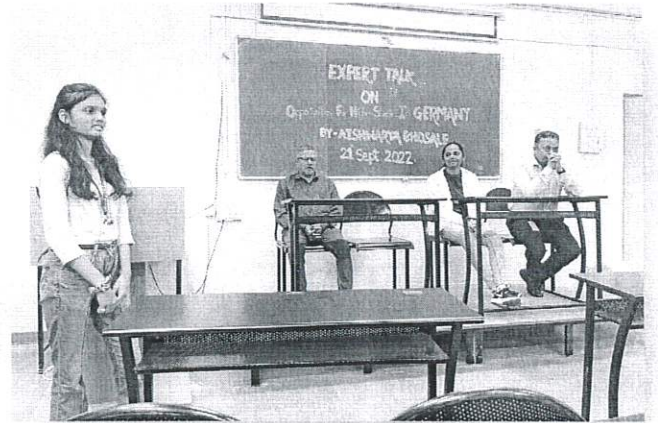
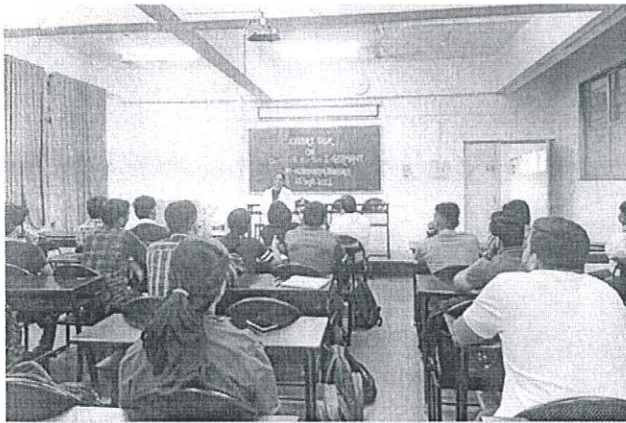


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in Germany. She discussed the reasons why overseas education should be considered by students and some popular destinations where they can apply. She also talked about the standard test requirements and scholarships that can be availed for the same. The event ended with an interactive Q&A session in which Ms. Bhosale took pains to address every query posed by the students. The programme was brought to a close with a vote of thanks by Kartiki Chaware.

2. Participants benefit or returns or output:

The guest lecture was conducted by Ms. Aishwarya Bhosale who is an Alumina of AISSMS COE Production Engineering (Sandwich) Department. She is pursuing her Masters in Germany. She shared her experiences and how students have different opportunities waiting ahead of them. Students were informed about how to choose a path for them and becoming worth in every field. Speaker guided students about the process to apply for Universities in Germany for their higher education. The alumni also explained on the benefits of choosing higher education abroad and making the most out of the available time. Speaker helped the students by answering all the questions asked by the students in the Q&A Session and briefed on creating a good opportunity.



Kartiki Chaware

Student Coordinator

Dr N G Shekapure

HOD

**Head of Department
Production Engineering
AISSMS COE, PUNE I**




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Report on

Webinar on "E - Resources : A Gateway to Research"

(10th November, 2022)



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Webinar

Title : E - Resources : "A Gateway to Research"
Invited speakers : Dr. Nikita Wanjari, Relationship Manager,
Science Communicator Academic & Corporate,
Balani Infotech Pvt. Ltd.

Mr. Karan Dobhal, General Manager,
Balani Infotech Pvt. Ltd.

Date : 10th November, 2022
Time : 11:30 am to 12:30 pm
Portal : Zoom
Student Coordinators : Mr. Sankalp Gaikwad (T.E Chemical Engineering)

Faculty facilitating the event : Dr. Kirti Datir

Department of Chemical Engineering, AISSMS College of Engineering, Pune-01 organized a webinar on the topic **E - Resources : "A Gateway to Research"** on 10th November, 2022. **Dr. Nikita Wanjari, Relationship Manager, Balani Infotech Pvt. Ltd** was the invited speaker for the webinar. This event was managed by student Coordinators Mr. Sankalp Gaikwad under the supervision of Dr. Kirti Datir, a faculty from Department of Chemical Engineering. The session started at 11:30 am, which lasted for more than an hour. Around 40 participants comprising of faculty members as well as students attended this on Zoom.

The session commenced with the introduction of the speaker **Dr. Nikita Wanjari**. Then, Dr. Nikita Wanjari started with her presentation in which she gave an overview of the **E - Resources : "A Gateway to Research"** and also gave a detailed overview of the Publications and steps utilized for a informative research. She talked about publicizing a research and how is an author's research paper published. Further she gave the gave descriptions about the web tools to master English skills and web resources that provide information for a research paper.




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Press [F11] to exit full screen

Title, Abstract and Keywords

- Problem and solution
- Short paragraph

Introduction

- Background of a problem
- Necessity to solve a problem
- Problem definition
- Contribution of work

Methods and Results

- Detailed problem
- Methodology used
- Solution and Experiments details
- Validation of solution and results

Figures and Tables

- Good Graphics

Discussion and Conclusion

- Discussion of result to show the novelty

Acknowledgement and References

- List the references/ proper citations to avoid plagiarism

The anatomy of a Research Note

"If you can't explain it simply, you don't understand it well enough." — Albert Einstein

Audio Settings | USA | Out | Full Screen | Enter Full | Refresh | Settings | Close

Press [F11] to exit full screen

Figure 2: Trends in Retraction

| Year | False/Disputed Finding | Error | Plagiarism | Duplicate Publication |
|-----------|------------------------|-------|------------|-----------------------|
| 1967-1970 | ~50 | ~20 | ~10 | ~10 |
| 1971-1980 | ~100 | ~50 | ~30 | ~30 |
| 1981-1990 | ~200 | ~100 | ~60 | ~60 |
| 1991-2000 | ~400 | ~200 | ~120 | ~120 |
| 2001-2010 | ~800 | ~400 | ~240 | ~240 |
| 2011-2021 | ~1400 | ~700 | ~420 | ~420 |

Example paper

10.1038/nature08431

Introduction of full papers in 2008... (text about journal policies and retraction procedures)

10.1038/nature08431 | <https://doi.org/10.1038/nature08431>

<https://www.nature.com/articles/10.1038/nature08431>

<https://webofscience.academy/clarivate.com/learn/course/147/play/724130/an-introduction-to-ethical-publishing-behavior>

Audio Settings | USA | Out | Show Expertise | Show Help | Refresh | Settings | Close



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This informative session was accompanied by the doubt clearing session in which students actively participated to gain the knowledge for making research papers. The webinar ended with a vote of thanks by Mr. Sankalp Gaikwad to Dr. Nikita Wanjari . Special thanks were given to all the participants for attending this knowledge sharing event.





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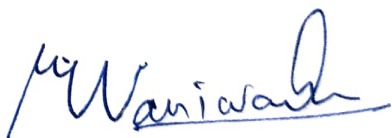
Acknowledgement

Organizing committee sincerely thanks the invited speaker for sparing his valuable time. We thank Dr. Kirti Datir, Assistant Professor, Department of Chemical Engineering for facilitating this webinar and liaising with the speaker. We sincerely thank Dr. M.Y. Naniwadekar, Head of Department of Chemical Engineering for his unceasing support and guidance. We deeply acknowledge encouragement by our Hon. Principal, Dr. D. S. Bormane for organizing this event. We further thank Hon. Secretary and Management of AISSMS Society for the constant support in organizing such activities. Lastly, organizers profoundly thank the participants for their patient hearing during the session.


Sankalp Gaikwad
T.E Chemical
Engineering
Event
Coordinator


Dr. Kirti Datir
Faculty
Coordinator


**Prof. K. N
Bawankar**
IICHE Student's
Chapter Advisor
Department of
Chemical
Engineering


Dr. M. Y. Naniwadekar
HOD Chemical
Engineering
Deptt. of Chemical Engg
AISSMS, COE, Pune-1




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