# MANDATORY DISCLOSURE

Norms: As per AICTE, New Delhi, and Approval Process Handbook 2023-2024

Update as on **April 2023**

| | |
|---|---|
| AICTE permanent application ID | 1-4351941 |
| AICTE current application ID | 1-38693570211 |

| | | |
|---|---|---|
| (1) | **Name of the Institution** | ISBM College of Engineering |
| | **Address** | Sr.No 44/1,44/1/2,Nande,Pune |
| | **City with Pin code** | Pune – 412115 |
| | **State / UT** | Maharashtra |
| | **Nationality** | India |
| | **Type of Institution** | Private – Self Financed |
| | **Category (01) of the Institution** | minority |
| | **Category (02) of the Institution** | Co-education |
| | **Academic hours at the Institution** | 09.30 hrs to 16.30 hrs (First Shift) |
| | **Office hours at the Institution** | 9.00 hrs to 18.00 hrs |
| | **FAX number with STD code** | 91-020-26 |
| | **Telephone** | Direct : 91-020-2 |
| | **E-mail** | Principal.sot@isbm.ac.in |
| | **Website** | www.isbmcoe.org |
| | **Nearest Railway Station (distance in Kilometre)** | 012 kmt |
| | **Nearest Airport (distance in Kilometre)** | 15 kmt |

| | | |
|---|---|---|
| (2) | **Name and address of the Trust / Society running the Institution** | ISBM College of Engineering |
| | **Address** | Sr.No 44/1,44/1/2,Nande,Pune |
| | **City with Pin code** | Pune – 412115 |
| | **State / UT** | Maharashtra |
| | **National** | India |
| | **Type of Trust / Society** | Society |
| | **As per Government of Maharashtra Societies Registration Act XXI of 1860 No & date** | Maharashtra / 1581/2003/Pune dated on 22/12/2003. |
| | **Office hours at the Institution** | 9.00 hrs to 18.00 hrs |
| | **FAX number with STD code** | 91-020-35012037 |
| | **Telephone** | Direct : 91-020-35012037 |
| | **E-mail** | Isbm.engg@isbm.ac.in |
| | **Website** | www.isbmcoe.org |
| | **Nearest Railway Station (distance in Kilometre)** | 012 kmt |
| | **Nearest Airport (distance in Kilometre)** | 15 kmt |

PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA

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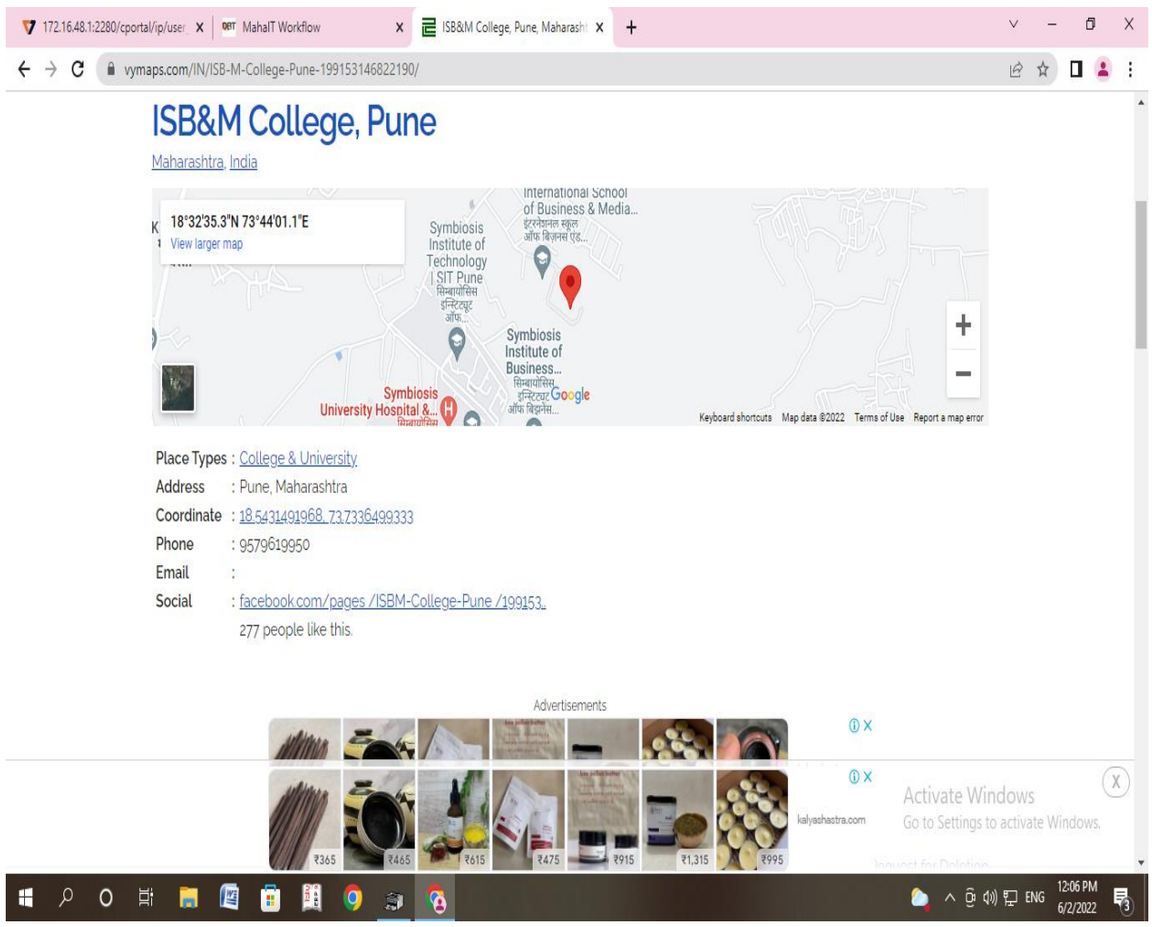
Date: 2023.05.15 14:13:26 +05'30'

Place : Pune
**Date : 25 April 2023**

(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# COLLEGE BULDING PHOTO

# COLLEGE VIEW SATELLITE MAPS




Place : Pune
**Date : 25 April 2023**

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(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# DETAILS OF TRUSTEE

| Sr No | Name and address of the Trustee | Designation | Credential |
|---|---|---|---|
| 1 | **Dr.Pramood Kumar** | President | Educationalist |
| 2 | **Dr.Saroja Asthana** | Secretary | Educationalist |
| 3 | Mr. Subramaniam Jayaraman | Trustee | Educationalist |
| 4 | Mr. Pramodh Mokashi | Trustee | Educationalist |
| 5 | Dr. Bhishmaraj | Trustee | Educationalist |
| 6 | Dr. Mukund Kale | ndustrialist/Technologist from Region as Nominee of the AICTE | Educationalist |
| 7 | Prof.(Dr.) Suhas Joshi | Educationist Nominee from the Region nominated by the State Government | Educationalist |
| | Mr. Khemkar Chandrakant | Assistant Professor | faculty |
| 8 | Dr. P. K. Srivastava | Principal | Principal |

# DETAILS OF PRINCIPAL

| | | |
|---|---|---|
| (3) | **Name of the Principal / Director** | **Dr P.K.Srivastava** |
| | **Designation** | Principal |
| | **Qualification** | BE-Electronics & telecommunication Engg , Mtech-Electronics and telecumminication Engg<br>Ph D SRTM University, Nanded |
| | **Field of specialization** | Wireless Communication |
| | **FAX number with STD code** | 91-020-26058943 |
| | **Telephone** | Direct : 91-020-26059562, 26058342,<br>EPABX : 91-20-26058587, 26051660<br>(Ext No. 1001, 1101, 09, 1103) |
| | **Mobile** | 9168895040 |
| | **E-mail** | Principal.sot@isbm.ac.in |

# DETAILS OF UNIVERSITY

| | | |
|---|---|---|
| (4) | **Name of the affiliating University** | **Savitribai Phule Pune University** |
| | **Address** | Ganeshkhind, Pune – 411007 (Maharashtra) |
| | **FAX number with STD code** | 91-020-25691233 |
| | **Telephone** | 91-020-25601257, 25601258, 25601250 |
| | **e-mail** | affiliation@pun.unipune.ac.in |
| | **Website** | www.unipune.ac.in |
| | **Latest affiliation period, Letter No & date** | 2021-2022 : CA/955, dated 23/07/2021 |

Place : Pune
**Date : 25 April 2023**

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# DETAILS OF GOVERNERS

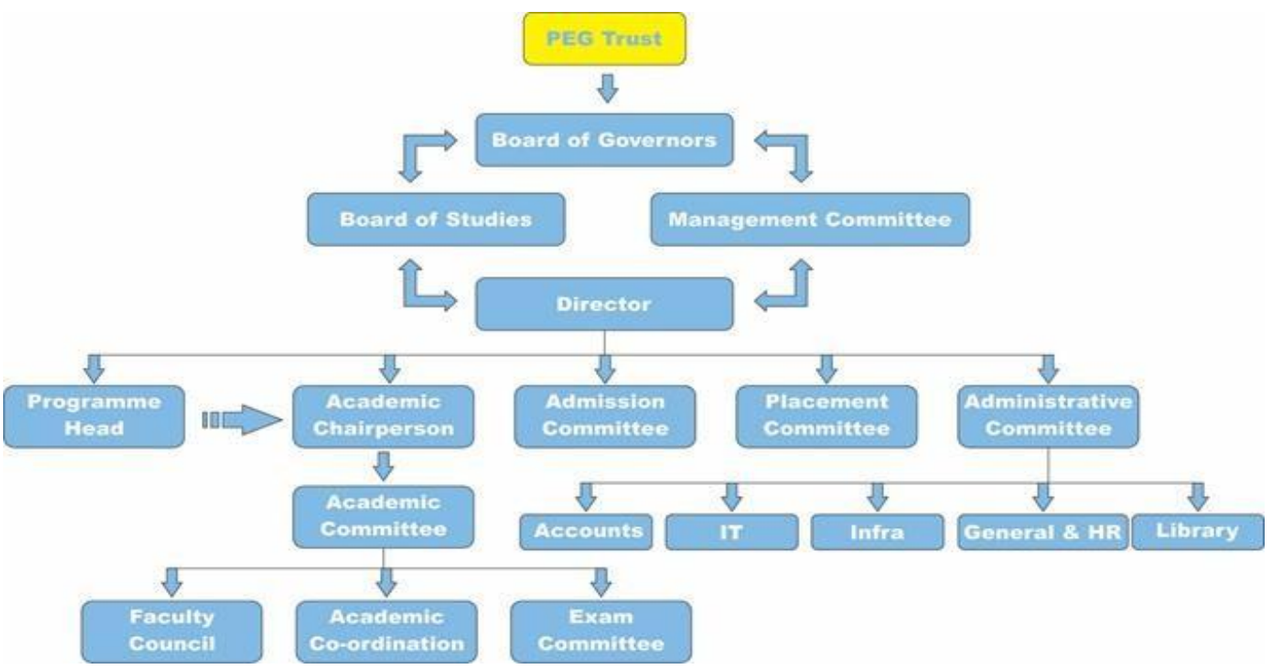
Members of the Board and their brief background

| Sr No | Name of the member | Designation |
|---|---|---|
| 1 | Dr.Pramod Kumar | President |
| 2 | Mrs.(Dr.) Saroja Asthana | Secretary |
| 3 | Mr. Subramaniam Jayaraman | Member |
| 4 | Mr. Pramodh Mokashi | Member |
| 5 | Dr. Bhishmaraj | Member |
| 6 | Dr. Mukund Kale | Member |
| 7 | Prof.(Dr.) Suhas Joshi | Member |
| 8 | Dr. P. K. Srivastava | Principal |

Frequently of the Board Meeting and Academic Advisory Body

| Sr No | Name of the Committee | Frequently of the Meeting |
|---|---|---|
| 1 | Society / Board Committee | The Meetings of the Managing Committee are held at 2 to 3 times in a year or whenever required |
| 2 | Academic Advisory Body | The Meetings of the Governing Body are held at 2 to 3 times in a year or whenever required |

# DETAILS OF ISBM COE ORGANISATION STRUCTURE




Place : Pune
**Date : 25 April 2023**

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(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# ORGANIZATIONAL PROCESSES:

The Hon. Secretary represents the Management of the Society. He is assisted by the college Governing Body, College Development Committee (CDC) and the Principal is responsible towards academic activity and Management of the college. The college is divided in 3 main areas :

i. Engineering Education Programme
ii. Management & Administration
iii. Overall Management

The Engineering Programmes are run through the department. The department activities are divided in8 sub-activities :

i. Computer Applications
ii. Departmental Library
iii. Laboratory Development
iv. Services
v. Student Related Activities and Alumni
vi. R & D
vii. P.G. Co-ordination
viii. Testing & Consultancy

The day to day management & administration of the college is divided in 4 main areas namely:

i. General Administration
ii. Finance
iii. Personnel
iv. Materials

The overall management of the college is divided in 7 main areas namely:

i. Organization & Governance
ii. Financial Resources
iii. Physical Resources
iv. Human Resources ( Faculty & Staff )
v. Human Resources (Students)
vi. Teaching & Learning
vii. Research and Development (R&D)

Place : Pune
**Date : 25 April 2023**

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# NATURE AND EXTENT OF INVOLVEMENT OF FACULTY AND STUDENTS IN ACADEMIC AFFAIRS / IMPROVEMENTS

The teaching faculty and the students of the college are deeply involved in continuous improvement of the academic standard. This involvement is a continuous process which takes place through the following forums:

1) Department-wise students‟ organizations.
2) Department-wise meetings of Guardian Faculty Member with the students (periodic)
3) Departmental Faculty meetings on weekly basis
4) Meetings of Heads of department with principal on weekly basis
5) Meetings of departmental faculty with the Principal on weekly basis.
6) Representation of faculty member in College Development Committee (CDC). The meetings of all these forums take place regularly and minutes are maintained.
7) Student's council.

# MECHANISM / NORMS AND PROCEDURE FOR DEMOCRATIC / GOOD GOVERNANCE

The Management & administration of the college is totally transparent. All issues related to the academic development, career development of teachers, development of infrastructure, training and placement of students are thoroughly discussed in the departmental meetings and meetings of Heads of the departments with the principal, before implementation at the college level.

# STUDENT FEEDBACK ON INSTITUTIONAL GOVERNANCE / FACULTY PERFORMANCE

The Students‟ feedback on the institutional aspects and faculty performance is obtained at the end of each term i.e. twice a year. The feedback is analysed at the level of heads of the department and corrective measures are taken whenever appropriate.

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# GRIEVANCE REDRESSAL MECHANISMS FOR FACULTY, STAFF AND STUDENTS

The College is affiliated to Savitribai Phule Pune University, Pune. The University already has a grievance redressal mechanism for the faculty, staff & students. However at the College level, grievance redressal committee as per AICTE norms has been formed to deal with the day to day as well as urgent problems of the faculty, staff, and students.

| Sr No | Name and address of the member | Designation | e-mail | Contact number |
|---|---|---|---|---|
| 1 | Dr. M. P. Yadav | Chairmaan | mp.yadav@isbm.ac.in | 9657323409 |
| 2 | Prof.Chandrakant Khemkar | Faculty Member | Chandrakant.khemkar@isbm.ac.in | 9049572088 |
| 3 | Prof.Renuka Saraogi | Faculty Member | Renuka.saraogi@isbm.ac.in | 8421258462 |
| 4 | Prof.Kirti Randhe | Faculty Member | Kirti.randhe@isbm.ac.in | 9823284227 |
| 5 | Mr.Santosh Ghorpade | Parent Member | Santoshghorpade74@gmail.com | 8888892572 |
| 6 | Mr.Saurabh Pabale | Student Member | Saurabh.pabale@gmail.com | 9011767841 |
| 7 | Mr.Tejas Bharane | Student Member | Tejas.bharane@gmail.com | 9226925310 |
| 8 | Mr.Kishoor Makeshwar | Non Teaching Staff | Kishor.makeshwar@isbm.ac.in | 7499519881 |

# ESTABLISHMENT OF ANTI RAGGING COMMITTEE

| Sr No | Name and address of the member | Designation | e-mail | Contact number |
|---|---|---|---|---|
| 1 | **Dr.P.K. Srivastava** | **Chairman** | Principal.sot@isbm.ac.in | 9168895040 |
| 2 | Prof. M. P. Yadav | Representative of Faculty Member | mp.yadav@isbm.ac.in | 9370913704 |
| 3 | Dr.Reshma Sonar | Representative of Faculty Member | reshma.sonar@isbm.ac.in | 9960312619 |
| 4 | Mrs.Kirti Randhe | Representative of Faculty Member | Kirti.randhe@isbm.ac.in | 9823284227 |
| 4 | Mr.Kishor Makeshwar | Representative of Non Teaching Staff | Kishor.makeshwar@isbm.ac.in | 9421089450 |
| 5 | Mr.Vasant Idhate | Representative of Parents | Vasantidhate 2017@gmail.com | 9422083341 |
| 6 | Mr.Prathmesh Mishra | Representative of Parents | Prathmesh.mishra@isbm.ac.in | 9881294721 |
| 7 | Mrs.Pooja Bachkar | Representative of Student | Pooja.bachkar@gmail.com | 9834078916 |
| 8 | Mr. Smith Gholap | Representative of Student | Smith.gholap@gmail.com | 7351967220 |
| 9 | Mr.Varun Wagh | Representative of Student | Varun.wagh@gmail.com | 8208504678 |

Place : Pune
**Date : 25 April 2023**

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# ESTABLISHMENT OF INTERNAL COMPLAINT COMMITTEE (ICC)

| Sr No | Name and address of the member | Designation | e-mail | Contact number |
|---|---|---|---|---|
| 1 | Prof.Kirti Randhe | **Chair Person** | Kirti.randhe@isbm.ac.in | 8329361377 |
| 2 | Dr. Renuka Saraogi | Member | Renuka.saraogi@isbm.ac.in | 8421258462 |
| 3 | Dr. M. P. Yadav | Member | mp.yadav@isbm.ac.in | 9370913704 |
| 4 | Mr.Somnath Ahiwale | Member | Somnath.ahiwale@isbm.ac.in | 9122990988 |
| 5 | Mr.Kishor Makeshwar | Member | Kishor.makeshwar@isbm.ac.in | 7499519881 |
| 6 | Tejas Bharane | Student | Tejas.bharane@isbm.ac.in | 8087459926 |
| 7 | Aruna Sorate | Student | Aruna.sorate@isbm.ac.in | 8830266425 |
| 8 | Prathmesh Mishra | Student | Prathmesh.mishra@isbm.ac.in | 9881294721 |
| 9 | Mayur Borase | Student | Mayor.borase@isbmcoe.org | 7083613609 |

# ESTABLISHMENT OF COMMITTEE FOR SC/ST

| Sr No | Name and address of the member | Designation | e-mail | Contact number |
|---|---|---|---|---|
| 1 | **Prof.Vaibhav Vilas Edake** | **Chair Person** | Vaibhav.edake@isbm.ac.in | 9139170159 |
| 2 | Prof.Renuka Salunkhe | Member | Renuka.salunkhe@isbm.ac.in | 9627878970 |
| 3 | Prof.Kirti Randhe | Member | Kirti.randhe@isbm.ac.in | 9767273428 |
| 4 | Mr.Somnath Ahiwale | Member | Somnath.ahiwale@isbm.ac.in | 9122990988 |
| 5 | Aruna Sorate | Student | Aruna.sorate@isbm.ac.in | 8830266425 |
| 6 | Sakshi Rane | Student | Sakshi.rane@isbm.ac.in | 9067084306 |
| 7 | Manasi Ghive | Student | Manasi.ghive@isbm.ac.in | 9511631649 |

PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA

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**Date : 25 April 2023**

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Principal, ISBM COE, Pune

# INTERNAL QUALITY ASSURANCE CELL (IQAC)

| Sr No | Category | Name and address of the member | Designation | e-mail | Contact number |
|---|---|---|---|---|---|
| 1 | Chairperson | Dr.P.K.Srivastava | principal | Principal.sot@isbm.ac.in | 9168895040 |
| 2 | IQAC Coordinator | Dr.M.P.Yadav | Dean Academics | mp.yadav@isbm.ac.in | 9370913704 |
| 3 | Administrative officers | Vaibhav Edake | ,HOD Mechanical | Vaibhav.edake@isbm.ac.in | 9139170159 |
| | | Balasaheb Gite | HOD, Computer Engineering | Balasaheb.gite@isbmcoe.org | 8830644366 |
| | | Kirti Randhe | HOD, AIML | Kirti.randhe@isbm.ac.in | 9823284227 |
| | | Sitaram Longani, | HOD E&TC | Sitaram.longani@isbm.ac.in | 9028976273 |
| | | Anil Walke, | HOD AIDS | Anil.walke@isbmcoe.org | 7020640920 |
| | | Mr.Krishnakumar Yadav, | HOD applied Science | Krishnakumar.yadav@isbm.ac.in | 9318338869 |
| | | Kishor Makeshwar | Office Supritendant | Kishor.makeshwar@isbm.ac.in | 9604846422 |
| 4 | Faculty | Prof.C.S.Khemkar | Faculty,Mechanical Engineering | Chandrakant.khemkar@isbm.ac.in | 9049572088 |
| | | Prof.Dipali Deshmukh | Faculty,Computer Engineering | Dipali.deshmukh@isbmcoe.org | 7972951950 |
| | | Prof.Pravin Chavan | Faculty,First Year | Pravin.chavan@isbmcoe.org | 8149478491 |
| 5 | Management member | Dr. P.K.De | Campus Director | | |
| | | Dr.Ravi Jaiswal | Registrar | Ravi_libra13@isbm.ac.in | 9890563630 |
| | | Dr.Naveen Kumar | Sr.Faculty | | |
| 6 | Student member | Mr.Tejas Bharane | Student General Secretary | Tejas.bharane@isbm.ac.in | 8087459926 |

Place : Pune
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Principal, ISBM COE, Pune

# PROGRAMMES

| Sr No | Name of Programmes approved by AICTE | Programmes Accredited by AICTE | Status of Accreditation of the Courses | Courses for which applied for Accreditation | Status of Accreditation (Preliminary / Applied for SAR and result awaited / Applied for SAR and visits completed / Results of the visits awaited / Rejected / Approval for … Courses) |
|---|---|---|---|---|---|
| 1 | Computer Engineering | YES | Not Applicable | The National Assessment and Accreditation Council (NAAC) | NAAC Accredited with B++ Grade for 5years validity from 28.03.2019 to till 27.03.2024 (CGPA 2.82) |
| 2 | Mechanical Engineering | | | | |
| 3 | Electronics and Telecommunication Engineering | | | | |
| 4 | AIDS | | | | |
| 5 | AIML | | | | |

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# FOR EACH PROGRAMME THE FOLLOWING DETAILS ARE TO BE GIVEN :

| Sr No | Name of the programmes | No of seats | Dura-tion | Fee |
|---|---|---|---|---|
| 1 | Computer | 90 | 4 yrs | 83000/- |
| 2 | Electronics and Telecommunication Engineering | 30 | 4 yrs | 83000/- |
| 3 | Mechanical Engineering | 60 | 4 yrs | 83000/- |
| 4 | AIDS | 30 | 4 yrs | 83000/- |
| 5 | AIML | 30 | 4 yrs | 83000/- |

# DETAILS OF PLACEMENT

| Sr No | Name of the programmes | Placement facilities | Campus Placement in last 3 years with | | | Salary | | |
|---|---|---|---|---|---|---|---|---|
| | | | 2020 | 2021 | 2022 | Minimum | Maximum | Average |
| 1 | Computer Engineering | Soft Skill / Aptitude / company specific training. Employability Tests.<br><br>Add on industry based courses.<br><br>Certificate courses.<br><br>Interview / GD rooms Audio-Visual systems, A/C Seminar hall, Computer facilities with internet. | 27 | 36 | 40 | 3 LPA | 6 LPA | 4.5 LPA |
| 2 | Mechanical Engineering | | 69 | 55 | 65 | 3 LPA | 12LPA | 4.5 LPA |
| 3 | AIDS | | NA | NA | NA | NA | NA | NA |
| 4 | AIML | | NA | NA | NA | NA | NA | NA |
| 5 | Electronics and Telecommunication Engineering | | 10 | 14 | 10 | 3 LPA | 6 LPA | 4.5 LPA |

PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA

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Date: 2023.05.15 14:16:10 +05'30'

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**Dr. P. K. Srivastava**
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**Placement :**

**Name and duration of programme (s) having Twinning and Collaboration with Foreign University(s) and being run in the same campus along with status of their AICTE approval. If there is Foreign Collaboration, give the University.(Not Applicable)**

| | |
|---|---|
| Name of the University | |
| Address | |
| Website | |
| Accreditation status of the University in its Home Country | |
| Ranking of the University in the Home Country | |
| Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country | |
| Nature of Collaboration | |
| Conditions of Collaboration | |
| Complete details of payment a student has to make to get the full benefit of Collaboration | |

**For each programme Collaborated provide the following :(Not Applicable)**

| | |
|---|---|
| Programme Focus | |
| Number of seats | |
| Admission procedure | |
| Fee | |
| Placement Facility | |
| Placement Records for last three years with minimum salary, maximum salary and average salary | |
| Whether the Collaboration programme is approved by AICTE? If not whether the Domestic / Foreign University has applied to AICTE for approval | |

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# DETAILS OF FACULTY :

| Sr No | Name of programme | Name of the Faculty members | Designation | Nature of appointment (Permanent, Temporary, Adjunct, Visiting) | Remarks |
|---|---|---|---|---|---|
| 1 | E&TC Engineering | Dr.P.K.Srivastava | Principal | Permanent | |
| 2 | Mechanical Engineering | Mr. Vaibhav Edake | Assistant Professor in Mechanical & HOD | Permanent | |
| 3 | Mechanical Engineering | Mr. Khemkar Chandrakant | Assistant Professor in Mechanical | Permanent | |
| 4 | Mechanical Engineering | Mr. Gaikwad Prakash | Assistant Professor in Mechanical | Permanent | |
| 5 | Mechanical Engineering | Mr. Ravi Suryawanshi | Assistant Professor in Mechanical | Permanent | |
| 6 | Mechanical Engineering | Mr. Nilesh Dhobale | Assistant Professor in Mechanical | Permanent | |
| 7 | Mechanical Engineering | Mr. Krishnakumar Yadav | Assistant Professor in Mechanical | Temporary | |
| 8 | Mechanical Engineering | Mr. Prashant Sagare | Assistant Professor in Mechanical | Temporary | |
| 9 | Mechanical Engineering | Mr. Tushar Edake | Assistant Professor in Mechanical | Temporary | |
| 10 | Mechanical Engineering | Mr. Nitin Bahiram | Assistant Professor in Mechanical | Temporary | |
| 11 | Mechanical Engineering | Mr. Ritesh Rakhonde | Assistant Professor in Mechanical | Temporary | |
| 12 | Mechanical Engineering | Mr. Firoj Tanekhan | Assistant Professor in Mechanical | Temporary | |
| 13 | Computer Engineering | Mr. Balasaheb Gite | Associate Professor in Computer Engineering & HOD | Temporary | |
| 14 | Computer Engineering | Dr. Vilas Joshi | Assistant Professor in Computer Engineering | Temporary | |
| 15 | Computer Engineering | Mr. Dharmaveer Sisodiya | Assistant Professor in Computer Engineering | Temporary | |
| 16 | Computer Engineering | Mrs. Sharda Thete | Assistant Professor in Computer Engineering | Temporary | |
| 17 | Computer Engineering | Mr. Chandan Wagh | Assistant Professor in Computer Engineering | Temporary | |
| 18 | Computer Engineering | Mr. Nishant Jha | Assistant Professor in Computer Engineering | Temporary | |
| 19 | Computer Engineering | Mr. Nikhil Kumthekar | Assistant Professor in Computer Engineering | Temporary | |
| 20 | Computer Engineering | Ms. Darshana Bhamare | Assistant Professor in Computer Engineering | Temporary | |
| 21 | Computer Engineering | Mrs. Dipali Deshmukh | Assistant Professor in Computer Engineering | Temporary | |

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Principal, ISBM COE, Pune

| Sr No | Name of programme | Name of the Faculty members | Designation | Nature of appointment (Permanent, Temporary, Adjunct, Visiting) | Remarks |
|---|---|---|---|---|---|
| 22 | AIML | Mrs. Kirti Randhe | Assistant Professor in AIML Engineering & HOD | Permanent | |
| 23 | AIML | Mrs. Dhaneshree Vedpathak | Assistant Professor in AIML Engineering | Temporary | |
| 24 | AIML | Mr. Amit Asthana | Assistant Professor in AIML Engineering | Temporary | |
| 25 | AIML | Ms. Reshma Sonar | Assistant Professor in AIML Engineering | Temporary | |
| 26 | AIDS | Mr. Kailashnath Tripathi, | Assistant Professor in AIML Engineering | Temporary | |
| 27 | AIDS | Mr. Anil Walke | Assistant Professor in AIDS Engineering | Temporary | |
| 28 | AIDS | Mrs. Prajkta A. Puranik | Assistant Professor in AIDS Engineering | Temporary | |
| 29 | AIDS | Mr. Ashok Verma | Assistant Professor in AIDS Engineering | Temporary | |
| 30 | AIDS | Mrs. Vidya S. Kadam | Assistant Professor in AIDS Engineering | Temporary | |
| 31 | E&TC Engineering | Mr. Longani Sitaram | Assistant Professor in E&TC Engineering & HOD | Permanent | |
| 32 | E&TC Engineering | Mr. Pranita Waliwadikar | Assistant Professor in E&TC Engineering | Temporary | |
| 33 | E&TC Engineering | Mrs Neha Singh | Assistant Professor in E&TC Engineering | Temporary | |
| 34 | E&TC Engineering | Mr. Sujata Jogdand | Assistant Professor in E&TC Engineering | Temporary | |
| 35 | E&TC Engineering | Ms. Pooja Kolhe | Assistant Professor in E&TC Engineering | Temporary | |
| 36 | E&TC Engineering | Mr. Anilkumar Jakkani | Assistant Professor in E&TC Engineering | Temporary | |
| 37 | E&TC Engineering | Mr. ShravankumarAsrani | Assistant Professor in E&TC Engineering | Temporary | |
| 38 | E&TC Engineering | Mr.Pratibha Kulkarni (Patil) | Assistant Professor in E&TC Engineering | Temporary | |
| 39 | First Year | Dr. M. P. Yadav | Assistant Professor in First year Engineering | Permanent | |
| 40 | First Year | Dr. Renuka Saraogi | Assistant Professor in First year Engineering | Temporary | |
| 41 | First Year | Ms. Rohini Hanegaonkar | Assistant Professor in First year Engineering | Temporary | |
| 42 | First Year | Mrs. Prayag Archana | Assistant Professor in First year Engineering | Temporary | |
| 43 | First Year | Mr. Pravin Chauhan | Assistant Professor in First year Engineering | Temporary | |
| 44 | First Year | Mr. Navnath Lakde | Assistant Professor in First year Engineering | Temporary | |

Place : Pune
**Date : 25 April 2023**

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

| | | | | | |
|---|---|---|---|---|---|
| 45 | First Year | Ms. Renuka Salunke | Assistant Professor in First year Engineering | Temporary | |
| 46 | First Year | Suman Mishra | Assistant Professor in First year Engineering | Temporary | |
| 47 | First Year | Mr.Vijay Galande | Assistant Professor in First year Engineering | Temporary | |
| 48 | First Year | Dr. Deepak Kulshreshtha | Associate Professor in First year Engineering | Temporary | |
| 49 | First Year | Ms. Neelam Rani | Assistant Professor in First year Engineering | Temporary | |
| 50 | First Year | Ms. Tejal Shinde | Assistant Professor in First year Engineering | Temporary | |
| 51 | First Year | Mr. Ms. Ashwini Pate | Assistant Professor in First year Engineering | Temporary | |
| 52 | First Year | Ms. Vaishali Joshi | Assistant Professor in First year Engineering | | |
| 53 | First Year | Mrs. Asawari Bhalerao | Assistant Professor in First year Engineering | Temporary | |
| 54 | First Year | Mr. Deepak Kumar | Assistant Professor in First year Engineering | Temporary | |

# RATIO :

| Faculty : Student Ration |
|---|
| 01:20 (for UG) |

**(7) PROFILE OF PRINCIPAL AND FACULTY :**Faculty profile Link https://www.isbmcoe.org/department/computer-engineering.php

# FEES DETAILS:

| | | |
|---|---|---|
| Details of fee, as approved by State Fee Committee, for the Institution | Tuition fees of | **Rs.70985 /-** |
| | Development fees of | **Rs. 9015/-** |
| | OTHER | **Rs.3000/-** |
| | **Total fees of** | **Rs. 83000/-** |
| Time schedule for payment of fee for the entire programme | Till the cut of date as stipulated by the Director Technical Education/ Govt. of Maharashtra. | |
| No of Fees waivers granted with amount and name of students | NIL, But facility of Payment of fees in instalment is giving to students. | |
| Number of scholarship offered by the Institution, duration and amount | NIL, But the facility of scholarship, freeship, etcgiven by Govt of Maharashtra is made available to Reserved Category students. | |
| Criteria for fee waivers / scholarship | NIL | |
| Estimated cost of Boarding and Lodging in Hostels | Boarding and Lodging in Hostel Rs 50000/- per annum per head. | |

Place : Pune
**Date : 25 April 2023**

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# ADMISSION

Number of seats sanctioned with the year of approval

| Sr No | Name of the programmes | Sanction Intake | Year of Approval |
|---|---|---|---|
| 1 | Computer Engineering | 90 | 2010/2020 |
| 2 | Mechanical Engineering | 60 | 2010 / 2020 |
| 3 | AIDS | 60 | 2020 |
| 4 | AIML | 60 | 2020 |
| 5 | Electronics and Telecommunication Engineering | 30 | 2010/2019 |
| | **Total Intake** | **300** | |

Number of students admitted under various categories each year in the last three years

| Sr No. | Under Graduate (UG) | 2020-2021 | 2021-2022 | 2022-23 |
|---|---|---|---|---|
| 1 | SC | 14 | 8 | 15 |
| 2 | ST | 0 | 0 | 0 |
| 3 | VJNT | 12 | 9 | 17 |
| 4 | SBC | 3 | 5 | 05 |
| 5 | OBC | 27 | 31 | 80 |
| 6 | SEBC | 10 | 30 | 1 |
| 7 | Open | 67 | 68 | 110 |
| | **Total** | **113** | **182** | **227** |

Number of applications received during last two years for admission under Management Quota and number admitted

| Sr No | Particulars | Academic Year 2022-23 |
|---|---|---|
| 1 | No of application received | 335 |
| 2 | No of admitted stuedents | 54 |

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Place : Pune
**Date : 25 April 2023**

(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# ADMISSION PROCEDURE

| | | |
|---|---|---|
| Mention the admission test being followed, name and address of the Test Agency and its URL (website) | 1) MH-CET : Enterence test conducted by DTE, Mumbai, Govt of Maharashtra, State Common Enterance Test Cell, Maharashtra State Mumbai (Website – www.dte.org.in and www.mahacet.org | |
| | 2) AIEEE : -- | |
| | 3) JEE Main : Central Board of Secondary Education, New Delhi. | |
| | 4) JEE Advance : Central Board of Secondary Education, New Delhi. | |
| Number of seats allowtted to different Test Qualified candidate separately (AIEEE/CET (State conducted test Universtiy tests /CMAT / GPAT) Association conducted test) | 1) MH-CET : 65% of sanctioned intake of each course | |
| | 2) AIEEE, JEE Main & JEE Advance : 15% of sanctioned intake of each course | |
| | 3) Institute lavel seats : 20% of sanctioned intake of each course | |
| Calendar for admission against Management / vacant seats | Last date of request for applications | 29.11.2022 |
| | Last date of submission of applications | 04.12.2022 |
| | Date for announcing final results | 4.12.2022 |
| | Release if admission list (main list and waiting list shall be announced on the same day) | 4.12.2022 |
| | Date for acceptance by the candidate (time given shall in no case be less than 15 days) | 4.12.2022 |
| | Last date for closing of admission | 4.12.2022 |
| | Starting of the Academic session | 21.11.2022 |
| | The waiting list shall be activated only on the expiry of date of main list | As per Govt / guidlines given in admission broucher |
| | The policy of refund of the fee, in case of withdrawal, shall be clearly notified | As per Govt / guidlines given in admission broucher |

## (8) Criteria and Weightages for Admission

Describe each criterian with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

1) CAP admission : Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

2) Institute level and vacant seat admission :
Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together.Diploma holders who have passed the Diploma course in Engineering / Technology with minimum of 50 % marks and medium of instruction as English from Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics situate in or outside the Maharashtra state.

Mention the minimum level of acceptance, if any

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

Place : Pune
**Date : 25 April 2023**

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# DETAILS OF LIBRARY

| Branch | Number of books available | Number of Titles available | Number of Journals available | List of online National Journals subscribed | List of online International Journals subscribed | E-library facilities |
|---|---|---|---|---|---|---|
| Computer Engineering | 3042 | 617 | 9 | | -- | J –gate |
| Mechanical Engineering | 3768 | 911 | 7 | | -- | |
| AIML | 108 | 54 | 3 | | -- | |
| AIDS | 104 | 52 | 3 | | -- | |
| E & TC Engineering | 3223 | 769 | 3 | | -- | |
| First Year Engineeering | 1404 | 345 | 3 | | -- | |
| **Total** | **12708** | **3092** | **35** | | -- | |

Place : Pune
**Date : 25 April 2023**

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# DETAILS LABORATORY AND WORKSHOP

List of Major Equipment / Facility in each Laboratory / Workshop

| Sr No | Department | Name of Laboratory | Name of Major Equipment / Facility |
|---|---|---|---|
| 1 | Computer Engineering | 1)Microprocessor Laboratory | 1) Digital Trainer Kit (06 Nos)<br>2) Digital Trainer Kit (09 Nos)<br>3) LENOVO i3 (20 Nos)<br>4) UPS 7.5 KVA (01 No)<br>5) D-link 24 Port Switch (No.01)<br>6) AC Intex 1T Split AC (Nos. 02)<br>7) HP LaserJet 1020 Plus (No.01)<br>8) Arduino Basic Strater KIT<br>9) Web Canera<br>10) Head Phone<br>11) Tablet |
| | | 2) DELD Laboratory | 1) Microprocessor Interfacing Cards(04 Nos)<br>a) 8259 PERIWARE/01,<br>b) 8255 PERIWARE/03,<br>c) 8253 PEERIWARE/04<br>d) 8279 PERIWARE/05<br>2) CABLE FOR INTERCAFING<br>a) 26 PIN FRC CABLE (02 Nos)<br>b) 50 PIN FRC CABLE (02 Nos)<br>3) 8086 Microprocessor kit with 16*2 line LCD display. Power supply,101 IBM keyboard, model XPO-86 (08 Nos)<br>4) 8251 study card (02 Nos)<br>5) Stepper Motor with DC motor studycard (01 No)<br>6) 8051 microcontroller trainer(10 Nos)<br>7) 8051 microcontroller trainer(10 Nos)<br>8) 20 MHZ dual trace microcontroller based oscilloscope model cadd0 802pt (01 No)<br>9) UPS 7.5 KVA (02 Nos)<br>10) Combo Drive (Sony)<br>11) CD Writer Internal Sony<br>12) Dyna Keyboard and Display<br>study card (8279)<br>study card 8253<br>study card 8259<br>ADC 8-Bit study card<br>ADC 12-Bit study card<br>8-Bit DAC study card<br>13) Microfriend Dyna 8086 (6 Nos) 8251 Study Card<br>14) Stepper Motor Control Study Card<br>15) Stepper Motor 12V,Cable ConnectorSet with keyboard (6 Nos)<br>17) Dyna Keyboard & DisplayStudy Card (8279)<br>study card 8253<br>18) ADC 8-Bit study card 8-Bit DAC study card8251 Study Card<br>19) Lenovo Desktop Computer : intelE7500 core 2 duo<br>20) 6KVA UPS Batteries 12v /26/AH5MF<br>21) UPS 7.5 KVA<br>22) D-Link Switch 24 Port HP LaserJet 1020 Plus |
| | | 3) Linux Laboratory | 1) Rack 9U (Q -01), Webcam Logitech (Q - 01)<br>2) Web cam (Q - 05)<br>3) Speaker Mercury (Q - 01)<br>4) Creative 2.1 Speaker (Q - 01)<br>5) UPS Dynamit 6 KVA (Q -01)<br>6) HDD External (Q - 05)<br>7) Telephone Instrument<br>8) Lenovo core i7 8 GB Ram 1TB HDD (Q - 23)<br>9) Printer HP 1020 Plus (Q - 01)<br>10) Switch Dlink 24 Ports (Q - 01)<br>11) Projector Hitachi make and Screen (Q - 01) |

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**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

| | | | |
|---|---|---|---|
| | | 4)ComputerNetwork Laboratory | 1) Switch 3COM 24 Port10/100Mbps (Q-01)<br>2) RACK 6U (Q - 01)<br>3) Printer HP LASER JET 1020 (Q - 01)<br>3) LCD(Toshiba) (Q - 01)<br>4) Creative 2.1 Speaker (Q - 01)<br>5) 24 D-link 3024 switch (Q - 01)<br>6) Router CISCO 1841 with two Ethernet port (Q - 01)<br>7) Lenovo Desktop Computer Core i7 (Q-25)<br>8) Printer HP LASER JET Pro MFP-M227 (Q - 01)<br>9) UPS 7.5 KVA (Q-01) |
| | | 5) Multimedia Laboratory | 1) Lenovo Core I3<br>2) DLINK SWITCH 24 PORT<br>3) RACK 6U (01 No)<br>4) CRIMPING TOOL D-link<br>5) Dynamic Ups -6 KVA (01 No.)<br>6) Cannon Digital Camera power shot<br>7) Creative 2.1 Speaker (No. 01)<br>8) Printer HP 1020<br>9) USB HDD 1 TB<br>10) Printer HP LASER JET Pro MFP-M227 |
| | | 6)Design Laboratory | 1) Wipro Desktop Computer intel 2.2GHZ Core 2Duo E4500, Intel 945gc Chipset, 1GB DDR2 Ram, 160GB HDD Sata 7200RPM DVDRW, multimedia keyboard, optical mouse,17" TFT Monitor, Windows Xp Pro Sp2 (Q - 11) (11 Nos)<br>2) DLINK SWITCH 24 PORT (Q – 01) 01)<br>3) RACK 6U (Q -01)<br>4) Lenovo Desktop Computer Intel E7500 Core 2 Duo 2.93GHZ SD RAM DDR2GB ext. upto 8GB HDD Sata 320GB, Cache memory 3MB L2 Cache, DVDRW, 18.5" TFT monitor,Keyboard Multimedia, Optical Mouse scroll, lan 10/100/1000 MBPs PCI modem 56KBps, audio chipset realtek888s, video interface (Q - 20)<br>5) UPS 7.5 KVA Batteries with Rack (Q - 01)<br>6) Printer HP 1020 Plus (Q - 01)<br>7) AC Intex 1T Split AC (Q - 02) |
| | | 7) Software Laboratory | 1) UPS: 7.5 KVA online sine wave ups with 12C/18ah smf batteries, Orchid make for 30 min Backup (Q - 01)<br>2) Mercury Multimedia Speakers (Q - 02)<br>3) Creative 2.1 Speaker (Q - 01)<br>4) Switch 24 port Dlink 1026 (Q - 02)<br>5) Rack 6U with hardware (Q - 01)<br>6) LCD Projector BenQ Make MX 660P (Q - 01)<br>7) Projection Screen 6 x 8 (Q - 01)<br>8) 2 TR Split AC (Q - 04)<br>9) Printer HP 1020 Plus (Q - 01)<br>10) Lenova Desktop V520151KL 10NLS08W00, Core i5, 4 GB RAM, 1 TB HDD, DVDRW, KBMD, 2 GB Graphics<br>5) Card, 18:5" Screen, Win - 10 Warranty 3 Years (Q - 30)UPS 7.5 KVA (Q-01) |
| | | 8) PG Laboratory | 1) Lenovo Edge 73-Intelcore i7<br>2) UPS 7.5 KVA<br>3) 12 U Rack<br>4) D-link 24 port<br>5) Printer HP 1020<br>6) USB DVD R/W LG<br>7) Projector Sony VPLDX 220 |
| 2 | Electronics and Telecommunication Engineering | 1) Process Automation & Instrumentation Lab | 1) Spectrophotometer 2) MEDISCOPE DOUBLE TRACE |
| | | 2) Basic Elex Lab (BEE) | 1)CRO 30MHz(5 IN 1 Test Lab TL401) |
| | | 3) Project Lab | 1) Digital Storage Scope Tektronix Make<br>2) 6 1/2 DIGITAL MULTIMETER (AGILENT)<br>3) Digital Phospher Scope Tektronix<br>4) Digital Storage Scope Tektronix<br>5) Universal test and mesuring system |
| | | 4) Circuit & Simulation Lab | 1) Aplab 100 MHz DSO (Model D36100 CA)<br>2) Aplab 100 MHz DSO (Model D36100 CA)<br>3) 6½Digit Digital Multimeter (Agilent ModelNo.34410A)<br>4) Digital Phospher Oscilloscope Tektronix MakeModel (DPO 2012) |

Place : Pune
**Date : 25 April 2023**

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|---|---|---|---|
| | | 5) Power Lab | 1) Isolated Channel Digital Storage Power ScopeTektronix Make Model No. TDS 2014 B |
| | | 6) Communication Lab | 1) RF Signal Synthesizer Model No. HP 33120A<br>2) 6½Digit Digital Multimeter (AgilentModelNo.34410A)<br>3) Spectrum Analyser with Tracking Generator.<br>4) Vector Network Analyzer |
| | | 7) VLSI Lab | 1) Desktop Computer Lenovo: Intel Core i5 Processor, Intel M/B, 4gb Ram, 1TB HDD, 19.5" LED, DVD RW, Keyboard & Mouse ( 3 Years Warrenty direct from Vender-Lenovo)<br>2) HP Laserjet Printer HP 1106<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA, III Phase - 1 Phase with 24 Batteries 12V26A II<br>4) Spartan III based DSP in VLSI Trainer Model - MX53FK_DSP<br>5) Xilinx Spartan 3FPGA<br>6) VLSI Training Unit with FPGA/ CPLD<br>7) Latest Version of VLSI, Multi Vendor VLSI, Trainer Unit ( Make - Mechatronics, Model - MV) |
| | | 8) Signal Processing & Embedded Lab | 1) Desktop Computer Lenovo: Intel Core i5 Processor, Intel M/B, 4gb Ram, 1TB HDD, 19.5" LED, DVD RW, Keyboard & Mouse ( 3 Years Warrenty direct from Vender-Lenovo)<br>2) Printer HP 1020 LaserJet<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA,III Phase - 1 Phase with 24 Batteries 12V26A II<br>4) Embedded Systems Development Kit(ARM-7)<br>5) Embedded Systems Development Kit (uC89C51)<br>6) Universal Programmer<br>7) ARM CORTEX M3 Trainer Kit with LPC 1768Processor |
| 3 | Mechanical Engineering | 1) Metallurgy Lab | 1) Universal Testing Machine<br>2) Ultrasonic Test Rig<br>3) Vickers Hardness Tester<br>4) Inverted Microscope with image analysis System & Software<br>5) Standard Samples of Metallurgical Microstructure<br>6) Computerised Rockwell and Hardness Tester<br>7) Polishing Machine (Double Disk)<br>8) Digital Impact Testing Machine |
| | | 2) Heat Engine Lab | 1) Two stage reciprocating air compressor Test rig<br>2) Diesel Generator set<br>3) Exhaust Gas analyser<br>4) Vapour absorption test rig<br>5) Smoke meter<br>6) Computerised Single Cylinder Engine Test Rig<br>7) 3 cylinder four stroke petrol Engine Test Rig setup<br>8) Hydrogen Gas leak Detector<br>9) Air Compressor<br>10) Steam Power Plant |
| | | 3) Heat Transfer Laboratory | 1) Experimental setup of Computer Integrated Heat Transfer Through Fin in Natural Convection<br>2) Heat Pipe Demonstrator<br>3) Insulating Power Apparatus<br>4) Pin fin Apparatus<br>5) Forced convection |
| | | 4) Theory of Machines Laboratory | 1) Epicyclic gear train test rig<br>2) Governor (Centrifugal) Model<br>3) Clutch Test Rig<br>4) Dynamometer<br>5) Torsion testing machine |
| | | 5) Dynamics of Machinery Laboratory | 1) Vibrometer<br>2) Whirling of shaft apparatus |
| | | 6) Fluid Machinery Laboratory | 1) Pelton wheel turbine test rig<br>2) Francis turbine test rig<br>3) Impact of Jet Apparatus<br>4) Centrifugal pump test rig |

Place : Pune
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Principal, ISBM COE, Pune

| | | | |
|---|---|---|---|
| | | 7) Fluid Power laboratory | 1) Hyd. Accumulator Intensifier and press<br>2) Hydraulic Circuit Trainer<br>3) Pneumatic Circuit Trainer |
| | | 8) Refrigeration and Air Conditioning Laboratory | 1) Vapour compression refr. Test rig<br>2) Ice plant test Rig<br>3) Air Conditioner cycle test rig<br>4) Rotary air compressor (vane type) |
| | | 9) Metrology and Quality Control Laboratory | 1) Autocollimator & Angle Decker<br>2) Tool makers microscope<br>3) Profile Projector<br>4) Portable digital surface finish Tester |
| | | 10) ComputerAided Design Laboratory | 1) Desktop Computers make: Lenovo (44Nos)<br>2) IBM Server (1 Nos.)<br>3) True on line UPS (7.5 KVA) (02No)<br>4) 2 TR Split AC with reciprocating wall mounted. |
| | | 11) Computer Aided Engineering Laboratory | 1) Desktop Computers make:Lenovo (10 Nos)<br>2) Desktop Computers make:Lenovo I 5 (20 Nos)<br>3) Desktop Computers make:Lenovo I 3 (10 Nos)<br>5) LE Grand Numberic UPS 7.5 KVA |
| | | 12) Computer Graphics Laboratory | 1) Plotter (01 No) AO Size Color<br>2) Computer-Lenovo (45 Nos.) (Location 217)<br>3) True on line UPS 7.5 KVA(03No) |
| 4 | First Year Engineering | 1)Engineering Chemistry Laboratory | 1) Muffle Furnace<br>2) Glass Distillation Unit<br>3) High Precision Digital Balance with standard breeze shield |
| | | 2) Engineering Physics Laboratory | 1) Ultrasonic Interferometer Complete Setup (For Solid)<br>2) He-Ne Laser Kit Complete Setup<br>3) Desktop Computer, Printer<br>4) DLP Projector System |
| 5 | Workshop | Workshop | 1) Lathe Turnmaster -35 Make – Kirlosker (Qty.20<br>2) Three Jaw Chuck (Qty.20)<br>3) Radial Drill Machine & Piller type drilling 35mm<br>4) Grinder Machine Precision (Qty.1)<br>5) Capstan Lath Machine (Qty.1)<br>6) Horizontal Surface Grinder Machine (Qty.1)<br>7) Universal Milling machine (Qty.1)<br>8) Shaping Machine (Qty.1)<br>9) Arc welding Machine Make – Advani (Qty.1)<br>10) Desktop Computer Lenova Intel (Qty.3)<br>11) Welding Machine (Qty.1)<br>12) Gas Welding Set (Qty.1) |

Place : Pune
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**Dr. P. K. Srivastava**
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# LIST OF EXPERIMENTAL SETUP IN EACH LABORATORY / WORKSHOP

| | | | |
|---|---|---|---|
| 1 | Computer Engineering | 1) Microprocessor Laboratory | 1) Digital Trainer Kit (06 Nos)<br>2) Digital Trainer Kit (09 Nos)<br>3) LENOVO i3 (20 Nos)<br>4) UPS 7.5 KVA (01 No)<br>5) D-link 24 Port Switch (No.01)<br>6) AC Intex 1T Split AC (Nos. 02)<br>7) HP LaserJet 1020 Plus (No.01)<br>8) Arduino Basic Strater KIT<br>9) Web Canera<br>10) Head Phone<br>11) Tablet |
| | | 2) DELD Laboratory | 1) Microprocessor Interfacing Cards (04 Nos)<br>a) 8259 PERIWARE/01,<br>b) 8255 PERIWARE/03,<br>c) 8253 PEERIWARE/04<br>d) 8279 PERIWARE/05<br>2) CABLE FOR INTERCAFING<br>a) 26 PIN FRC CABLE (02 Nos)<br>b) 50 PIN FRC CABLE (02 Nos)<br>3) 8086 Microprocessor kit with 16*2 line LCD display. Power supply,101 IBM keyboard, model XPO-86 (08 Nos)<br>4) 8251 study card (02 Nos)<br>5) Stepper Motor with DC motor study card (01 No)<br>6) 8051 microcontroller trainer (10Nos)<br>7) 8051 microcontroller trainer (10Nos)<br>8) 20 MHZ dual trace microcontroller based oscilloscope model cadd0 802 pt (01 No)<br>9) UPS 7.5 KVA(02 Nos)<br>10) Combo Drive (Sony)<br>11) CD Writer Internal Sony<br>12) Dyna Keyboard and Display study card (8279)<br>study card 8253<br>study card 8259 |

Place : Pune
**Date : 25 April 2023**

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| | | | |
|---|---|---|---|
| | | | ADC 8-Bit study card<br>ADC 12-Bit study card<br>8-Bit DAC study card<br>13) Microfriend Dyna 8086 (6 Nos)<br>8251 Study Card<br>14) Stepper Motor Control Study Card<br>15) Stepper Motor 12V,Cable Connector Set with keyboard (6 Nos)<br>17) Microfriend Dyna 8086 (4 Nos) |
| | | | 20) Cable Connector Set with keyboard (4Nos)<br>21) Stepper Motor 12V,<br>Stepper Motor Control Study Card<br>Dual Power regulated Power Supply 0 – 30V (Falcon Make)<br>Dual Trace microcontroller based oscilloscope (01 No)<br>22) Microcontroller and Microporcessor Kit with stepper Motor (2 Nos)<br>23) D-Link Switch 24 Port<br>24) Desktop Computers Make : LENOVO Core i3(3.3MHz MB Cache), 500GB SATA HDD, 4GB Ram DDR 3, 18.5" LED Display Screen, DVD RW Drive, onboard Graphics card, usb multimedia keyboard, usb optical mouse, preloaded windows 7 license with free Antivirus (20 Nos.)<br>25) Lenovo Desktop Computer : intel E7500 core 2 duo<br>26) 6KVA UPS Batteries 12v /26/AH 5MF<br>27) UPS 7.5 KVA<br>28) D-Link Switch 24 Port<br>29) HP LaserJet 1020 Plus |
| | | 3) Linux Laboratory | 1) Rack 9U (Q-01)<br>2) Webcam Logitech (Q -01)<br>3) Web cam (Q – 05)<br>4) Speaker Mercury (Q – 01)<br>5) Creative 2.1 Speaker (Q – 01)<br>6) UPS Dynamit 6 KVA (Q – 01)<br>7) HDD External (Q – 05)<br>8) Telephone Instrument<br>9) Lenovo core i7 8 GB Ram 1TB HDD (Q - 23)<br>10) Printer HP 1020 Plus (Q - 01)<br>11) Switch Dlink 24 Ports (Q - 01)<br>12) Projector Hitachi make and Screen (Q - 01) |
| | | 4) Computer Network Laboratory | 1) Switch 3COM 24 Port 10/100 Mbps (Q - 01)<br>2) RACK 6U (Q - 01)<br>3) Printer HP LASER JET 1020 (Q - 01)<br>3) LCD(Toshiba) (Q - 01)<br>4) Creative 2.1 Speaker (Q - 01)<br>5) 24 D-link 3024 switch (Q - 01)<br>Router CISCO 1841 with two Ethernet port (Q - 01)<br>6) Lenovo Desktop Computer Core i7 (Q-25)<br>7) Printer HP LASER JET Pro MFP-M227 (Q - 01)<br>8) UPS 7.5 KVA (Q-01) |

Place : Pune
**Date : 25 April 2023**

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| | | | |
|---|---|---|---|
| | | 5) Multimedia Laboratory | 1) lenovo Core I3<br>2) DLINK SWITCH 24 PORT<br>3) RACK 6U (01 No)<br>4) CRIMPING TOOL D-link<br>5) Dynamic Ups -6 KVA (01 No.)<br>6) Cannon Digital Camera power shot<br>7) Creative 2.1 Speaker (No. 01)<br>8) Printer HP 1020<br>9) USB HDD 1 TB<br>10) Printer HP LASER JET Pro MFP-M227 |
| | | 6) Design Laboratory | 1) Wipro Desktop Computer intel 2.2GHZ Core 2Duo E4500, Intel 945gc Chipset, 1GB DDR2 Ram, 160GB HDD Sata 7200RPM DVDRW, multimedia keyboard, optical mouse,17" TFT Monitor, Windows Xp Pro Sp2 (Q - 11) (11 Nos) |
| | | | 2) DLINK SWITCH 24 PORT (Q – 01)<br>3) RACK 6U (Q – 01)<br>4) Lenovo Desktop Computer Intel E7500 Core 2 Duo 2.93GHZ SD RAM DDR2GB ext. upto 8GB HDD Sata 320GB, Cache memory 3MB L2 Cache, DVDRW, 18.5" TFT monitor,Keyboard Multimedia, Optical Mouse scroll, lan 10/100/1000 MBPs PCI modem 56KBps, audio chipset realtek888s, video interface (Q - 20)<br>5) UPS 7.5 KVA Batteries with Rack (Q - 01)<br>6) Printer HP 1020 Plus (Q - 01)<br>7) AC Intex 1T Split AC (Q - 02) |
| | | 7) Software Laboratory | 1) UPS: 7.5 KVA online sine wave ups with 12C/18ah smf batteries, Orchid make for 30 min Backup (Q – 01)<br>2) Mercury Multimedia Speakers (Q - 02)<br>3) Creative 2.1 Speaker (Q – 01)<br>4) Switch 24 port Dlink 1026 (Q – 02)<br>5) Rack 6U with hardware (Q – 01)<br>6) LCD Projector BenQ Make MX 660P (Q - 01)<br>7) Projection Screen 6 x 8 (Q – 01)<br>8) 2 TR Split AC (Q - 04)<br>9) Printer HP 1020 Plus (Q - 01)<br>10) Lenova Desktop V520151KL 10NLS08W00, Core i5, 4 GB RAM, 1 TB HDD, DVDRW, KBMD, 2 GB Graphics Card, 18:5" Screen, Win - 10 Warranty 3 Years (Q - 30)<br>UPS 7.5 KVA (Q-01) |

Place : Pune
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| | | | |
|---|---|---|---|
| 2 | Electronics and Telecommunication Engineering | 1) Process Automation & Instrumentation Lab | 1) Kit of measurement of wave forms of electrotherapy<br>2) Calibration of I to P Converter<br>3) Flow Control System Trainer<br>4) Water Temperature Control System Trainer<br>5) Air Temperature Control System Trainer<br>6) SCADA Application Software for any of above System<br>7) communication smart transmitter<br>8) control valve charetarstic |
| | | 2) Basic Elex Lab (BEE) | 1) Study of signal BJT CE amplifier with open test point<br>2) Study of summing amplifier usingOP Amp With open test point 3)Studyof difference amplifierusing OP Amp With open test point 4)Study of Astable multivibratorusing 555 with open test point<br>5)Digital trainer kit with 10 i/p &o/p and display with open test point |
| | | 3) Project Lab | 1) Digital Trainer (Logsun)<br>2) Digital Trainer (Sigma) |
| | | 4) Circuit & Simulation Lab | |

Place : Pune
**Date : 25 April 2023**

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| | | | |
|---|---|---|---|
| | | 5) Power Lab | 1) V/F Controlled AC Induction Motor Drive / VFD (with Induction Motor)<br>2) Speed Control of Universal Motor (with Motor)<br>3) Feedback Control of DC Motor Drive / 1 Phase LCC drive (with Motor)<br>4) Cycloconverter 3 Phase |
| | | 6) Communication Lab | 1) Microwave Test Bench Klystron<br>2) Microwave Test Bench Gunn Diode<br>3) Antenna Trainer System (Model RFL - AMS- A) |
| | | 7) VLSI Lab | **PLC and HDL Programming Lab**<br>1) Simulate Half adder and Full Adder using VHDL<br>2) Simulate 4:1 Mux using VHDL<br>3) Simulate all types of Flip Flops using VHDL<br>4) Simulate Shift Register(Left and Right shift) using VHDL<br>5) Simulate Half adder and Full Adder using Verilog<br>6) Simulate 3:8 Decoder using Verilog<br>7) Simulate Counter using Verilog<br>8) Simulate ALU using Verilog |
| | | 8) Signal Processing & Embedded Lab | **Computer Networks**<br>1) Study of network commands & IP address configurations<br>2) Study of Cable tester for fault detection of UTP-CAT5 Cross / Straight LAN cable.<br>3) Implementation of LAN using star topology and connectivity between two computers using cross over UTP CAT5 cable. (Cisco Packet Tracer)<br>4) Installation and configuration of Web Server and hosting web page using HTML programming. (Cisco Packet Tracer)<br>5) Installation and configuration of Proxy Server.<br>6) Installation and configuration of Telnet server for Telnet Communication. (Teamviewer)<br>7) Write a program in „C“ for Encryption and Decryption (RSA Algorithm).<br>8) Write a program in „C“ for Shortest Path algorithm.<br>9) Connectivity of LAN computers to Internet using Dial-Up modem/leased line Modem /Mobile Handset. (Installation and configuration).<br>10) Installation of Suitable Protocol Analyzing software and Analysisof Intranet activities. (Wireshark) |

Place : Pune
**Date : 25 April 2023**

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| | | | |
|---|---|---|---|
| | | | **Advanced Processor**<br>1) Interfacing LPC2148 with GLCD to display image on it.<br>2) Using UART of LPC2148 for serial reception and transmission from/to computer.<br>3) Interfacing GSM with LPC2148 for sending and receiving message and voice call.<br>4) Interfacing GPS with LPC2148 for finding current location latitudeand longitude values.<br>5) Using built-in ADC of LPC2148for displaying its values(Programming built-in ADC with interrupt and withoutinterrupt)<br>6) Interfacing SD card to LPC2148 using SPI.<br>7) Discrete Fourier Transform Using FFT Algorithm on TMS320C6748 DSP Development kit.<br>8) Discrete Fourier Transform Using DFT FFT Radix 2 Algorithm on TMS320C6748 DSP Development kit.<br><br>**Embedded Processors**<br>1) Introduction to CCS<br>2) Blinking an onboard LED<br>3) LED control using a switch<br>4) Interrupt programming through GPIO<br>5) Pulse Width Modulation<br>6) Interfacing potentiometer with MSP430<br>7) Interfacing LPC2148 to Seven Segment / RGB LED<br>8) Interfacing LPC2148 to LCD<br>9) Interfacing LPC2148 for internal ADC on interrupt basis<br>10) UART Interfacing LPC2148 in embedded system (GSM/GPS)<br>11) Generation of PWM signal for motor control using LPC2148 |

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**Date : 25 April 2023**

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| | | | |
|---|---|---|---|
| 3 | Mechanical Engineering | 1) Metallurgy Laboratory | 1) Metallurgical Microscope (Monocular)<br>2) Metallurgical Microscope (Binocular)<br>3) Universal testing machine<br>4) Abrasive belt Grinder<br>5) Magnetic particle crack detector unit<br>6) Poldi Hardness tester<br>7) Ultrasonic test rig<br>8) Vickers Hardness Tester<br>9) Inverted Microscope<br>10)Metallurgical Trinocular Microscope<br>11) Computerized Rockwell cum Brinell Hardness tester<br>12) Polishing machine (Double Disc)<br>13) Digital Impact testing Machine<br>14)Cupping testing machine (Erichsen) |
| | | 2) Heat Engine Laboratory | 1) Two stage reciprocating air compressor Test rig<br>2) Diesel Generator set<br>3) Exhaust Gas analyser<br>4) Vapour absorption test rig<br>5) Smoke meter<br>6) Computerized Single Cylinder Engine Test Rig<br>7) 3 cylinder four stroke petrol Engine Test Rig set up<br>8) Experimental set up for investigation on performance of S I Engine fuel with Hydrogen Gas as an alternative fuel<br>9) Hydrogen Gas leak Detector<br>10) Regulator -Two stage Hydrogengas & Flash back arrestor<br>11)Flow meter for Hydrogen Gas<br>12) I C Engine Test Rig(Single cylinder) 13)Air Compressor<br>14) Steam Power Plant<br>15)Bomb calorimeter<br>16)Orsat Apparatus |
| | | 3) Heat Transfer Laboratory | 1) Insulating powder setup<br>2) Composite slab setup<br>3)Pin Fin set up<br>4) Natural Convection set up<br>5) Forced Convection setup<br>6) Stefan boltzmann's constant setup<br>7)Emissivity of test plate setup<br>8) Critical Heat flux setup<br>9) Heat pipe demonstrator |
| | | 4) Theory of Machines Laboratory | 1) Trifilar suspension apparatus<br>2) Epicyclic gear train test rig<br>3) Governor (Centrifugal) apparatus<br>4) Clutch Test Rig<br>5) Dynamometer setup<br>6) Torsion testing machine<br>7) To study manufacturing of gear using gear generation with rack as a cutter and to generate involute profile |

Place : Pune
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|---|---|---|---|
| | | 5) Dynamics of Machinery Laboratory | 1) Universal governor Apparatus<br>2) Motorised Gyroscope Apparatus<br>3) CAM analysis machine<br>4) Vibration Lab<br>5) Computerized Wheel Balancing Machine<br>6)Whirling of shaft apparatus |
| | | 6) Fluid Machinery Laboratory | 1) Pelton wheel turbine test rig<br>2) Centrifugal pump test rig<br>3) Francis turbine test rig<br>4) Impact of Jet Apparatus |
| | | 7) Fluid Power Laboratory | 1) Hyd. Accum. Intensifier and press<br>2) Hydraulic ckt. Trainer<br>3) Pneumatic ckt trainer<br>4) Gear pump test rig |
| | | 8) Refrigeration And Air Conditioning Laboratory | 1) Vapour compression refr. Test rig<br>2) Ice plant test Rig<br>3) A/C cycle test rig<br>4) Rotary air compressor (vane type)<br>5) Hermetically sealed compressorcut section<br>6) Cut section models of Refrigeration & condenser<br>7) Cut section models of Expansion valve |
| | | 9) Metrology and Quality Control Laboratory | 1) Optical Flat Monochromatic Light<br>2) Optical Flat Specimen Set<br>3) Autocollimator & Angle Decker<br>4) Floating carriage micrometer<br>5) Tool makers microscope<br>6) Profile Projector<br>7) Dial calibration tester<br>8) Portable digital surface finish tester<br>9) Electronic comparator twin channel |
| | | 10) Computer Aided Design Laboratory | 1) 2-D sketching with geometrical and dimensional constraints<br>2) Solid & Surface modeling for simple mechanical components<br>3)Assembly modeling (Output file as Assembly drawing and detailing)of the parts modeled in Practical assignment<br>4) Reverse Engineering of surface/solid modeling using Point Cloud Data.<br>5) Assembly Modeling by importing parts/components from free online resources like CAD andProduct development software websites, forums, blogs, etc. 6)Demonstration on CAD Customization (with introduction toprogramming languages, interfacing)<br>7) Program on Roots of Equation<br>8) Program on Simultaneous Equations<br>9) Demonstration of optimization technique using suitable solver.<br>10) Program on ODE<br>11) Program on PDE(Validation by suitable solver): Laplace equation<br>12) Program on Curve Fitting using Least square technique<br>13) Program on Interpolation<br>14) Program on Numerical Integration |

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|---|---|---|---|
| | | 11) Computer Aided Engineering Laboratory | 1) Demonstration of Application Programming Interface (API).<br>2) Stress and deflection analysis of Beam (FEA).<br>3) Stress and deflection analysis of2D truss (FEA).<br>4) Stress and deflection analysis of any Mechanical Component using FEA software and validate the results by analytical methods (FEA).<br>5) Tool path generation and simulation for Turning – Grooving and Threading with help of suitable software.<br>6) Tool path generation and simulation for Milling – Facing, Pocketing, Contouring and drilling,etc. with help of suitable software.<br>7) Case study on Rapid Prototyping - Exporting STL files from 3D CAD models, structure of STL files, etc.<br>8) Case study based on modeling and analysis of structural system (Industry Based) 9)Manufacturing of machine component using additive Manufacturing or Using CNCsimulatorsoftware. |
| | | 12) Computer Graphics Laboratory | 1) Construct any Engineering Curveby any method<br>2) Orthographic view of any machine element along with sectional view.<br>3) Draw Isometric views for given orthographic views.<br>4) Draw the development of lateral surface of a solid/ truncated solid<br>5) Draw the isometric or Orthographic view of a product /object |
| | | 13) Basic Mechanical Laboratory | 1) Models of BME |
| | | 14) Mechatronics Laboratory | 1) Temp Calibration Test Rig<br>2) Digital Multimeter |
| 4 | First Year Engineering | 1) Engineering Chemistry Laboratory | 1) pH Metry<br>2) Beer's Lambert's Law<br>3) Conductivity Titaration |
| | | 2) Engineering Physics Laboratory | 1) Newton's Ring<br>2) Ultrasonic Interferometer<br>3) He-Ne Laser Kit<br>4) Hall Effect<br>5) Solar Cell, Malus Law, EnergyBand Gap Complete setup |

Place : Pune
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|---|---|---|---|
| 5 | Workshop | Workshop | 1) Lathe Turnmaster -35 Make – Kirlosker (Qty.20<br>2) Three Jaw Chuck (Qty.20)<br>3) Radial Drill Machine & Piller type drilling 35mm<br>4) Grinder Machine Precision (Qty.1)<br>5) Capstan Lath Machine (Qty.1)<br>6) Horizontal Surface Grinder Machine (Qty.1)<br>7) Universal Milling machine (Qty.1)<br>8) Shaping Machine (Qty.1)<br>9) Arc welding Machine Make – Advani (Qty.1)<br>10) Desktop Computer Lenova Intel (Qty.3)<br>11) Welding Machine (Qty.1)<br>12) Gas Welding Set (Qty.1) |
| **6** | AIDS | IOT LAB | 1) Arduieno<br>2) Rasberry pie<br>3) Sesors |
| | | Data Science Lab | 1) Machine Learning Tools<br>3) Data ANALYTICS Tools<br>4) python<br>5) Anaconda,R Studio |
| | | Project Inovation Lab | 1) IOT Kits<br>2) Simulation kit |
| | | Operating System Lab | 1) C compiler<br>2) c++ compiler<br>3) UNIX opwerating System<br>4) Windows |
| **7** | **AIML** | Programming lab | 1.C compiler<br>2.C++ compiler<br>3.JAVA<br>4.Linux operating system<br>5.Mysql<br>6. Oracle |
| | | Innovation lab | 1.R tools<br>2.Anaconda |
| | | Machine learning lab | 1. Machine learning tools<br>2.Python |
| | | Computer Graphics lab | 1.Visual studio<br>2.Graphics libraries |

| | |
|---|---|
| Internet Bandwidth | 100 Mbps |
| Number and configuration of System | 250 |
| Total number of system connected by LAN | 250 |
| Total number of system connected by WAN | 250 |
| Major software packages available | **As given below** |

Place : Pune
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# COMPUTING FACILITIES

| Special purpose facilities available (e.g.Software, design tools, etc) | | |
|---|---|---|
| **Sr No** | **Department** | **Software, Design Tools Available** |
| 1 | Mechanical Engineering | 1) PRO/E WILDFIRE 4.0<br>2) MatLab 7.0 Common<br>3) MATLab 10 Common<br>4) ANSYS Software 13.0<br>5) Matlab 16 B Academic version<br>6) ANSYS Software 16.02<br>7) Master CAM X 9<br>8) Auto Desk Product AutoCAD 2009<br>9) Altair HyperWorks 125 Hyper<br>10) MSC ADAMS software<br>11) MATLAB R2014a<br>12) LCD Projectors<br>13) SAGA Board (smart board)<br>14) DB Meter for Noise Measurement<br>15) 3D Printer |
| 2 | First Year Engineering | **Chemistry Laboratory**<br>1) Muffle Furnace (degitial)<br>2) pH Meter, Degital,<br>3) Conductivity Meter, Digital<br>6) Colorimeter, Digital<br>7) PH Meter, Digital advance<br>8) Conductivity Meter, Digital advance<br>9) Colorimeter, Digital advance<br>10) High Precisin Balances, (Analytical Balance), Contech |
| | | **Physics Laboratory**<br>1) Ultrasonic Interferometer<br>2) CRO Aplab Make 25 Mhz<br>3) He-Ne Laser kit complete set up<br>4) Susceptibility Measurement set up<br>5) Michelsons interferometer<br>6) Quartz crystal complete set up<br>7) Ultrasonic Interferometer<br>8) Hall effect complete setup<br>9) Sound absorption coefficient comp setup<br>10) Sound level meter complet setup<br>11) He-Ne leser kit complet setup<br>12) Ultrasonic interferometer complete setup (for solid)<br>13) Malus law using photovoltaic cell complet setup<br>14) Ultrasonic interferometer complete setup (for liwuif)<br>15) Double refraction / determination R.Li identification of type of crystal complete setup |
| 3 | Production Engineering | 1) Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos.and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos.and eMplant- 02 Nos. )<br>2) Computer Software Autodesk Inventor Professional Edu. License<br>3) Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25user<br>4) Unigrahics 8.0 Cam Express (Simulation, Modeling,ToolPath Generation) 20 user<br>5) ANSYS Academic Teaching + CFD Version 16.2 for(25 user)<br>6) JASP- Version 2 (Janatics Animation Software & Pneumatics)<br>7) Systat Statistical Software -Version 12 |
| 4 | Workshop | 1) Lathe Turnmaster -35 Make – Kirlosker (Qty.202)<br>Three Jaw Chuck (Qty.20)<br>3) Radial Drill Machine & Piller type drilling 35mm<br>4) Grinder Machine Precision (Qty.1)<br>5) Capstan Lath Machine (Qty.1)<br>6) Horizontal Surface Grinder Machine (Qty.1)<br>7) Universal Milling machine (Qty.1)<br>8) Shaping Machine (Qty.1)<br>9) Arc welding Machine Make – Advani (Qty.1)<br>10) Desktop Computer Lenova Intel (Qty.3)<br>11) Welding Machine (Qty.1)<br>12) Gas Welding Set (Qty.1) |

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# INNOVATION CELL

ISBM COE has formed Institute Innovation council for start up- innovation activities. This council aims to support creating world class innovators and entrepreneurism along with graduation course of engineering. Through IIC our students as well as faculties are attending different online sessions and competitions like, SIH, National Innovation Contests, KAPILA -IPR and leadership program. With Innovation spirit we have arranged online (Covid 19) webinar series and online start up competition in Oct – Nov 2021.

Also we are providing incubation facilities with the state of the art physical infrastructure, in terms of capital equipments and operating facilities made available to their start-ups, coupled with the availability of sectoral experts for mentoring. Apart from this, business planning support, access to seed capital, industry partnerships, training and other relevant components required for supporting innovative start- ups will be provided. With this we achieved one successful start-up turned in registered company before completion of graduation in 2021-22.

# SOCIAL MEDIA CELL

Media is a gift of technology that provides us with the medium for mass communication. Communication tools used to store and deliver information or data. Social media plays an important role in every student‟s life. It is easier and convenient to access information, provide information and communicate via social media. Teachers and students are connected to each other and can make good use of these platforms. Platforms like Facebook, LinkedIn, Instagram, YouTube and Twitter are used by almost everyone. Print Media includes newspapers, weeklies, magazines, blogs, banners, graphics, posters and other forms of printed material. In order to effectively make of use of media, it has been decided to publicize our College events through social and print media

**Compliance of the National Academic Depository (NAD), applicable to PGCM / PGDM Institutions and University Departments.**

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# LIST OF FACILITIES AVAILABLE

| | |
|---|---|
| Games and Sports facilities | **Gymkhana organizes following events every year:**<br>1. **Annual Social gathering event „Orian":** Every year, the institute organizes an Annual Social Gathering and Excellence Award Ceremony "**Orian**". The students whose performance are excellent in various activities like academic, co-curricular, cultural and sports are awarded with trophy and certificate during the ceremony. During the function the cultural students organize the variety entertainment programe.<br>2. **„ORION": The Institute organizes Inter Collegiate sports and cultural fest for aspirants assembling from various engineering colleges with a high competitive spirit to participate with strong determination to include their achievements & accomplishments. Institute conducts an Inter – Collegiate Sports and Cultural Competition at every year named "KURUKSHETRA" (A Blend of Culturaland Sports events).**<br>3. **"Nande Premier League":** a state level Inter-Collegiate T 20 Cricket tournament on our College grounds for Professional Colleges like Engineering, Management, commerce<br>4. **Inter- Collegiate competition:** Since the establishment of the College, the gymkhana has been playing vital role in the overall development of the students. As a results, our students have earned applauds in the competitions at University, State and National level, prominent among them are Verve, Vedant, Purushottam Karandak , Firodiya Karandak , Crescendo, Milanze, Zest , Versatalia, MIT Summit, Sakal Karandak, Sarpotdar Karandak, Kaware Trophy etc. |
| Soft Skill Development Facilities | **Soft Skill Development Facilities** :<br>Soft skill development programme is a programme for overall development of the students, creating skills necessary for enhancing employability as well as entrepreneurial abilities of students. The programme covers lectures, work-shops and demonstrations by experts.<br>Therefore, well known personalitities from various fields are invited to share their experiences and success stories. This motivates students for their overall development.<br>Hence, every year college organizes seminars/workshops on soft skills development for the Third Year Students of Arts, Science and Commerce faculty.<br>The Soft Skill Development Programme covers the following aspects:<br>• Personality Development/ Soft Skill Development<br>• Interview skills and techniques.<br>• Stress management.<br>• Meditation<br>• Goal setting and time Management.<br>• Leadership Development.<br>• Communication skills.<br>• Presentation skills.<br>• Computer Awareness.<br>• Creative Thinking.<br>• Physical fitnes |

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# ENROLLMENT OF STUDENTS IN THE LAST YEARS

| Sr No | Branch | Sectioned Intake | 2022-23 |
|---|---|---|---|
| 1 | Computer Engineering | 90 | 90 |
| 2 | Mechanical Engineering | 60 | 6 |
| 3 | AIML | 60 | 55 |
| 4 | AIDS | 60 | 54 |
| 5 | Electronics and Telecommunication Engineering | 30 | 22 |
| **Total** | | **300** | **227** |

# LIST OF RESEARCH PROJECTS/ CONSULTANCY WORKS

| | |
|---|---|
| Number of Projects carried out, funding agency, Grant received | As given below |
| Publications (if any) out of research in last three years out of masters projects | As given below |
| Industry Linkage | As given below |
| MOUs with Industries (minimum 3) | As given below |

Place : Pune
**Date : 25 April 2023**

PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA
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(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# MOUS WITH INDUSTRY (ACADEMIC YEAR 2020-21)

| Sr No | Name of Industry | Date of MoUSigned | Valid upto |
|---|---|---|---|
| | Dynamisity Pvt.LTD | 04/11/2022 | 04/11/2023 |
| 1 | Zekelavs Technology Pvt Ltd | 12/02/2018 | Lifetime |
| 2 | Millionsmind | 27/09/2017 | 27/09/2022 |
| 3 | SOFTEAL | 17/10/2018 | 17/10/2023 |
| 4 | TVAMEVAHAM | 25/06/2016 | Lifetime |
| 5 | Gate tutor | 05/12/2017 | 5/12/2022 |
| 6 | DTF legal SERVICES | 04/05/2018 | Lifetime |
| 7 | BLUE PLANET | 18/07/2018 | Lifetime |
| 8 | IDP Education pvt ltd | 10/04/2018 | Lifetime |
| 9 | JSR Reasearch Laboratory | 11/07/2016 | Lifetime |
| 10 | M CAD SOLUTIONS | 05/05/2017 | 05/05/2022 |
| 11 | XENSTACK | 28/01/2019 | 28/01/2024 |
| 12 | HEd Expert Private Limited | 20/08/2021 | 20/08/2022 |
| 13 | TestoMeter | 20/08/2021 | 19/08/2026 |
| 14 | Mayur Enterprises,Pune | 28/08/2021 | 28/08/2026 |
| 15 | G TECH INDUSTRIES ,Pune | 28/08/2021 | 28/08/2026 |
| 16 | Mark Us 9 Infotech Pvt Ltd | 17/10/2018 | 17/10/2020 |
| 17 | WISDOM SPROUTS | 19/09/2017 | 18/08/2022 |

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Place : Pune
**Date : 25 April 2023**

(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# LOA AND SUBSEQUENT EOA TILL THE CURRENT ACADEMIC YEAR

| Sr No | Year | LOA / EOA approved letter No & date | Remarks |
|---|---|---|---|
| 1 | 2010 | | |
| 2 | 2011 | F.No. Western/1-454074581/2011//EOA, dated 01-09-2011 | |
| 3 | 2012 | F.No. Western/1-712666962/2012/EOA, dated 10-05-2012 | |
| 4 | 2013 | F.No. Western/1-1451694122/2013/EOA, dated 19-03-2013 | |
| 5 | 2014 | F.No. Western/1-2018844122/2014/EOA, dated 004-07-2014 | |
| 6 | 2015 | F.No. Western/1-2454129168/2015/EOA, dated 07-04-2015 | |
| 7 | 2016 | F.No. Western/1-2809586204/2016/EOA dated 30-04-2016 | |
| 8 | 2017 | F.No. Western/1-3322379793/2017/EOA, dated 10-04-2017 | |
| 9 | 2018 | F.No. Western/1-3508254344/2018/EOA, dated 10-04-2018 | |
| 10 | 2019 | F.No. Western/1-4266689970/2019/EOA, dated 30.04.2019 | |
| 11 | 2020 | F.No. Western/1-7001730517/2020/EOA, dated 15.06.2020 | |
| 12 | 2021 | F.No. Western/1-9321620131/2021//EOA, dated 01-07-2021 | |
| 13 | 2022 | F.No. Western/1-10981247088/2022/EOA, dated 01-07-2022 | |

# INCOME AND EXPENDITURE:

| Sr No | Income | 2020-2021 |
|---|---|---|
| 1 | Income From Central Govt | 0.00 |
| 2 | Income From UGC | 0.00 |
| 3 | Income From State Govt | 0.00 |
| 4 | Income From Other Bodies | 0.00 |
| 5 | Income From Student Fees | 61519888.00 |
| 6 | Income From Other/ Internal Revenue | 2473722.00 |
| 7 | Income From Donations | 0.00 |
| **Total Income** | | **63993609.00** |

| Sr No | Expenditure | 2020-2021 |
|---|---|---|
| 1 | Salary Teaching Staff | 17414032.00 |
| 2 | Equipment | 5000000.00 |
| 3 | Remuneration to Visiting/Guest | 153300.00 |
| 4 | Building Maintenance | 943633.00 |
| 5 | Salary Non-teaching Staff | 38681160.00 |
| 6 | Other Expenditure | 73479728.00 |
| 7 | Library | 97731.00 |
| **Total Expenditure** | | **42810128.00** |

Place : Pune
**Date : 25 April 2023**

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# BEST PRACTICES ADOPTED, IF ANY

## BEST PRACTICE-1 TITLE: ONE FACULTY ONE INDUSTRY DRIVE

**Objectives of the practice:** This practice is implemented to enhance association with relevantindustry for providing industrial exposure to the students and faculty. With the involvement of the entire faculty of the institute, following are the objectives set.

1. To organize visits to the industry for the students and faculty.
2. To organize expert lectures by industry person for the students and faculty.
3. To organize short term training programme by the industry for the students and faculty.
4. To encourage students for joining industrial internship during vacation.
5. To encourage students to undertake final year project in industry under the joint guidance of faculty and expert from industry.
6. To identify and sign memorandum of understanding with various industries for the mutual benefit.
7. To conduct human resource development programme by the faculty for industry personnel.
8. To establish linkage with various non government and government agencies.
9. To involve industry experts in need based curriculum development.
10. To offer consultancy and testing services to solve industrial problems.
11. To encourage faculty to undertake projects from industry.

**Context:** Industry is the major stake holder of technical institution. Continuous interaction between technical institution and industry is an essential requirement to enhance an employability of engineering graduates. ISBM College of Engineering has been in association with various industries and providing very good industrial exposure to the students. In implementing the various industry related activities, following aspects were required to be addressed.

1. To be in continuous association with the industry, it is necessary to have single point of contact from the department/ institute side.
2. It is required to identify industries from different areas of engineering for providing industrial exposure to the students and faculty as per their field of interest.
3. Involvement of the faculty in industry institute interaction activities is always beneficial in strengthening the teaching – learning process in the department/institute.

In this context, institute has initiated “One Faculty One Industry Drive”.

**Practice:** In this “One faculty One Industry Drive”, every faculty of each department has identified one industry for the purpose of Industry Institute Interaction. With this drive, interaction with the industry has improved a lot and students and faculty as well, getting benefitted. To coordinate this activity, Industry Institute Coordinates at department and institute level are appointed forming

Industry Institute Interaction committee. This drive has provided an opportunity to the entire faculty to have interaction with the industry as per their field of interest and the same has been resulted into association of department with wide spectrum of industries. Better interaction in between department and industry is possible because of the single point of contact from the department side. It helped the faculty to improve the interaction with industry (outside world). Interaction with industry helps faculty to provide real life problems, case studies to the students, especially in higher education institutes.

Evidences of success:

| Sr. No. | Nature of activity in association with industry | Number of activities in 1st two years |
|---|---|---|
| 01 | Industrial visits | 6 |
| 02 | Talk by industry expert | 15 |
| 03 | Industrial internship | 102 |
| 04 | MoU signed with industries | 18 |

PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA

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Date: 2023.05.15 14:27:26 +05'30'

Place : Pune
**Date : 25 April 2023**

(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

## BEST PRACTICE-2 : INNOVATIVE LIBRARY

**Objectives of the Practice**

1. To provide current library materials and databases that support the academic curriculum.
2. Broaden and update all collections to meet the needs of ISBM COE‟ all programs and support the various aspects of the institution: teaching, training, research and services.
3. Educate and assist college students and staff in the identification and effective use of information resources and enhance information literacy
4. To provide access to library resources and servers via web pages and online recourses, work closely with students and faculty to know their needs and interests.
5. To aware about economical, legal and social issues when using information, access and use information critically and legally.

**The Context:** Innovative Library is the most preferred activity for growth of the student as well as institutions. The main aim of this practice is to arrange various activities to develop reading habits among student which is beneficial for their overall development. Spread open access awareness between student and faculty. Main context of this activity is that how to bring the student and faculty to attend these activities from their academic schedule and make them aware about benefits of it.

**The Practices:**
Website created through open access source software to disseminate current information on various subjects to all the library users in time both online and physical.
**Link- http://ISBM COEcentrallibrary.weebly.com**

**NPTEL Local Chapter at College:-**
Institute Library has started NPTEL Local chapter at Institute level , Hard Disk of NPTEL contents, video lectures are installed in server and access provided through LAN.

Place : Pune
**Date : 25 April 2023**

(Authorized Signature)
**Dr. P. K. Srivastava**
Principal, ISBM COE, Pune

# RESULT - MAY – 2021 FINAL YEAR EXAMINATION:

The College students have appeared in Savitribai Phule Pune University examination (May-2022) and secured ranks.

| Sr No | Course Name | Total no of students appeared in final year | Total no of students passed /awarded degree | Out of total no of students pass with 60% or above | Parcentage of Result |
|---|---|---|---|---|---|
| **Under Graduate Course (UG)** | | | | | |
| 1 | Computer Engineering | 69 | 69 | 69 | 100% |
| 2 | Electronics and Telecommunication Engg | 13 | 13 | 13 | 100% |
| 3 | Mechanical Engineering | 97 | 97 | 97 | 100% |
| 4 | AIDS | NA | NA | NA | NA |
| 5 | AIML | NA | NA | NA | NA |
| | **Total** | **179** | **179** | **179** | 100% |

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Date: 2023.05.15 14:27:54 +05'30'

Place : Pune
Date : **25 April 2023**
(Mandatory Disclosure 2023-2024)

(Authorized Signature)
Dr. P. K. Srivastava
Principal, ISBM COE, Pune

# COLLEGE ORGANIZED PROGRAMME (SEMINAR, CONFERENCE, WORKSHOP, SYMPOSIA, ETC. STATE, NATIONAL INTERNATIONAL) :

# "F.E. ORIENTATION PROGRAM" A.Y.

# 2022-23

# ISB&M COLLEGE OF ENGINEERING, NANDE, PUNE

# VENUE:- MAIN AUDITORIUM, ISB&M, PUNE.

People's Empowerment Group

# ISBM COLLEGE OF ENGINEERING

S. No. 44/1, 44/1/2, Nande Village Tal: Mulshi, Pune – 412 115

## DEPARTMENT OF APPLIED SCIENCE (FIRST YEAR ENGINEERING)

**Name of Program/Activity:** Orientation Program for First Year Newly admitted students.
**Duration:** 5 Days

**Date:** 15th of November 2022

**Number of participant:** 478 Students and parents and with Teaching and non teaching faculty members of ISBM College of Engineering

**Start Date:** 15.11.2022 **End Date:** 19.11.2022

Participants: Students, Parents & Faculty Members of ISBM College of Engineering, Hon'ble Principal of ISBM College of Engineering, Dr.P.K.Srivastava ,Principal of College of Commerce ,ISB&M , Dr. Waman Naik, Dr.Veerendra Kumar Rai, Director, ISB&M Pune, Dr. Ravi Jaiswal Registrar, ISB&M Group..Dr. Pramod Kumar, President, ISB&M Group along with Guest of Honour ,Mr. Shashwat Mitra, Head, HR, KPIT and Chief Guest Dr. Manohar Chaskar, Dean – Faculty of Science & Technology, SPPU, Pune.

**INTRODUCTION ABOUT THE PROGRAM/ACTIVITY:**

The Orientation Programme is designed to welcome the fresh batch of our students at ISBM College of Engineering, Pune and it introduces them to the syllabus structure and importance of Engineering. It is a welcome to the beautiful campus & environment, which will propel their desire to let loose their personal boundaries for an active life and joyful companionship with new friends. It is a carefully crafted programme which is a blend of demanding professional commitment, information and an enjoyment towards learning as well.

**It aims to:**

- Build student's perspective towards industry and professional career in Engineering.
- Provide opportunity to interact with accomplished leaders from high profile industry. Students often choose some of them as their Role model for a good professional endeavour.
- Set a new standard in aspiration, professional discipline and life.
- Above all indulge in ISB&M way of life from day one. Rediscover themselves with a brand new perspective

When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. An Orientation Programme is a significant process for bringing students into the Institute & provides an introduction to the working & curricular environment inside the institute. It is intended to invoke the student to be a all rounder, integrated member of college because we believe that it is essential to understand that how to march towards goal of becoming quality engineer. The major objective of the program was to make the parents and students aware of the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students. This year also, we organized Orientation Program for all FE students who got admission as a new batch on 15th of November 2022, at Auditorium of ISB&M. Mainly students are introduced about the overall culture and code of conduct of the college.

## INAGURATION,WELCOMING & FELICITATION

After registration of students and National Anthem , the program was inaugurated at 11 a.m. with the lighting of the lamp by the Chief Guest Dr. Manohar Chaskar, Guest of Honour , Mr. Shashwat Mitra, Head, HR, KPIT, Dr. Pramod Kumar, President, ISB&M Group and other dignitaries.The students from Second Year Engineering Miss. Sanika Gaikwad and Gaurav Waghmare welcomed all students and their parents, all the dignitaries and also briefed about the objectives of the program and the vision of the ISBM College of Engineering, Pune.

After the welcome speech, Hon'ble Dr. Pramod Kumar, President, ISB&M Group facilitated Chief Guest and Guest of Honour Hon'ble Principal, Dr. Pankaj Kr. Srivastava facilitated all all the dignitaries on the dice and gave everyone a warm welcome.


**GLIMPSES OF INVOCATION & LIGHTING OF LAMP**

**GLIMPSES OF FELICITATION OF CHIEF GUEST BY PRESIDENT DR. PRAMOD KUMAR**

**GLIMPSES OF FELICITATION OF GUEST OF HONOUR BY PRINCIPAL DR. P.K.SRIVASTAVA**


**GLIMPSES OF FELICITATION OF DR.VEERENDRA KUMAR RAI , DIRECTOR, ISB&M BY DR. P.K.SRIVASTAVA**

## ADDRESS BY KEYNOTE SPEAKERS

Hon'ble Principal Dr. Pankaj Kr. Srivastava his brief address to the students and parents, expressed delight over the fact that ISBM College of Engineering crossed remarkable percentage of admission with high percentage of meritorious students and the Institute had already become a much sought after institution for engineering studies in the Pune region. He also reiterated the Management's commitment to elevate the Institute to the status of one of the best engineering colleges in the Pune within the shortest time possible and he sought the cooperation and support of the parents for same. He discussed about all facilities provided by ISB&M such as library, Wi-Fi, landline internet, facilities in hostel and in campus. Sir appealed students to use these facilities effectively and efficiently for their academic growth and all round development. students and explained the importance of Practical Implementation of Engineering concepts and also shared vision, mission and future planes in ISBM College of Engineering.

Hon'ble President, Dr. Pramod Kumar welcomed the students and parents to the campus. He talked about his vision, mission and future planes and campus life. Multiple notable alumni of ISB&M. President Sir talked about the placement activities carried out by the Institute. The students were also briefed about the required skills to develop competencies in accordance to the current job market. He guided students to focus on their overall development in technical skills, non-technical skills, and aptitude skills in addition to the academics co-curricular and extracurricular activities, and facilities provided to the students.


**GLIMPSES OF ADDRESS BY - PRINCIPAL OF ISBM COLLEGE OF ENGINEERING DR. P.K.SRIVASTAVA**

**GLIMPSES OF ADDRESS BY – PRESIDENT ISB&M , DR. PRAMOD KUMAR**

Hon'ble Principal of College of Commerce ,ISB&M Dr. Waman Naik welcomed the students and parents. He congratulated the newly admitted engineering students. He congratulated Principal Dr. Pankaj Kr. Srivastava for the high percentage of admission with high percentage of meritorious students. He also appreciated the efforts taken by Principal Dr. Pankaj Kr. Srivastava and all the professors and non teaching staff members of ISBM College of Engineering. He talked to the students some useful aspects of life as a student and as a human being. These aspects are setting of goal in life, positive energy inside the student, self discipline & friendship.

**GLIMPSES OF ADDRESS BY – PRINCIPAL ISB&M COC, DR. WAMAN NAIK**

The Chief Guest, Dr. Manohar Chaskar, Dean – Faculty of Science & Technology, SPPU, Pune talked transformative reform in school and higher education system by launching the New National Education Policy (NEP) on 29th July 2020. After the old national education policy which was launched way back in 1986, this is the first education policy of 21st century that has replaced 34 years old education policy. The new NEP is based on four pillars which are Access, Equity, Quality, and Accountability. He talked about implementation of Academic Bank of Credits (ABC). Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. He appealed to the professors about development of skill based teaching and learning. He talked about overall improvement of student within four year journey of engineering as well as how to develop personality, communication skill & interview skill.


**GLIMPSES OF ADDRESS BY – CHIEF GUEST , DR. MANOHAR CHASKAR**

Guest of Honour, Mr.Shashwat Mitra, Head, HR, KPIT shared his experience of Engineering life and journey of his career by telling short stories as well as how he have developed his communication skill. He also explored the possibilities for students to become employable after engineering as well as impact of studying engineering in personal and family life and to apply same knowledge in societal needs. He welcomed all student and their parents & described some useful aspects of life as a student and as a human being. These aspects are setting of goal in life, positive energy inside the student, self discipline & friendship.


**GLIMPSES OF ADDRESS BY –GUEST OF HONOUR, MR.SHASWANT MITRA**


**GLIMPSES OF VOTE OF THANKS BY –DR.RENUKA SARAOGI**

The inauguration program was concluded with vote of thanks given by Dr. Renuka Saraogi, Professor, ISBM College of Engineering, Pune. The program was concluded 1 pm.

After the lunch break from 1pm-2.30 pm interactive session from 2:30 pm – 3:30 pm was conducted by Hon'ble Principal Dr. Pankaj Kr. Srivastava with newly admitted students and their parents.


**GLIMPSES OF INTERACTION OF PARENTS WITH PRINCIPAL DR. P.K.SRIVASTAVA**

He explained the students the main objective behind orientation program was to kindle the minds of freshers and to bridge the gap among the students as well as between the professors and the students, ensuring a smooth communication between them. The program also helps to familiarize the new students and their parents with the University, Institute and practices to be followed. He answered all the questions asked by students and parents.


**GLIMPSES OF INTERACTION OF PARENTS WITH PRINCIPAL DR. P.K.SRIVASTAVA**

**GLIMPSES OF INTERACTION OF PARENTS WITH PRINCIPAL DR. P.K.SRIVASTAVA**

**DAY 2 – 16 th November 2022, Wenesday**

**The 2nd Day of orientation program was started at 11 am with - Talk on, "Understanding language for building truly intelligence systems." by guest speaker Mr. Girish Palshikar.**

The session was conducted in online mode.

Mr. Girish Palshikar is currently holding position of principal scientist at TCS Mr. Girish Palshikar is an alumnus of IIT Bombay and IIT Madras. Since 1992, he is working in TCS Research, Pune, where he is now a principal scientist and leads the Machine Learning R&D Group.

He talked to students that I feel strongly bad about frauds, scams, corruption and money laundering because they steal money, goods, and services from people. I studied share market trading frauds, such as circular trading and price manipulation, and realized that there were no techniques to detect them. Hence, I designed several unsupervised ML algorithms for this purpose. He told students to know your strengths and your weaknesses. Play to your strengths. Learn + practice to reduce your weaknesses. Motivate yourself with a larger and long-term context (or a question) that interests you a lot. AI for poverty eradication? AI for reducing hunger? AI for a just society? AI for reducing wars or social conflicts? AI for an absolutely new kind of music? Pick your battle! Such social problems will not have purely technological solutions, of course, but AI can certainly try to help. That way, many interesting discoveries will be made. The session was ended at 11:30 am with question and answer session.


**GLIMPSES OF ONLINE SESSION BY MR. GIRISH PALASHIKAR**

**The 2nd Session of 2nd Day of orientation program was started at 11:45 pm Talk on "Importance of Effective Communication"** by **Prof. Neha Saxena, Faculty, ISB&M College of Commerce, Pune**.

Prof. Neha Saxena. is currently working as a visiting faculty with some of the premier institutions of Pune including Pune University MBA dept. PUMBA, ISB&M college of commerce, Pune.
She explained the students that Effective Communication in English is a must for all the students aspiring for a bright future. Sadly, the students don't realize this until it's too late. A little study and practice from present day can make them a virtuoso in the English language and master the art of communicating effectively.


**GLIMPSES OF SESSION ON IMPORTANCE OF EFFECTIVE COMMUNICATION BY PROF. NEHA SAXENA**

After the lunch break next session was conducted at 2.30 pm by Dr. Renuka Saraogi , Assistant Professor in First Year Engineering Department on "Introduction to the **Academic Programme."** She explained students about credit based educational system, Syllabus structure of First year Engineering, subjects to be studied in I and II semester. Dr. Renuka Saraogi explained that Every Student should appear for Engineering Physics, Engineering Chemistry, Engineering Mechanics, Basic Electrical Engineering, Basic Electronics Engineering, Programming and Problem solving during the year. In semester examination of 30 marks and End semester examination of 70 marks will be conducted for all subjects .Minimum number of required Experiments/Assignments in PR/ Tutorial shall be carried out as mentioned

in the syllabi of respective subjects. Assessment of tutorial work has to be carried out as term-work examination.

Term-work Examination and Practical Examination at first year of engineering course shall be internal continuous assessment only. Examination has to be conducted at the end of Sem I & II respectively for award of grade at college level. Grade awarded for audit course shall not be calculated for grade point & CGPA.

After this session HODs and Incharges of all departments Applied Sciences, Computer, AIDS, AIML, Mechanical and E&Tc introduced themselves to the students. The program was concluded at 4 pm.

**DAY 3 – 17 th November 2022, Thursday**

**The 3rd Day of orientation program was started at 11 am with - Talk on, "Decision Theory & Bayesian Networks"** by **Dr. Biswajit Mahanty, [Ph. D. (IIT Kharagpur)] IIT Kharagpur.**

**Dr. Biswajit Mahanty** has obtained his B. Tech (Hons) degree in Mechanical Engineering, M.Tech and PhD

degrees in Industrial Engineering and Management from IIT Kharagpur. He has a varied professional career with over six years of Industrial experience and more than 30 years of teaching, research, and industrial consulting work experience He explained about Bayesian Networks (BNs) have been broadly applied to decision-making problems in a wide variety of fields because they combine the benefits of formal probabilistic methods, understandable easily visual form, and efficient computational tools when exploring consequences and risks. Bayesian decision theory refers to the statistical approach based on tradeoff quantification among various classification decisions. The session was ended on 12.30 pm.


**GLIMPSES OF ONLINE SESSION BY DR.BIHWAJIT MAHANTY**

**The 2nd Session of 2nd Day of orientation program was started at 02:30 pm**: Talk on, "**Campus Life"** by **Dr. Pramod Kumar, [Ph. D. (IIT Mumbai)] President, ISB&M Group.**

Our President, Dr. Pramod Kumar has pursued his Ph.D. In Organizational Behavior from IIT Bombay. An Internationally-Quoted Scholar, He has Formerly Been with IIM Ahmadabad. He is the Former Chairperson in XLRI Jamshedpur, And Former Director in Symbiosis Institute of Business Management, Pune. He has been a Consultant to Over Eighty Companies Worldwide and An author of over 100 Research papers, cases and management Games. His Research Is Quoted Internationally in Textbooks And Journals. Dr. Pramod Kumar has also served on various Govt. of India Committees on Management Education.

In his talk Dr. Pramod Kumar said "Decisive moments and actions Shape your education at ISB&M. Such moments also signify that you are inclined and ready to assume business leadership role within an ever growing, ever-changing world." He explained to student culture of ISB&M. He said to students that now you are adults and take your own responsibly. He explained his vision, mission and future planes. He talked about placement activities in ISB&M and multiple notable alumina of ISB&M. The session was concluded at 4 pm.

**GLIMPSES OF SESSION BY DR.PRAMOD KUMAR**

**DAY 4 – 18 th November 2022, Friday**

**The 4th Day of orientation program was started at 10 am with** Session 1 - Talk on **"Learning as Foundation of Career: The role of Skills Vs Knowledge Vs Understanding"** by **Dr. Swaminathan Natarajan, [Ph.D. (University of Illinois Urbana-Champaign)] Systems Researcher, TCS.**

He explained that gaining knowledge and putting it into practice is fundamental to learning, and the most effective way to learn is to build upon what you already know. Traditionally, education has followed the path to greater knowledge, but as skill gaps emerge, teachers must find new ways to address them. Most educators today advocate for greater balance between knowledge and skills-based learning. But to teach effectively, it's essential to understand the differences between these two methods. It's also important to know how to implement them in a way that most benefits students.

He talked further that Knowledge is the theoretical understanding of something, which is acquired through lectures and textbooks. Knowledge-based learning, therefore, refers to reading, listening, and watching to obtain the information needed before progressing to the next stage of learning. Skills can be acquired by doing and the best way to master something is through regular practice or trial and error. Skill-based learning aims to build upon knowledge by developing practical expertise in a particular area. The session was ended at 11.30 am.

Session 2: was started on 11:45 am , Talk on **"Exciting Future Opportunities in IT World & How to Prepare Yourself for the Same"** by **Mr. Tushar Kakade, Global Head of Fixed Income Data Management & Asset Services Technology, HSBC .**

He explained to students that they can find 14 of the best jobs and industries of the future. Most of these roles are already available today, but they're tipped to stay relevant for many more years. Many of the jobs of today that will not exist in the coming decades revolve around the retail industry. The technology involved in replacing these jobs

will create thousands if not millions of new jobs that are not even comprehensible right now. Ultimately, big leaps in technological advancements will create exciting new jobs, but may also create a huge gap between social classes and cause tensions that haven't been seen yet in society. The session was ended at 1.15 pm.

Session 3: was started on 2.30 pm Talk on **"Systems Thinking"** by **Dr. Virupaxi Bagodi , [Ph. D. (IIT Kharagpur)] Government Engineering College, Haveri.**

He explained that it's important to remember that the term "systems thinking" can mean different things to different people. The discipline of systems thinking is more than just a collection of tools and methods – it's also an underlying philosophy. Many beginners are attracted to the tools, such as causal loop diagrams and management flight simulators, in hopes that these tools will help them deal with persistent business problems. But systems thinking is also a sensitivity to the circular nature of the world we live in; an awareness of the role of structure in creating the conditions we face; a recognition that there are powerful laws of systems operating that we are unaware of. The session was ended at 4.0 pm.

**GLIMPSES OF SESSION**

**DAY 5 – 19 th November 2022, Saturday**

The 5th Day of orientation program was started at 10 am with Yoga and Meditation Session. It was conducted by Mr. Prasanjeet Bhattacharya in the main auditorium of ISB&M.

Meditation & Yoga that may lead to good mental health, Physical health, discipline and concentration, which are utmost needed for pursuing Engineering Education.

After this session all the students participated in outdoor games like football, cricket etc. on the playground. Games and sports are an integral part of a student's life. A student should study hard to be successful in competitive examinations. But, he should also play games and sports to enjoy the health and vigor of life. Reading and writing involve mental strain. The mind then hungers for relief. Reading and writing also involve physical strain. The physique then needs extra fuel. Regular participation in outdoor games in such cases makes the body fit and at the same time gives the relief required. "Sound mind in a sound

body" is an unavoidable necessity for all, particularly for a college-going boy or girl


**GLIMPSES OF YOGA & MEDITATION SESSION**


**GLIMPSES OF YOGA & MEDITATION SESSION**


**GLIMPSES OF STUDENTS & FACULY MEMBERS OF ISB&M**

**STUDENT's RESPONSE:**

The students actively participated in the lectures and were very enthusiastic. They gave over whelming response to the lectures and were instrumental in activities done during these lectures. They were very happy and motivated.

Most of them came in front, expressed their views and thanked the faculty members and trainers..

**OUR COMMITMENT:**

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5. We are committed towards making grooming the institute and producing Entrepreneurs rather than producing Engineers.

**OUTCOME OF PROGRAM/ACTIVITY:**

The following points were the outcome of the Orientation Program.

- Welcome new students and parents and familiarize them with the culture, values and traditions of ISBM College of Engineering.
- Provide information on campus resources and support services that are vital to successful transition and academic success;
- Introduce students to the broad curricular and co-curricular programs available to them;
- Familiarize students with ISB&M Intranet, email and online services, library and the physical surroundings of the campus;
- Provide various opportunities for new students to have FUN, interact with their peers, feel excited about their academic life and integrate into ISB&M's community.
- Align new students' goals and expectations with ISBM COE academic expectations and learning outcomes;
- Help students understand their own potential and challenges;
- Develop within students a sense of responsibility and ownership of their education and inform students of the rights and responsibilities associated with being a member of ISB&M Community

**INTRODUCTION ABOUT THE PROGRAM/ACTIVITY:**

The Orientation Programme is designed to welcome the fresh batch of our students at ISBM College of Engineering, Pune and it introduces them to the syllabus structure and importance of Engineering. It is a welcome to the beautiful campus & environment, which will propel their desire to let loose their personal boundaries for an active life and joyful companionship with newfriends. It is a carefully crafted programme which is a blend of demanding professional commitment, information and an enjoyment towards learning as well.

**It aims to:**

- Build student's perspective towards industry and professional career in Engineering.
- Provide opportunity to interact with accomplished leaders from high profile industry.

Students often choose some of them as their Role model for a good professional endeavour.

- Set a new standard in aspiration, professional discipline and life.
- Above all indulge in ISB&M way of life from day one. Rediscover themselves with a brand new perspective

When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. An induction program is a significant process for bringing students into the Institute & provides an introduction to the working & curricular environment inside the institute. It is intended to invoke the student to be a all Rounder, integrated member of college because we believe that it is essential to understand that how to march towards goal of becoming quality engineer. This year also, we organized InductionProgram for all FE students who got admission as a new batch for A. Y. 2022-23, at Auditorium of ISBM. Mainly students are introduced about the overall culture and code of conduct of the college.

## CONCLUSION OF INDUCTION PROGRAM & FELICITATION

After registration of students and National Anthem, the event started with lighting the lamp and garlanding the portrait and offering flowers to the goddess of knowledge, Saraswati. Dr. Renuka Saraogi, HOD , First Year Engineering welcomed all students and their parents and also briefed about the objectives of the program and the vision of the ISBM College of Engineering .

After the welcome speech Hon'ble Principal, Dr. Pankaj Kr. Srivastava facilitated all the guests on the dice and gave everyone a warm welcome.

## ADDRESS BY KEYNOTE SPEAKERS

Hon'ble Principal Prof. (Dr.) Pankaj Kr. Srivastava not only explored the idea about rules and regulation of institute but also gave valuable guidance about carrier in engineering. He discussed about all facilities provided by ISBM such as library, Wi-Fi, landline internet, facilities in hostel and in campus. Sir appealed students to use these facilities effectively and efficiently for their academic growth and all round development. They also shared vision, mission and future planes in ISBM COE. He motivated the students and explained the importance of Practical Implementation of Engineering concepts and explained why Innovation is important in today's world as well as he guided students about Artificial Intelligence and its future demand.


**GLIMPSES OF ADDRESS BY - PRINCIPAL, ISBM COE - DR. P.K.SRIVASTAVA**

Hon'ble President, Dr. Pramod Kumar welcomed the students to the campus. He gave valuable guidance about how to prepare for aptitude as well as he suggests students to improve utilize maximum time to read, write for enhancing branch as well as subject knowledge, communication skill and knowledge of mathematics. He explained about ISBM Campus life, placements of ISBM and how ISBM is different from other educational institutes. He told that students admitted are mature enough to take responsibility of their life. He also addressed to parents not to treat their ward as a child.

**GLIMPSES OF ADDRESS BY - HON'BLE PRESIDENT, DR. PRAMOD KUMAR**

The Chief Guest , Chief Guest Mr. Anand Kajale, Managing Director Tristone talked about overall improvement of student within four year journey of engineering as well as how to develop personality, communication skill & interview skill. He shared his experience of Engineering life as well as how he have developed his communication skill. He also explored thepossibilities for students to become employable after engineering as well as impact of studying engineering in personal and family life and to apply same knowledge in societal needs. He also focused on implementation of engineering knowledge for solving problem of society.

The Principle of COC, ISB&M Dr. Vaman Naik welcomed all student and their parents. In his view students are admitted in engineering for knowledge, financial security and prestige. He alsosuggest student to focus on fundamentals in first year, in second year he suggest to become an become an engineer, in third year focus on career after engineering and last year one must be ready for career by getting opportunity.


**GLIMPSES OF ADDRESS BY - PRINCIPAL, ISB&M COC – Dr. VAMAN NAIK**

Dr. Renuka Saraogi, HOD, First Year Engineering welcomed all student and their parents & described some useful aspects of life as a student and as a human being. These aspects are settingof goal in life, positive energy inside the student, self discipline & friendship. He also expressed progress of department till today. He discussed with student about how to study, and get a glorious success in four years of engineering degree.

The programme was concluded with vote of thanks Dr. Suman Mishra, Professor, ISBM College of Engineering, Pune.

After end of 1st Day Welcome Programme, further programme was conducted in online and offline mode due to Covid restrictions. 60 % students joined this programme in online mode.

Different programmes were arranged from 03/11/2022 to 09/11/2022, for upgrading the engineering knowledge of students, building communication skills, leadership qualities, social awareness, campus life , to improve outbox thinking and decision making.

| | | |
|---|---|---|
| **DAY 2** | | |
| **January 3 Monday** | 11 am - 12:30 pm | Session 1: Talk on **"Thinking Beyond Engineering"** by **Dr. Ashish Jha, Associate Professor & Director, Trinity College, Dublin, Ireland.** |
| | 2 pm - 3:30 pm | Session 2: Talk on **"Importance of Effective Communication"** by **Dr. Suman Mishra, Faculty, ISBM College of Engineering, Pune.** |
| | 3:45 pm – 5 pm | Session 3: Talk on **"Decision Theory & Bayesian Networks"** by **Dr. Biswajit Mahanty, [Ph. D. (IIT Kharagpur)] IIT Kharagpur.** |
| **DAY 3** | | |
| **January 4 Tuesday** | 11 am - 12:30 pm | Session 1: Talk on **"Rediscovering Our Creative Selves"** by **Prof. Sudhir Vardarajan, IITDM, Chennai.** |
| | 12:45pm - 2:15 pm | Session 2: Talk on **"Campus Life"** by **Dr. Pramod Kumar, [Ph. D. (IIT Mumbai)] President, ISB&M Group.** |
| **DAY 4** | | |
| **January 5 Wednesday** | 10 am – 11:30 am | Session 1: Talk on **"Impact of Emerging Technologies on Today's Industry Scenario"** by **Dr. P. K. De, [Ph. D. (IIT Kharagpur)] Executive Director, ISB&M Group.** |
| | 11:45am - 1:15 pm | Session 2: Talk on **"Leadership Principles"** by **Mr. Anand Kajale, Managing Director, Tristone.** |
| | 2 pm – 3:30 pm | Session 3: Talk on **"Understanding Language for Building Truly Intelligent Systems"** by **Mr. Girish Palshikar, Principal Scientist, TCS.** |
| **DAY 5** | | |
| **January 6 Thursday** | 10 am – 11:30 am | Session 1: Talk on **"Innovations"** by **Mr. Akshay Kurhe, Functional Architect, Accenture.** |
| | 11:45am – 1:15pm | Introduction to the **Academic Programme.** |
| | | Introduction of all the HODs and Incharges. |
| | | Announcements of Class Divisions and Class Schedules. |

## OBJECTIVES OF THE EVENT

Normally, an induction program constitutes introduction to the institute & the curriculum, but this time, we have tried to provide a platform for inducing the mind set of students by emphasizing on:

1. **Introductory Lectures by all H.O.D. and Deans:**
   All the Heads of the department introduced themselves and their faculty members. They also gave vital information regarding their branch, various fields of potential research andrecent trends in technology advancement.

2. **The Power Of Engineering:** The concept behind engineering which is considered the base for development of National Economy. Topics like "What is engineering?", "RecentTrends in Engineering" and "Future after Engineering" were the topics that were covered at length during the session.

3. **Counseling & Guidance:** First Year students are admitted to an Institution from various background with lot of differences with reference to their financial status, social status, their academic accomplishments, learning style, learning speed & discipline. Counseling & Guidance was done to take care of this heterogeneity. Counseling was done with a view to augment their academic performance.

4. **Stress Management:**
   Engineering Education requires hard work & devotion which many students are not able to cope-up with the excessive academic work load and they start suffering because of the stress. Stress Management Techniques trains them to deal with Work Induced Stress and improve their Academic performance. Also, the students learned to be comfortable to thenew environment.

5. **Soft Skills & Personality Development:**
   Soft skills are learned behaviors which require training and focused application. Soft skills will enable students with a strong conceptual and practical framework to build, develop and manage teams. They play an important role in the development of the students' overall personality, thereby enhancing their career prospects. Training in soft skills provides strong practical orientation to the students and help them in building and improving their skills in communication, the effective use of English, business correspondence, presentations, team-building, leadership, time management, group discussions, interviews and interpersonal skills. It also helps students in career visioning and planning, effective resume writing and dealing with placement consultants and head hunters.

6. **Importance of Sports:**
   Games and sports are an integral part of a student's life. A student should study hard tobe successful in competitive examinations. But, he should also play games and sports toenjoy the health and vigor of life. Reading and writing involve mental strain. The mindthen hungers for relief. Reading and writing also involve physical strain. The physique then needs extra fuel. Regular participation in outdoor games in such cases makes thebody fit and at the same time gives the relief required. "**Sound mind in a sound body**" isan unavoidable necessity for all, particularly for a college-going boy or girl.

7. **Training & Placement Activities:**
   We explained the students regarding the role of Training & Placement Activity. She encouraged students for giving "**Good Academic Performance**" and also demonstrated the importance of "**Effective Youth Entrepreneurship Education**". We also explained students regarding the roles and skills that are essential for getting a good placement opportunity.

**STUDENT's RESPONSE:**

The students actively participated in the lectures and were very enthusiastic. They gave over whelming response to the lectures and were instrumental in activities done during these lectures. They were very happy and motivated. Most of them came in front, expressed their views and thanked the faculty members and trainers.

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- Inform students of the rights and responsibilities associated with being a member of ISB&M Community.

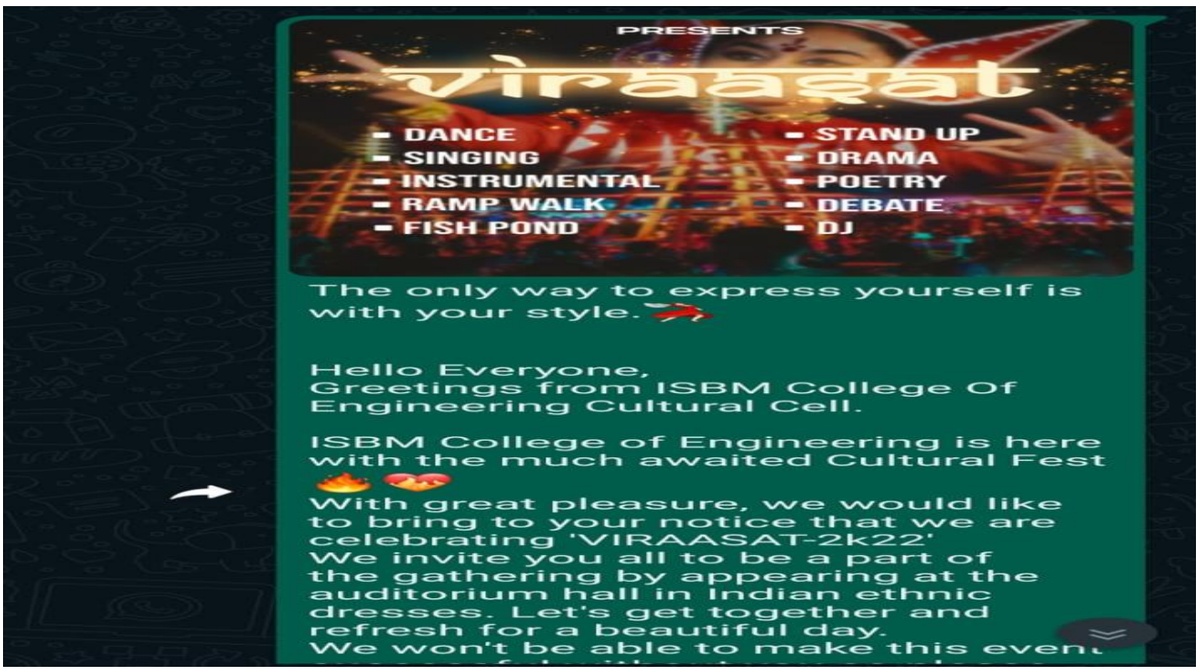
# SPORTS : REPORT OF SPORTS ACTIVITIES 2021 -2022

**Gymkhana:**. Gymkhana plays a pivotal role in over all development of students. Gymkhana provides a platform to students to explore their potentials in extra and co-curricular activities in several cultural and sports areas. Students of all departments take active participation in various activities conducted through gymkhana. Gymkhana also motivates and supports the students to participate in sports and cultural activities of high repute outside the College. Our College students participates in various sports and cultural events organized by various colleges.
Gymkhana organizes following sports events every year:

- **Inter – Collegiate Sports and Cultural Competition at Inter – Engineering College level „VIRASAT"**: ISBM COEorganizes Inter Collegiate sports and cultural fest for aspirants assembling from various engineering colleges' witha high competitive spirit to participate with strong determination to include their achievements & accomplishments. Our Institute conducts an intercollegiate event every year named **"VIRASAT" (A Blend of Cultural and Sports events)**. **VIRASAT** is an Annual Sports and cultural event which is the 8$^{th}$ event in succession. It does include sports events like Box Cricket, Volley ball, Kabaddi, Chess, 5-A Side Football and cultural events like DJ War, Band competition, Dance, Singing, Poetry, Painting and Elocution. Students from different institutions participate enthusiastically in every activity. The dates for the events are from 10$^{th}$ Feb to 11$^{th}$ Feb, 2021. The event has successfully attracted almost 2000 students from various Institutes.

We Circulate Invitation to Students, Faculty Members and Teaching and Non Teaching Staff before 7 Days, to plan accordingly**.**

**2.** Adverstisement:-
event carry out through poster, banner, promplate, meetings etc.




**3**. Venue of event
Generate google form for interst, sharae link google to fill the form, circulate etc.
Isbmcoe auditorium
4. Finalliaze day and date of event
date:- 01/3/2023
day:- saturady
5. Activities decide and conducted through virasaat
6. Performances schdeuled for practice
7. Selection of speeches, songs, dance, poetry, etc

Execution of program and activities
”virassat”
1: singing
Partcipent perform under this activity like solo, duet and group.
Classiacl, bollywood, welcome song etc.
6-7 partcipents shows there talent.

2. Dance
Partcipent perform under this activity like solo, duet and group dance.
Classiacl, bollywood, various themes under traditional songs.
6-7 partcipents shows there talent.

3. Drama
4. Traditional walk:-
Inside these activity students shows different culture and tradition of India using attire.

5. Poetary, skteches, mono act
Here students shows there talent in sketches, poetray, mono act, instruments etc.

Conclusion:-through this virasaat, we imparted different cultural activities, towards students to explore their knowledge, social balance, keep the interest to the next generation.
We conclude that successful organizing and execution of ‘virasaat ‘has been done, students shows their active participations, enjoyment and learning from this event.

# Glimpess of event Orion

**Deep prajawaln Lamp lgnining**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g, Pune
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OGAMME
ACCREDITED WITH GRADE
B++
NAAC
DTE Code
EN6622


Peoples Empowerment Group
ISBBM

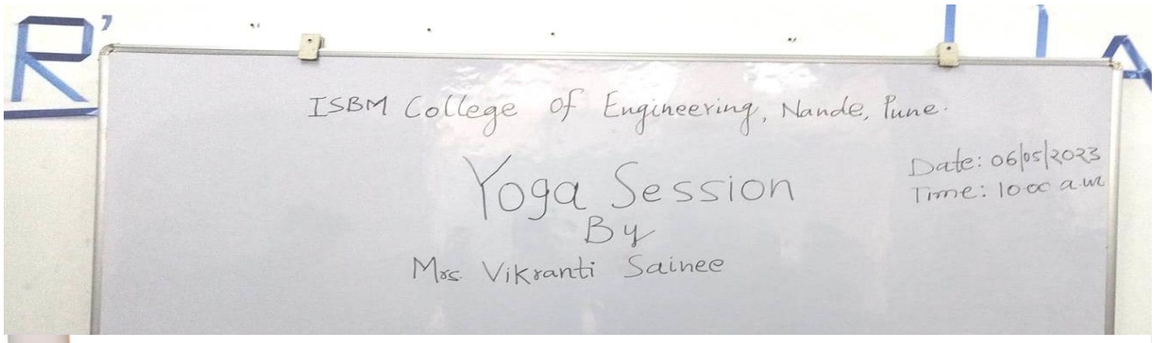
# YOGA WEEK-2023

, 06/05/2023 at 10.00 a.m. in Yoga Hall, ISBM College of Engineering, Nande, Pune has organized Yoga Session for all the teaching and non-teaching staff.

In today's day to day life how Yoga is helpful to all human being. Yoga and meditation is very helpful to reduce stress, illness and keep our health always good and fresh. So, Yoga is very important in our day to day activity.

**"YOGA FOR ALL"**

**"DO YOGA EVERYDAY… STAY HEALTHY FOREVER"**





PANKAJ KUMAR KAMLESH KUMAR SRIVASTAVA

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