## IMS ENGINEERING COLLEGE, GHAZIABAD

NAAC Accredited G NBA Accredited Programme Approved by AICTE, New Delhi \& Affiliated to AKTU, Lucknow Under the aegis of IMS Society, Ghaziabad

## February 2023 <br> Volume-2, Issue-2



IMSEC appreciates and encourages the awareness for Hindi language. We through various "Theme Campaigns", have been successful in propagating the importance of it's usage across our vicinity on $10^{\text {th }}$ of January.
Our "Theme Campaign" was "Corruption" as it erodes and engulfs all objectives of humane survival and vandalizes the true essence of education. IMSEC is vigilant and thus has contributed in executing the awareness campaigns to the society through Hindi Language so that corruption may not affect health, education, iustice, democracy, prosperity and development.

## Fighlights of the Manth



IMS Engineering College signed Memorandum
of Understanding (MoU) with Net Camp
Solutions Pvt. Ltd. on 31 ${ }^{\text {st }}$ January 2023.

## Congratulations! <br> Memorandum of Understanding (MOU)

IMS Engineering College, Ghaziabad and
Netcamp Solutions Private Limited
$31^{\text {th }}$ January 2023



Media Coverage of Patents published by B.Tech. First Year Students
 signed between
IMS Engineering College, Ghaziabad and
Edunet Foundation, Gurugram
$24^{\text {II }}$ January 2023




IMS Engineering College signedMemorandum of Understanding(MoU) withEdunetFoundation, Gurgaon on $24^{\text {th }}$ January 2023.

## Expert Talks by Guast Spakers



Department of Computer Science \& Engineering organized an Expert Talk on "Network Security with AndroidApp Development" by Mr. Santu Purkait, Director, Netcamp Solutions Pvt. Ltd. on 31.01.2023.


## 

## Internal Quality Assurance Cell (IQAC) <br> is organizing <br> Expert Talk on Achieving Prohlem-Solution Fit \& Product-Market Fit



Department of Computer Science \& Engineering organized an Expert Talk on "NBA Criterions and Preparation of SAR" by Dr. Kakoli Banerjee, Associate Professor, JSS Academy of Technical Kakoli Banerjee, Associate Professor, JSSAcademy of Technical
Education, Noida on 13.01.2023. The session was attended by around 80-100 faculty members from different departments.

| $24^{\text {th }} \operatorname{Jan} 2023 \text { (Tuesday) }$ | 02:00 PM onwards | Seminar Hall, Block-A |
| :---: | :---: | :---: |
| Admission Enquiry: +81-982/13965Noll <br> Toll Frea: 180 | Nagar, Dist: Ehaziebad, It \|Landline Number: 밀-48 3|Email |D: enquiry Eimser | 201015 <br> atsap Number: + $81-$-982139B588 <br> imseb.ac.in |

Internal Quality Assurance Cell (IQAC) organized an Expert Talk on "Achieving Problem-Solution Fit \& Product-Market Fit" by Ms. Sakshi Jha, an Artist \& Sculptor who have her signature art studio with a vision to transcend with existing realm of home decor around the world.



Department of Applied Science \& Humanities \& Institution's Innovation Council jointly organized an Expert Talk on "Commercialization of Lab Technologies \& Tech-Transfer" by Dr. S.S. Singh, Retd. Joint Controller of Patents and Designs, Patent Office, Delhi on 12.01.2023.All B.Tech First Year students attended the Talk.

## Workshop Irganized

Institution's Innovation Council and
Department of MBA\&MCAjointly
organized a Workshop on
"Entrepreneurship Skill, Attitude \&
Behavioral Development" on 09.01.2023.
The Guest Speaker was Mr. Nitin Bhardwaj, Mindset and Leadership Coach, Certified Emotional Intelligence Coach, NLP Master Practitioners and Facilitators.


Department of Applied Science \& Humanities \& Institution's Innovation Council jointly organized an Expert Talk on "Process of Innovation Development \& Technology Readiness Level(TRL)" by Dr. S.S. Singh, Retd. Joint Controller of Patents and Designs, Patent Office, Delhi on 11.01.2023.All B. Tech First Year students attended the Talk


## FDPs Drganized

Department of Biotechnology and Department of Computer Science jointly organized a five-days Faculty Development Programme on "Research Methodology and Publication Ethics" on 30.012023 03.02.2023. Around 250 participants attended the FDP.

45 Engineering





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RESEARCH MEHOOOLOGY AND PUBLICATION EIHICS
 Department of Biotechnology Department of Computer Science


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Academicians / PG Students Research Scholars About the Institurch Scholars


## About FDP,


 Website: Website:
www.imsec.ac.in

> Shri Narest Agarval Sn'blet Chaiman, IMS Society

Visionary Mentor


Five Days Online


## Industrial Visits

- Department of MCA organized an industrial visittoMomagic Technologies, Noida on 10.01.2023 for MCAFirst Year Students.
- Department of Applied Sciences Humanities organized an industrial visit to Bharat Electronics Limited (BEL), Ghaziabad on 20.01.2023 for B.Tech First Year Students (ECE Branch). 41 students and 3 faculty members participated in the visit.
* Department of Applied Sciences \& Humanities organized an industrial visit to Yakult Danone India Pvt. Ltd., Sonipat, Haryana on 24.01.2023 for B.Tech First Year Students (Biotechnology Branch). 43 students and 3 faculty members participated in the visit.
- Department of Electronics \& Communication Engineering organized an industrial visit to Bharat Electronics Limited (BEL), Ghaziabad on 20.01.2013 for B.Tech Second Year students.


## Value Added Programs

| S.No. | Name of Value Added Course | Date | Students Enrolled | Organized by |
| :---: | :--- | :--- | :--- | :--- |
| 1 | Blockchain Technology: Concept, <br> Analysis \& Applications (32 hours) | 12.12 .2022 -Februrary 2023 | $120\left(\right.$ MBA \& MCA $-1^{\text {st }}$ <br> Year) | IT Dept. |
| 2 | Urbanity Soft-Skill Training | Every Working Saturday | MBA $-1^{\text {st }} \& 2^{\text {nd }}$ Year | MBA Dept. |

## Departmental Activitias



Department of MBA organized a Lecture on
"Design Thinking Process" by Dr. Nitin Mohan, Assistant Professor, MBA on 04.01.2023.

DepartmentofMBAorganizedaMotivational Session on "Importance of Life Skills and Creating Harmony" by Ms. Bhawana Chaudhary, Sub Inspector,BSF on 07.01.2023.

Department of MBA organized a Workshop on "Innovation Design" by Innovation Ambassador, Dr. Jyoti Guglani, Assistant Professor, ECE on 11.01.2023.

DepartmentofMBAorganized Extempore on Birth Anniversary of the Spiritual Guru, Swami Vivekanand on 12.01.2023.

- MBA department organized a Workshop on "Entrepreneurship Skills, Attitude and Behavioral development" on 09.01.2023
* Mr. Vaibhav Mishra, an expert in Application Engineering and

Semiconductor Business Development, enlightened students of B.Tech I ${ }^{\text {st }}$ year by giving an insight of his expertise. This has been initiated by the Department ofApplied Science \& Humanities to commemorate the National Youth Day on 12.01.2023 to motivate students towards entrepreneurship development

* Department of Computer Science and Engineering organized a "Project Exhibition" on 19.01.2023 for final year students. The Project Exhibition was conducted by Dr. Nitin Sharma \& Mr. Vivek Jain, CSE Dept. In this event, 56 projects were exhibited for competition.


Department of Computer Science and Engineering conducted an online PTM for 2nd, 3rd, and 4th year CSE students on 11.01.2023.


The Department of Computer Science and Engineering organized an Essay Writing Competition on 14.01.2023 to celebrate National Girl's Child Day. The students of CSE - 2nd year participated enthusiastically and got to learn about the significance of the day.
00. Knack Club of Computer Science Department @Code ßuild in Association with Coding Blocks


The Knack Club of Computer Science Department organized "Code Build Competition" in association with Coding Blocks on 31.01.2023.89 students from CS and CSD department participated in the competition.


Department of Information Technology organized a Project Competition on 24.01.2023 for $4^{\text {th }}$ Year students. Total 23 project groups ( 91 students) participated in this event. The faculty coordinator of this event was Mr. Updesh Kumar Jaiswal, Assistant Professor, IT Department.

## Patents Publishad

| S.No | Title of Invention | Name of Inventor(s) | Published on |
| :---: | :--- | :--- | :--- |
| 01 | loT ENABLED THERAPEUTIC MACHINE | Dr. Amit Sharma (IT) | 25.01 .2023 |
| 02 | ROOM COOLER FOR ENHANCE THE COOLING SYSTEM | Dr. Ravi Shankar Raman (ME) | 02.01 .2023 |
| 03 | AN ELECTRICITY GENERATION USING SPEED <br> BREAKER EMBEDDED WITH AI CHIPSET TO <br> RECOGNIZE EMERGENCY VEHICLE | Dr. Sanjeev Sharma (AS\&H) <br> Dr. Suraj Chaudhary (ME) | 13.01 .2023 |
| 04 | A GREEN TRAFFIC LIGHT OPTIMISED SPEED SYSTEM <br> AND METHOD THEREOF | Dr. Sanjeev Sharma (AS\&H) <br> Mr. Amit Katoch (CSE) | 13.01 .2023 |
| 05 | A SYSTEM AND METHOD FOR ANIMAL FOOD SAFETY <br> AND MENTAL STATE DETECTION | Mr. Mohit Mittal (CSE) <br> Dr. Vivek Kumar (BT) | 13.01 .2023 |
| 06 | A MACHINE VISION BASED PERSON DETECTION <br> SYSTEM UNDER DIFFERENT ILLUMINANCE <br> CONDITIONS | Dr. Nitin Sharma (CSE) <br> Mr. Basudeo Singh Roohani <br> (CSE) | 13.01 .2023 |

## Research Paper Published

- Sharma Sanjeev, Srinivasa M.P., Singh Vivek (2023). "Design and Analysis of suspended Core Photonic Crystal Fibre formed by Semicircular Air Holes near the Core". International Journal of Microwave and Optical Technology, Vol. 18, No. 1 (Paper published by Dr. Sanjeev Sharma, AS\&H)
" Ghosh S., Khosla U., Panwar V., Chaudhary V., Sharma V. (2023). "Stock Optimization and Cumulative Hypothesis". International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal), Volume:04/Issue:12/December-2022 Impact Factor- 6.752, DOI: https://www.doi.org/10.56726/IRJMETS32402 (Paper published by Dr. Subhajit Ghosh, CSE)
* Singh H., Armaan M., Srivastava J., Rizwan M., Ghosh S. (2023). "Brain Tumor Detection in Image Processing". International Journal for Research in Applied Science \& Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue I Jan 2023-Available at www.ijraset.com (Paper published by Dr. Subhajit Ghosh, CSE)


## Farulity Achievements

" Dr. Sonia Juneja, CS Dept. delivered an Expert Talk on the topic "Research Database and Metrics" during 5 Days FDP on "Research Methodologies and Publication Ethics" conducted by IMSEC on 30.01.2023-03.02.2023.

- Ms. Dhanshri Parihar, CS Dept. completed Microsoft Philanthropy training on "Cyber Security" during 03.01.2023-12.01.2023.
- Mr. Awdhesh Kumar, CS Dept., completed 30 days online course on Machine Learning from Pantech Prolabs India Pvt. Ltd.
" Dr. S.N. Rajan, ITDept. completed course on "DisasterManagement forecasting and Mitigation with Embedded Systems" from National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Engineering College Bikaner during 09.01.2023-11.01.2023.
* Dr. Pramod Singh, ECE Dept. delivered a Lecture in training program on "Emerging Trends in Communication Antennas" organized by Defense Electronics Applications Laboratory Dehradun on 16.01.2023-18.01.2023.
* Dr.Ajay Kumar, ECE reviewed 2 research papers of SCI indexed journal i.e., international journal of Microwave of Wireless Technology
" Dr. Ravi Shankar Raman, ME Dept. delivered an Expert Lecture on "Six Sigma and its Applications", organized by Bhagwati Institute of Technology \& Science, Ghaziabad on 08.01.2023.
- Workshops attended by Faculty Members:

| S.No | Name of Faculty Member | Dept. | Name of Workshop | Date |
| :---: | :--- | :--- | :--- | :--- |
| 1 | Mr. Ram Krishna Singh | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 2 | Ms. Neha Chaudhary | CS | Why you should know about SNIP \& SJR | 03.01 .2023 |
| 3 | Ms. Neha Chaudhary | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 4 | Ms. Dhanshri Parihar | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 5 | Mr. Amit | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 6 | Ms. Harsiddhi Singhdev | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 7 | Ms. Bhanu Verma | CS | Why you should know about SNIP \& SJR | 03.01 .2023 |
| 8 | Ms. Bhanu Verma | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |
| 9 | Mr. Awdhesh Kumar | CS | Research Essentials: Fundamentals of writing <br> research articles for high impact journals | 24.01 .2023 |

*Faculty Development Programs attended by Faculty Members:

| S.No | Name of Faculty Member | Dept. | Name of Faculty Development Program | Organized by | Date |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 01 | Ms. Dhanshri Parihar | CS | Research Methodology and Publication Ethics | IMSEC | $\begin{aligned} & 30.01 .2023- \\ & 03.02 .2023 \end{aligned}$ |
| 02 | Mr. Amit | CS | Research Methodology and Publication Ethics | IMSEC | $\begin{aligned} & 30.01 .2023- \\ & 03.02 .2023 \end{aligned}$ |
| 03 | Ms. Harsiddhi Singhdev | CS | Research Methodology and Publication Ethics | IMSEC | $\begin{aligned} & 30.01 .2023- \\ & 03.02 .2023 \end{aligned}$ |
| 04 | Ms. Bhanu Verma | CS | Research Methodology and Publication Ethics | IMSEC | $\begin{aligned} & 30.01 .2023- \\ & 03.02 .2023 \end{aligned}$ |
| 05 | Mr. Awdhesh Kumar | CS | Research Methodology and Publication Ethics | IMSEC | $\begin{aligned} & 30.01 .2023- \\ & 03.02 .2023 \end{aligned}$ |
| 06 | Ms. Prabhjot Kaur | IT | Microsoft Power BI Data Analyst Associate | Dr. K.N. Modi Institute of Engineering \& Technology | $\begin{aligned} & 09.01 .2023- \\ & 13.01 .2023 \end{aligned}$ |
| 07 | Dr. Ajay Kumar | ECE | Integration of WSN \& loT for Agriculture | AICTE Training and Learning (ATAL) <br> Academy | $\begin{aligned} & \text { 02.01.2023 - } \\ & \text { 13.01.2023 } \end{aligned}$ |

## Students' Achievements

* Research Paper Published by Students of CSE Department
a) GhoshS., Khosla U.,Panwar V., Chaudhary V., SharmaV.(2023). "Stock Optimization and Cumulative Hypothesis". International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal), Volume:04/Issue:12/December-2022 Impact Factor- 6.752, DOI: https://www.doi.org/ 10.56726/IRJMETS32402
b) Singh H., Armaan M., Srivastava J., Rizwan M., Ghosh S. (2023). "Brain Tumor Detection in Image Processing". International Journal for Research in Applied Science \& Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue I Jan 2023-Available at www.ijraset.com
- Students' achievement of CS Department:

| Name of Student | Year | Section | Title of Course /Sports/Cultural Activities |
| :--- | :--- | :--- | :--- |
| Mr. Utkarsh Shrivastav | $4^{\text {th }}$ | CS1 | Completed the certification course in Hackos (750) |
| Ms. Anshika Tomar | $3^{\text {rd }}$ | CS1 | Completed the course in SQL Intermediate |
| Ms. Ayushi Singh | $2^{\text {nd }}$ | CS1 | Participated in portrait competition of Netaji Subhas Chandra Bose <br> conducted by mygov.in on republic day |
| Ms. Kanika | $2^{\text {nd }}$ | CSD | Participated in Prelims 1 of Wipro earthian Sustainability Quiz, 8 <br> edition |
| Mr. Krishna Kant Dwivedi | $2^{\text {nd }}$ | CS1 | 1. Engineering virtual experience program by Goldman Sachs. <br> 2. Coding Ninja Entrepreneur Internship |

* Mr. Raghav Gupta, student of IT $2^{\text {nd }}$ Year has successfully completed a course on JavaScript for Beginners
* Mr.Priyanshu Sharma, student ofIT3 ${ }^{\text {rd }}$ Yearhas successfully completed a course on "BuildResponsive Real-WorldWebsites withHTMLCSS"
* Mr. Tushar Singla, student of IT 2 ${ }^{\text {nd }}$ Year has successfully completed a course on "HTML5-Basic To Advanced Level"
- Mr. Sankalp, student of ECE2 ${ }^{\text {nd }}$ year has successfully completed one month internship in "Fundamental of Machine Learning with Python for Business \& Data Analytics" at YBI Foundation from 26.12.2022 to 25.01.2023.


## Dther Significent Artivitias



* The Internal Quality Assurance Cell (IQAC) organized one day Staff Development Program on "Basic Human Aspirations and Their Fulfillment \& Resolution of Concerns" by Dr. Navin Sharma, AS\&H Dept., on 21.01.2023.

- The Coding Club of MCAdepartment organized a one day Technical Quiz competition on C language on 06.01.2023.50 students actively participated and secured positions.
* Cultural Committee organized cultural programs \& plantation drive on the occasion of $74^{\text {th }}$ Republic day on $26^{\text {th }}$ January, 2023 under the bannerAzadi KaAmrit Mahotsav.



## उमीदों की उड़न लेनासीखा

ये छोटी सी जान न जाने दुनिया ना जाने लोग, उम्मीदों की उड़ान लेने, आई इस लोक, खुद को जाना, सबको समझा, एक उम्मीद लिए की सब रहेंगे साथ, आगे बढ़ना सीखा, उम्मीदों की उड़ान लेना सीखा।

सीखा सारे ज्ञान, गिरके उठना, उठके गिरना सबकुछ जाना सबको साथ लिए चलना सीखा, उम्मीदों की उड़ान लेना सीखा।

कदम डगमगाए तो माँ-बाबा ने हाथ पकड़ा, उम्मीदों की उड़ान लेना सिखाया, उम्मीदों की उड़ान लेना सीखा।

कदम बड़ाया, आगे बड़ी, देखा सारा संसार, आगे दुनिया पीछे मै, हाथ छूटा साथ छूटा, रह गए संस्कार, आगे बढ़ना सीखा, उम्मीदों की उड़ान लेना सीखा।


## Poem by:Suhani Gupta (BT $3^{\text {rd }}$ year )

## Editor-in-Chief <br> Dr. Milan Chakraborty (AS\&H)

Poems by:-
Dr. Arvind Sharma (Faculty, IMSEC)


## प्रकृति

प्रकृति में होता है एक अनूठा अनुबंध। जैसे आत्मा और परमात्मा का संबंध। प्रकृति जितना लेती है देती है कई गुना। भले ही हम लोग कर देते हैं उसे अनसुना। इसका हर ताना बाना गया है इस तरह बुना। दिखा हर किसी को ऐसा जैसा उसने चुना। होकर क्रूर मानव ही फैलाता है दुर्गध। प्रकृति में होता है एक अनूठा अनुबंध। ये परमात्मा का ही होती है एक रूप। वरदान सिद्ध होती है मानव के अनुरूप। कभी देती छांव कभी दिखाती है धूप। मानव की क्रूरता ने ही किया इसे कुरूप। उजाड़ कर प्रकृति ढूंहता है संबंध। प्रकृति में होता है एक अनूठा अनुबंध। अगर हम प्रकृति से संबंध बना ले सच्चा। तो खुश होगा आगामी पीढ़ी का हर बच्चा। प्रकृति को बचाकर हम सहेज पाएंगे धरोहर, कहलाएंगे परिपक्व न ज्ञान रहेगा कच्चा। बनी रहेगी सही समझ न होगा प्रतिबंध। प्रकृति में होता है एक अनूठा अनुबंध।

