



Ministry of Education  
Government of India



# Certificate

**NATIONAL INSTITUTIONAL RANKING FRAMEWORK**

**INDIA RANKINGS 2022**

**P E S College of Engineering, Mandya  
Ranked 137 in Engineering Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA





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**INDIA RANKINGS 2021**

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# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhasham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaind.org



File No. 25-93-2010-NBA

Dated: 28.05.2020

To

The Principal  
PES College of Engineering,  
Mandya-571401, Karnataka

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier-I offered by PES College of Engineering, Mandya-571401, Karnataka.

Sir,

This is regarding Compliance Report submitted by PES College of Engineering, Mandya-571401, Karnataka for the UG Engineering programs which were provisionally accredited by NBA in Tier-I for academic years 2017-18 to 2019-20 whose validity is expiring on 30.06.2020.

2. An Expert Team conducted data verification of the programs on 21<sup>st</sup> February, 2020. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

| Sl. No. | Name of the Program(s) (UG)             | Basis of Evaluation | Accreditation Status | Period of validity  | Remarks   |
|---------|---|---------------------|----------------------|---|---|
| (1)     | (2)                                     | (3)                 | (4)                  | (5)   | (6)   |
| 1.      | Electronics & Communication Engineering | Tier-I              | Accredited           | Academic Years 2020-2021 to 2022-2023 i.e. Up to 30-06-2023 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier |
| 2.      | Civil Engineering                       |                     | Accredited           |   |   |
| 3.      | Mechanical Engineering                  |                     | Accredited           |   |   |
| 4.      | Automobile Engineering                  |                     | Accredited           |   |   |
| 5.      | Information Science & Engineering       |                     | Accredited           |   |   |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

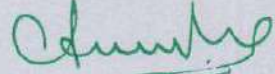
4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to PES College of Engineering, Mandya-571401, Karnataka as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programs accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd/-



5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
7. A copy each of the Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

**Ends:** Copy each of the Report of the Visiting Team in respect of the programs.

Copy to:

1. The Registrar  
Visvesvaraya Technological University,  
Jnana Sangama, Belagavi- 590018  
Karnataka
2. The Commissioner,  
Director of Technical Education  
Tantrika Shikshana Bhavana  
Palace Road, Bangalore- 560001
3. Accreditation File
4. Master Accreditation file of the State



## राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

# *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council*

*on the recommendation of the duly appointed*

*Peer Team is pleased to declare the*

*P. E. S. College of Engineering*

*K. V. Shankaragowda Road, Dist. Mandya, affiliated to University of Mysore and  
Visvesvaraya Technological University, Karnataka as*

*Accredited*

*with CGPA of 2.99 on seven point scale*

*at B<sup>++</sup> grade*

*valid up to August 15, 2023*

*Date : August 16, 2018*



*Director*







**INNOVATION CELL**  
(Government of India)



**Ministry of Education**  
(Government of India)



**ATAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS**

# Certificate of Recognition

This is to certify that

**P.E.S COLLEGE OF ENGINEERING, MANDYA**

is recognised in the band "PERFORMER" under the category  
"Colleges/Institutes (Govt. & Govt. Aided) (Technical)"  
in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021,  
a flagship program of the Ministry of Education, Government of India.

29th December 2021.

**Dr. Anil D Sahasrabudhe**  
Chairman, AICTE

**Shri K Sanjay Murthy**  
Secretary (HE), MoE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell



**P.E.S. College of Engineering, Mandya - 571401**  
(An Autonomous Institution affiliated under Visvesvaraya Technological University, Belagavi)  
Aided by the Govt. of Karnataka  
Ph. No.: 08232-220043-294; Fax: 08232-222075  
Email: deanacad@pesce.ac.in

## **P.E.S.COLLEGE OF ENGINEERING, MANDYA**

No. PES/DEAN-ACAD/2021-22/160

23<sup>rd</sup> February, 2022

### **CIRCULAR**

#### **Sub: Orientation Programme for PG Students (M.Tech. | MCA | MBA)**

The Orientation Programme for PG Students (M.Tech. | MCA | MBA) admitted for the academic year 2021-22 has been scheduled Offline on **25<sup>th</sup> February, 2022 at 3:30 pm**. In this regard, the PG students (M.Tech. | MCA | MBA) are hereby informed to attend the above-mentioned programme to know about the college and the functioning of the autonomous system.

#### **Program Schedule**

- |  |   |        |
|--|---|--------|
| 1. Welcome by  | - | 03 min |
| ➤ Dr. Girisha R, Dean - Academic                               |   |        |
| 2. About PES College of Engineering, Mandya                    | - | 10 min |
| ➤ Dr. R M Mahalinge Gowda, Principal                           |   |        |
| 3. About Academic Regulations of Autonomous System by          | - | 30 min |
| ➤ Dr. Umesh D R, Dy. Dean - Academic                           |   |        |
| 4. About Examination and Evaluation under Autonomous system by | - | 15 min |
| ➤ Dr. N L Muralikrishna, Controller of Examination             |   |        |
| 5. Vote of thanks by   | - | 02 min |
| ➤ Dr. K J Mahendra Babu, Dy. Controller of Examination         |   |        |

**Date & Time: 25<sup>th</sup> February, 2022 at 3:30 pm**

**Venue: Nithya Sachiva Sri. K V Shankara Gowda Training & Placement Auditorium,  
PESCE, Mandya.**

  
**Dr. R Girisha**

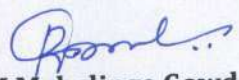
Dean - Academic

Dr. R. Girisha

Dean (Academic)

Copy to: P.E.S., Mandya.

- ❖ Controller of Examinations
- ❖ HOD's of all PG programmes (M.Tech. | MCA | MBA) to communicate among PG students admitted for academic year 2021-22
- ❖ Website coordinator to publish in college portal.

  
**Dr. R M Mahalinge Gowda**

Principal PRINCIPAL

PES College of Engineering  
Mandya - 571 401.





## B.E. ACADEMIC REGULATIONS

w.e.f.

**Academic Year 2021 - 22**

**Hearty Welcome**

**to**

**B.E. I – Year Students**

**Dr. Umesh D R**  
Dy. Dean - Academic

**Dr. N L Murali Krishna**  
Controller of Examination

**Dr. R Girisha**  
Dean - Academic







## B.E. DEGREE PROGRAMMES

- **Automobile Engineering**
- **Civil Engineering**
- **Computer Science and Engineering**
- **Electrical and Electronics Engineering**
- **Electronics and Communication Engineering**
- **Industrial & Production Engineering**
- **Information Science and Engineering**
- **Mechanical Engineering**
- **Other Teaching departments are:**
  - **Physics,**
  - **Chemistry,**
  - **Mathematics &**
  - **Humanities, Social Science and Management.**



## DURATION OF THE COURSE

- The normal duration of an academic programme is **Four** years for B.E.
- The maximum period that a student can take to complete an academic programme shall be double the normal duration of the programme i.e. **Eight** years.

## TOTAL NUMBER OF CREDITS TO QUALIFY FOR B.E. DEGREE AWARD

| Programme |                | Normal Duration:<br>Years (Semesters) | Total number of<br>Credits to be<br>Earned |
|-----------|----------------|---------------------------------------|--|
| UG Degree | B.E.           | 4 (8)                                 | 160  |
|           | B.E. (Lateral) | 3 (6)                                 | 120  |





## B.E. COURSE STRUCTURE

The Minimum credit requirement for the B.E. and B.E. (Lateral) degree are **160** and **120** respectively. The total course of a B.E. degree programme will typical consists of

| Sl. No.      | Subject Area                        | No. of Credits |
|--------------|-------------------------------------|----------------|
| 1            | Basic Science Core courses          | 22-26          |
| 2            | Engineering Science                 | 22-26          |
| 3            | Humanities & Social Science courses | 06-08          |
| 4            | Professional Core courses           | 60-64          |
| 5            | Professional Elective courses       | 22-26          |
| 6            | Major Project / Seminar, etc.       | 16-18          |
| <b>Total</b> |                                     | <b>160</b>     |



## BREAKDOWN OF ACADEMIC YEAR INTO SEMESTERS

| Sl. No. | Activity                                | Description  |                        |
|---------|---|--|------------------------|
| 1       | Number of semesters in an academic year | Three; Two being Main Semesters (Odd, Even) and one is the Supplementary Semester.<br>(Note: Supplementary Semester is primarily to assist the slow learners and/or repeater students for repeating the courses. PESCE may use this Semester to arrange Add-On Courses for other students and/or for deputing them for fieldwork and/or internship.) |                        |
| 2       | Duration of Regular Semester            | 20 weeks   |                        |
| 3       | Duration of Supplementary Semester      | 08 weeks   |                        |
| 4       | Academic activities (duration in weeks) | Regular Semester(s)  | Supplementary Semester |
|         | Course Registration                     | 0.5  | 0.2                    |
|         | Course Work                             | 15.5   | 5.0                    |
|         | Examination preparation                 | 0.5  | 0.5                    |
|         | Examination (SEE)                       | 2.5  | 2.0                    |
|         | <b>Declaration of Results</b>           | <b>1.0</b>   | <b>0.3</b>             |





## CREDIT STRUCTURE FOR COURSE WORK

| Lectures (L)<br>(Hours / Week / Semester) | Tutorials (T)<br>(Hours / Week / Semester) | Laboratory Work (P)<br>(Hours / Week / Semester ) | Cred its<br>(L:T:P) | Credits (Total) |
|---|--|---|---------------------|-----------------|
| 4   | 0  | 0   | 4:0:0               | 4               |
| 3   | 2  | 0   | 3:1:0               | 4               |
| 3   | 0  | 0   | 3:0:0               | 3               |
| 2   | 2  | 0   | 2:1:0               | 3               |
| 2   | 0  | 2   | 2:0:1               | 3               |
| 2   | 2  | 2   | 2:1:1               | 4               |
| 0   | 0  | 6   | 0:0:3               | 3               |



## B.E. COURSE REGISTRATION

**Registration** - Every student after consulting faculty advisor is required to register for the approved courses with DUGC of parent department at the commencement of each semester on the registration day which will be notified in the academic calendar.

**Late Registration** - Late registration may be permitted only for valid reasons on payment of late registration fee within the prescribed date.

**Registration in Absentia** - Registration in absentia may be allowed only in rare cases like of illness or other contingencies. Request should be forwarded by faculty advisor and HoD, finally should be approved by Dean (Academic).

**Eligibility for Registration** - To be eligible to register for a higher semester, the student must have earned the required number of credits as stipulated for vertical progression as indicated in **Section 21**.





## B.E. COURSE REGISTRATION (CONT....)

**Registration for backlog Courses:** Students who could not complete course/s of odd or even (or both) semester/s in the respective SEE and subsequent supplementary examinations of a particular academic year, need to re-register for such courses during next academic year (corresponding odd / even semester) as fresh course/s.

**Registration for detained course/s:** Students detained for entire academic year for not fulfilling eligibility criteria for upward movement as **per section 21** need to re-register during next academic year (corresponding odd/even semester) as fresh course/s and are eligible for SEE only after fulfilling satisfactory CIE and attendance.



## B.E. COURSE REGISTRATION (CONT....)

- The **minimum number of credits** for which a student can register is **16**.
- The **maximum number of credits** for which a student can register is **24**.
- However the student is advised to register for an **average of 20 credits** in each semester.

A student has the option to **ADD courses** for registration till the date specified for late registration.

- This is subjected to the following conditions:
- The student has secured a CGPA  $\geq 7.75$
- The student doesn't have backlogs from the previous semesters.

The student has an option to **DROP course** from registration as notified in the Academic calendar.





## ATTENDANCE REQUIREMENT

- The student has to put in a **minimum attendance of 85%** in each course with a provision of **condonation of 10%** of the attendance due to illness, participation in co-curricular activities such as Seminars, Workshops, Paper presentation etc. and extra-Curricular activities such as Sports, Cultural Activities etc.
- The student shall be informed about their shortage of attendance periodically by the department to make up the shortage.



## TERMINATION FROM PROGRAMME

A student shall be required to withdraw from the programme and leave the Autonomous College on the following grounds:

- Failure (getting 'F' Grade) and not passing a Course to earn credits for the same, in-spite of **five attempts**.
- Failure to secure a CGPA  $\geq 5.00$  on **three** consecutive occasions to lead the student being asked to discontinue the programme and leave the College (However, failure to secure a CGPA  $\geq 5.00$  at the end of any semester for the first time, to attract warning before approval of the student to continue in the following semester).
- Absence from classes for **two consecutive semesters** (Odd and Even) at a time without leave of absence being granted by competent authorities.
- Failure to meet the standards of discipline as prescribed by the College from time to time;
- Successive Failures: A student who has not been able to obtain eligibility for third semester **even after three academic years** will be terminated from the program. However, such a student can re-join the B.E. Programme in the College as a fresh student to the First Year.





## CHANGE OF BRANCH

A student may be given the change of branch after completion of first two semesters based purely on merit in accordance with the provision laid down by the concerned authority.

### **Procedure for giving change of Branch**

- i. Application for change of branch along with grade cards shall be received from the students as per notification from time to time.
- ii. Change of Branch shall be given strictly in the order of merit based on the CGPA obtained at the end of second semester. In case of tie, the actual marks scored by the applicant will be considered.
- iii. Change of Branch may be given from a particular branch that the minimum number of students shall be maintained at 75%. The number of vacancies available in a particular branch is determined by the maximum sanction intake relative to the actual number of students present in the beginning of the 3rd semester before implementation of the change of branch.



## CHANGE OF INSTITUTION

- i. Transfer of students from one College to another College within Karnataka State is permitted as approved by the academic council of the Institution and VTU **only at the beginning of third semester**, subject to availability of seats within the permitted intake in respective Institutions.
- ii. **The candidates seeking admission are to be only from VTU** and shall have to apply for establishment of equivalence with prescribed fee as notified by the Institution.
- iii. Candidates from other universities must obtain eligibility/Equivalence approval from VTU.





## ASSESSMENT

Assessment shall be done in two stages:

- **Continuous Internal Evaluation (CIE):** The CIE shall be conducted by the course teacher all through the semester; which shall include **two written tests and two events such as quiz, assignments, problem solving, group discussions etc.** The student shall secure a minimum of 40% of the total marks prescribed for the CIE in each course to become eligible for SEE.

Performance in laboratory courses shall be assessed by continuous internal evaluation, followed by a laboratory test by internal examiners.

| Evaluation Method | Passing Standard  |
|-------------------|---|
| CIE               | Score: $\geq 40\%$  |
| SEE               | a. Score: $\geq 40\%$<br>b. The total of CIE + SEE shall be $\geq 40\%$ |

- **Semester-End Examination (SEE):** SEE shall be conducted by the course teacher at the end of a semester, on dates fixed by the College by means of a written examination for all core and elective theory courses.
- **Project Work Evaluation:** CIE of the project work of UG and PG Courses shall be based on the progress of the student in the work assigned by the project supervisor, periodically evaluated by him/her together with a Departmental Committee constituted for this purpose.

**There shall be no re-examination (Make-Up) for any Course except in the case of a student being awarded I or X grade. In such cases, the make-up examination shall be conducted immediately after SEE.**



## RE-REGISTER FOR THE COURSE

The following category of students are required to reregister for the course:

- Students who have failed to get **letter grades - S A B C D E**
- Students who have failed to secure a **minimum of 40% marks in CIE.**
- Students who have been **detained on account of shortage of attendance**
- Students who have **withdrawn (Grade W) from a Course.**
- Students who have **dropped from a course/courses.** Such students shall go through CIE and SEE again, in the course/courses for which he/she registers.

**The re-registration shall be possible if the particular Course is offered again either in a main or a Supplementary Semester.**



## DISTRIBUTIONS OF WEIGHTAGE FOR CIE & SEE

| Particulars                 | Details  |   | Evaluation  |
|-----------------------------|--|---|---|
| I - Test                    | Syllabus coverage is 40%. ( 40 marks )                             |   | Average marks of two tests and 10 marks of Alternative Assessment Tool shall form CIE of 50 marks.<br>(Note: Alternative Assessment Tool shall be like Unit Test /Assignment / Mini-Projects / Seminar / MOOC's etc.) |
| II - Test                   | Syllabus coverage is next 40%. ( 40 marks )                        |   |   |
| Alternative Assessment Tool | AAT – I  | Syllabus coverage from Self-Study Component of UNIT – 1 to UNIT – 4 |   |
|                             | AAT – II   | Syllabus coverage from UNIT - 5                                     |   |
| SEE                         | Final examination to be conducted for full syllabus for 100 marks. |   | SEE marks reduced to 50 marks.  |

**Make-up test may be given to improve the performance of CIE, subject to maximum of 20 marks only.**





## GRADING

- **Letter Grades:** A letter grade is basically a qualitative measure of the performance of a student in a course.

The following letter grades shall be awarded to the students:

**Outstanding (S), Excellent (A), Very Good (B), Good (C), Average (D), Poor (E) and Fail (F).**

- **Transitional Grades:**

**Grade 'I':** Awarded to a student having prescribed attendance and meeting the prescribed passing standard at CIE in a Course, but has absented from SEE with prior written permission, for a valid and convincing reason acceptable to the College, like:

- ✓ Illness or accident, which disabled him/her from attending SEE;
- ✓ A calamity in the family at the time of SEE, which required the Student to be away from the College;
- ✓ Any other emergency as ascertained by the competent authority.

**Grade 'W':** Awarded to a student having the prescribed attendance, but withdrawing from that Course before the prescribed date in a semester under faculty advice with the approval of the Head of the department.

**Grade 'X':** Awarded to a student having high CIE rating ( $\geq 90\%$ ) in a Course, but SEE performance observed to be poor, which could result in an overall F Grade in the Course.



## LETTER GRADE AND GRADE POINTS

| Letter Grade                   | Grade – Points | Raw Score                 | Remark      |
|--------------------------------|----------------|---------------------------|-------------|
| S                              | 10             | $\geq 90\%$               | Outstanding |
| A                              | 09             | $< 90\% \ \& \ \geq 80\%$ | Excellent   |
| B                              | 08             | $< 80 \ \& \ \geq 70\%$   | Very Good   |
| C                              | 07             | $< 70 \ \& \ \geq 60\%$   | Good        |
| D                              | 06             | $< 60 \ \& \ \geq 50\%$   | Average     |
| E                              | 04             | $< 50 \ \& \ \geq 40\%$   | Poor        |
| F                              | 00             | $< 40 \%$                 | Fail        |
| PP<br>(For Non-credit courses) |                |                           | Passed      |
| NP<br>(For Non-credit courses) |                |                           | Not passed  |



## EVALUATION OF PERFORMANCE

The overall performance of a student will be indicted by two indices: **SGPA**, which is the **Semester Grade Point Average**, and **CGPA** which is the **Cumulative Grade Point Average**.

**SGPA for a semester is computed as follows:**

$$\text{SGPA} = \frac{\sum [(\text{Course credit}) \times (\text{Grade point})]}{\sum [(\text{Course credits})]}$$

(For all courses that semester excluding transitional grades)

(For all the courses in that semester excluding transitional grades)

**CGPA is computed as follows:**

$$\text{CGPA} = \frac{\sum [(\text{Course credit}) \times (\text{Grade point}) \text{ (Considering all courses excluding 'F' \& transitional grades)}]}{\sum [(\text{Course credits})]}$$





## AWARD OF CLASS

| Percentage Equivalence of Grade Points (on a 10-Point Scale) as per AICTE |                             |
|---|-----------------------------|
| SGPA / CGPA   | Percentage of Marks / Class |
| 5.75  | 50 (Second Class)           |
| 6.25  | 55                          |
| 6.75  | 60 (First Class)            |
| 7.25  | 65                          |
| 7.75  | 70 (Distinction)            |
| 8.25  | 75                          |



## ELIGIBILITY CRITERIA FOR UPWARD MOVEMENT

- i. There shall be no restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the attendance requirement.
- ii. A student must secure a Minimum CGPA = 5.0 at the end of every academic year.
- iii. A student shall also be eligible for the first time, with a warning to move to higher odd semester, if he / she has failed to secure a minimum CGPA = 5.00 at the end of any academic year.
- iv. For the award of degree, a CGPA  $\geq$  5.00 at the end of programme shall be mandatory.
- v. Also, the students are eligible to register as per the conditions mentioned below:

| Semester | Eligibility Criteria  |
|----------|---|
| I        | --  |
| II       | --  |
| III      | Can carry maximum of four incomplete courses from previous two semesters(I - II)  |
| IV       | --  |
| V        | Can carry maximum of four incomplete courses from previous four semesters (I - IV)  |
| VI       | --  |
| VII      | Can carry maximum of four incomplete courses from previous four semesters (III - VI) and, completed all courses of 1 <sup>st</sup> year |
| VIII     | --  |



## ELIGIBILITY CRITERIA FOR UPWARD MOVEMENT

### Noncompliance of CGPA $\geq 5.00$ at the end of an academic year

- In case, the CGPA falls below 5.00 at the end of an academic year for the second time during the subsequent academic years, the student shall not be permitted for the next higher odd semester.
- For the above such case, the students are permitted to appear again for SEE in full or part of the corresponding previous semester courses/s by rejecting the performance of them (Other than Internship, Technical Seminar, Project and Laboratories) for only one time during the maximum duration of the degree programme.

| Semester | Eligibility Criteria  |
|----------|---|
| I        | --  |
| II       | --  |
| III      | Can carry maximum of four incomplete courses from previous two semesters(I - II)  |
| IV       | --  |
| V        | Can carry maximum of four incomplete courses from previous four semesters (I - IV)  |
| VI       | --  |
| VII      | Can carry maximum of four incomplete courses from previous four semesters (III - VI) and, completed all courses of 1 <sup>st</sup> year |
| VIII     | --  |





## SUPPLEMENTARY SEMESTER

**The Supplementary Semester is provided for helping students who have failed in their examinations. The Supplementary semester is provided to help the student avoid losing an academic year.**

- It is the discretion of the department/College whether to offer the Supplementary semester or not. The supplementary semester is a special semester and the student cannot demand it as a matter of right.
- During the Supplementary semester, a student is permitted to re-register up to 15 credits for the course(s) where he/she has secured F-Grade (no new courses are allowed for registration).
- The student has to pay a special fee prescribed by the College to register for a course in the Supplementary semester. All courses may not be offered and the student has to opt from those courses offered by the department in a given Supplementary Semester.
- The department/college may offer some courses based on the availability of resources in hand.



## GRADUATION REQUIREMENTS

A Student shall be declared to be eligible for the award of the degree if

- a. Fulfilled Degree Requirements
- b. No Dues to the College, Departments, Hostels, Library, Central Computer Centre and any other centers.
- c. No disciplinary action pending.

The award of the degree must be recommended by the Academic Council.



## GRADUATION CEREMONY

- Provisional degree will be awarded in person or in absentia for the students who have successfully completed the degree requirements during the preceding academic year.
- Students are required to apply for the convocation along with prescribed fee to the university after having satisfactorily completed all the degree requirements within the specified date for the award of degree.





## AWARD OF PRIZES, MEDALS AND RANKS

- For the award of Prizes and Medals, the conditions stipulated by the Donor may be considered as per the statutes framed by the College for such awards.
- The total number of ranks awarded shall be 10 or 10% of total number of candidates appeared in final semester whichever less in that branch.
- **A student shall be eligible for a rank at the time of award of degree, provided the student,**
  - i. Has passed first to final semester in all the courses in first attempt only in case of students admitted in first year.
  - ii. Has passed third to final semester in all the courses in first attempt only in case of students admitted under lateral entry scheme.
  - iii. Has completed all the prescribed Audit / Mandatory Courses.
  - iv. Is not a repeater in any semester because of rejection of result of a Semester / Shortage of attendance etc.
  - v. Has completed all the semester without any break / discontinuity.
- **The following types of students are not consider for the rank,**
  - i. Students who dropped the course in any semester.
  - ii. Students who wrote Make-up / Supplementary exams in any semester.
  - iii. Students who have I / W / X / F grade in a course in any semester.



## CONDUCT AND DISCIPLINE

As per the order of Honorable Supreme Court of India, ragging in any form is considered as a Criminal offence and is banned and any form of involvement in ragging will be severely dealt with.

The following acts of omission/ or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures

- a. Ragging.
- b. Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus.
- c. Possession and use of mobile phones inside the institution premises.
- d. Willful damage or stealthy removal of any property / belongings of the College/Hostel or of fellow students/ Citizens.
- e. Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs.
- f. Mutilation or unauthorized possession of Library books.
- g. Noisy and unseemly behavior, disturbing studies of fellow students.
- h. Hacking in computer systems(such as entering into other Person's area without prior permission, manipulation and /or Damage of Computer hardware and Software or any other Cyber Crime etc.,).
- i. Plagiarism of any nature.



## CONDUCT AND DISCIPLINE

- j. Any other act of gross indiscipline and malpractice as decided by the Academic Council from time to time. Commensurate with the gravity of offense, the punishment may be to reprimand, expulsion from the hostel, debarment from an examination, disallowing the use of certain facilities of the College, rustication for a specified period or even outright expulsion from the College or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances.

For an offence committed in a hostel or in a department or in a class room and elsewhere, the Chief Warden, the Head of the Department and the Student Welfare Officer, shall be the authority to reprimand or impose fine.

All students after seeking admission to this Autonomous Institution, right from course registration till the date of declaration of graduation, any cases of adoption of unfair means and/ or any malpractice related to examination shall be reported to Controller of Examination. All such cases involving punishment / fine reprimand shall be referred to the committee / Malpractice Committee (as the case maybe) and decision of Controller of Exams will be final and binding.

**The Authorities of P.E.S. College of Engineering, Mandya have rights to make amendments to the above Rules and Regulations from time to time and the same is binding on students.**





**THANK YOU**

**AND**

**WELCOME ALL THE STUDENTS**

**FOR A GREAT LEARNING JOURNEY**


**AT PESCE MANDYA**


**TO START A GREAT CAREER OF YOUR LIFE**

|               |   |
|---------------|---|
| <b>ITEM-7</b> | <b>A Brief Report on Student Induction Program for BE - I year students of AY 2021 - 22</b> |
|---------------|---|

As per AICTE mandate Student Induction Program was organized for BE – I year students of AY 2021-22 in two phase.

**First phase Student Induction Program**  
**Academic Year: 2021-22**

|  P.E.S. College of Engineering, Mandya – 571 401, Karnataka<br>10 - Days Induction Program Scheduled for 1 <sup>st</sup> Semester B.E. Students during the Academic Year: 2021-22 |     |   |  |   |  |   |
|--|-----|---|--|---|--|---|
| Day & Date   | P/C | 9.00 AM to 11.00 AM<br>Session - I        | 11.00 to<br>11.15<br>AM                  | 11.15 AM – 1.15 PM<br>Session - II        | 1.15 to<br>2.30 PM                                 | 2.30 PM – 4.30 PM<br>Session - III        |
| 1 - Tue<br>04-1-22   | P&C | Dr. R M Mahalinge Gowda                   | T<br>E<br>A<br><br>B<br>R<br>E<br>A<br>K | C R Hanumanth                             | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Dr. L. Prasanna Kumar                     |
| 2 - Wed<br>05-01-22  | P&C |   |  | Dr. G Panduranga Murthy                   |  | ISTE, VRCW&NSS-Activities                 |
| 3 - Thu<br>06-1-22   | P&C |   |  | Dr. Rajkumar Prannath Wadhwa              |  | Sri. Ullas P New NEP 2022                 |
| 4 - Fri<br>07-01-22  | P&C |   |  | Dr. C. P. Ramasesh                        |  | Ullas Nandan Yoga and meditation          |
| 5 – Sat<br>08-01-22  | P&C |   |  | Sri. Chethan Ram R A                      |  | Assignment - 1                            |
| 6 - Mon<br>10-01-22  | P&C |   |  | <b>Sri. Murali Mohan Konareddy</b>        |  | <b>PESCE Alumni</b>                       |
| 7 - Tue<br>11-01-22  | P&C |   |  | <b>Sri. Raghu M S</b>                     |  | IEEE Activities                           |
| 8 - Wed<br>12- 01-22   | P&C | <b>Hack Club (Placement) &amp; Alumni</b> |  | <b>Hack Club (Placement) &amp; Alumni</b> |  | <b>Hack Club (Placement) &amp; Alumni</b> |
| 9- Thu<br>13-01-22   | P&C | <b>Dean Academic</b>                      |  | <b>Dean Academic</b>                      |  | <b>Dean Academic</b>                      |
| 10- Fri<br>14-01-22  | P&C |   |  |   |  |   |

|  P.E.S. College of Engineering, Mandya – 571 401<br>(An Autonomous Institution affiliated to V.T.U. Belagavi) |                      |                                    |                       |
|--|----------------------|------------------------------------|-----------------------|
| Induction Program Coordinators & Mentors for the AY: 2020 - 21   |                      |                                    |                       |
| Sl. No.  | Name of the Faculty  | Designation                        | Responsibility of SIP |
| 1  | Dr. Shivalinge Gowda | Professor & HoD of Physics         | Coordinator           |
| 2  | Dr. Nayaka S. R.     | Assistant Professor of Mathematics | Assistant Coordinator |

**P.E.S. College of Engineering, Mandya – 571 401**

| <b>(An Autonomous Institution affiliated to V.T.U. Belagavi)</b>          |                             |                    |                     |
|---|-----------------------------|--------------------|---------------------|
| <b>Induction Program Coordinators &amp; Mentors for the AY: 2021 - 22</b> |                             |                    |                     |
| <b>Physics Cycle Coordinator – Mr. B. M. Thammanna</b>                    |                             |                    |                     |
| <b>Sections</b>   | <b>Mentors Name</b>         | <b>Department</b>  | <b>Cell Number</b>  |
| <b>A</b>  | <b>Dr M Prasad</b>          | <b>Mathematics</b> | <b>98449 29093</b>  |
|   | <b>H R Shyam Prasad</b>     | <b>Cvil</b>        | <b>97384 70567</b>  |
|   | <b>Nouman Khan</b>          | <b>Mechanical</b>  | <b>85535 52670</b>  |
| <b>B</b>  | <b>Dr. Thejas Urs G</b>     | <b>Physics</b>     | <b>99724 32485</b>  |
|   | <b>Rashmi M P</b>           | <b>Cvil</b>        | <b>78290 72426</b>  |
|   | <b>Ashwini C N</b>          | <b>Electrical</b>  | <b>80737 20027</b>  |
| <b>C</b>  | <b>Dr. Megha R</b>          | <b>Physics</b>     | <b>87220 67731</b>  |
|   | <b>Kavya S B</b>            | <b>Cvil</b>        | <b>76765 08661</b>  |
|   | <b>Anusha M K</b>           | <b>Electrical</b>  | <b>94801 17980</b>  |
| <b>D</b>  | <b>Dr G Sharath</b>         | <b>Mathematics</b> | <b>9483 41464</b>   |
|   | <b>Avinash M</b>            | <b>Mechanical</b>  | <b>99457 37923</b>  |
|   | <b>Divya P</b>              | <b>Cvil</b>        | <b>90086 05202</b>  |
| <b>E</b>  | <b>Dr. S R Nayaka</b>       | <b>Mathematics</b> | <b>96116 00098</b>  |
|   | <b>Ramesh Kurbet</b>        | <b>Mechanical</b>  | <b>81238 29195</b>  |
|   | <b>Sushmitha K R</b>        | <b>Electrical</b>  | <b>85508 03431</b>  |
| <b>Chemistry Cycle Coordinator – Dr. H. Ramachandra</b>                   |                             |                    |                     |
| <b>F</b>  | <b>Hamsashree S</b>         | <b>Mathematics</b> | <b>97384 12827</b>  |
|   | <b>Sahana Raj B S</b>       | <b>E &amp; C</b>   | <b>96320 91216</b>  |
|   | <b>Doddaswamy V</b>         | <b>Mechanical</b>  | <b>98443 71917</b>  |
| <b>G</b>  | <b>Dr. Harsha M</b>         | <b>Chemistry</b>   | <b>99862 98666</b>  |
|   | <b>Somashekar B R</b>       | <b>Mechanical</b>  | <b>97387 79485</b>  |
|   | <b>D Bhavya</b>             | <b>CS</b>          | <b>98451 84832</b>  |
| <b>H</b>  | <b>Dr. Charn Kumar H C</b>  | <b>Chemistry</b>   | <b>81231 97164</b>  |
|   | <b>Vinaykumar H S</b>       | <b>E &amp; C</b>   | <b>91644 70009</b>  |
|   | <b>B P Chaitra</b>          | <b>CS</b>          | <b>95353 74955</b>  |
| <b>I</b>  | <b>Avinash S</b>            | <b>Chemistry</b>   | <b>97439 14295</b>  |
|   | <b>Nischitha K</b>          | <b>E &amp; C</b>   | <b>90355 63679</b>  |
|   | <b>Ashwini M C</b>          | <b>CS</b>          | <b>767666 13032</b> |
| <b>J</b>  | <b>Jeshma Prakruthi K S</b> | <b>Mathematics</b> | <b>99723 92951</b>  |
|   | <b>Noor Ayesha</b>          | <b>E &amp; C</b>   | <b>77607 70886</b>  |
|   | <b>B J Srujana</b>          | <b>CS</b>          | <b>95357 39696</b>  |



## **Report Details:**

The student Induction Program (SIP) was conducted in phased manner as per the schedule given in tables above.

### **I. FIRST PHASE:**

#### **Inauguration of I - Phase induction Program**

**On 03<sup>rd</sup> January 2022, Monday:** The inaugural program student induction program phase – I was presided by the Principal Dr. R. M. Mahalinge Gowda sir. The program was formally held at Shankaregowda Placement Auditorium, started with the welcome by Dr. B. Shanmukha, HoD of Mathematics. On the inaugural day, the aim and skeleton of the student’s induction program was briefly explained by the SIP coordinator **Dr. Shivalinge Gowda**. Sir also briefed the importance and need of the program and also its activities to all the fresh faces of PESCE and their parents gathered for the orientation. Then the program was formally inaugurated by our beloved Principal **Dr. R. M. Mahalinge Gowda** sir by lightening the lamp. In his presidential address sir gave brief introduction about the college and various facilities available in the college mainly for library and e-learning. Sir also motivated students to achieve their goals with sound knowledge emerges as good human being and serve for the society with new technology and the precautions to be taken in the pandemic situation. Finally, the session was concluded by the coordinator with the valedictory speech.

**04<sup>th</sup> January 2022, Tuesday** program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. **C. R. Hanumanthu** sir, he spoke on “**Human values and Ethics**”.

Sri. C. R. Hanumanth got engineering degree in Electrical and Electronics stream from the Government Engineering College, Trichur in 1986. He is most passionate about children’s education, C. R. Hanumanth is the bedrock of the forum. He is a film exhibitor and real estate developer, and an active rotarian who works for social causes in the city. An avid reader, he is an executive committee member of Junglescapes, a non-profit organization that works with tribal communities in restoration of degraded forest habitats abutting Bandipur.

He is actively involving with this since 2013. Sri. C R Hanumanth is also serving as a senior consultant in Keystone Entertainment, Mysuru since from 2010. He is a managing Partner with Emkay enterprises since from January 2015. Sir is also actively working in the Southern Greens, parasaiyyanahundi a lovely little residential layout close to the ring road, Mysuru. Further he is also serving as a trustee at Raaga Vaibhava and past president of Rotary club (West).

During his speech, Sri C. R. Hanumanth stresses more on need of Human values and ethics for the present time. Human values are the great virtues that help people to guide their character as they interact and socialize with the fellow human beings. In other words, it is how we expect other people to treat us and what we can give back in return. They are five human values which include truth, love, right conduct, peace, and non-violence. Ethics are the set of moral principles that are accepted by all the human beings. These morals define the kind of person we are. This article will explain the importance of the two.

**Importance of human values and ethics:** Human values help people evaluate different events, actions, and they define the moral conduct of people in the world. With human values, we can settle for better words, actions, and Ethics shape the individual behaviors of different human beings. Like government laws, ethics act as the individual governing system that keeps human beings on the right track. Human values play a big part in helping us settle for a better future.

As much as human values and ethics are collapsing, the above discussion dictates their importance. From the above discussion, it is clear that they are essential in our daily living.

The **second session** was engaged by **Dr. L. Prasanna Kumar**, who spoke on “**Rain water harvesting and Borewell recharge for future generation**”.

Dr. L. Prasanna Kumar got B. Sc. Degree from Yuvaraja’s college and M. Sc. Degree from Mangalore University in 1989 and awarded Ph. D. degree from University of Mysore, Mysuru. Dr. L. Prasanna Kumar actively involved in various environmental activities and also running bio-fuel center in the college campus and educating number of students and faculties to make our life eco-friendly. He is a good trainer and a motivational speaker to spread the awareness about bio-fuel and water harvesting. He has delivered lectures in various institutions in Mandya and various districts in Karnataka and also participated in TV and Radio programs.

Sir has completed more than four research projects worth more than 50 Lakhs and had published 10 research articles in National Journals 02 international journals. Also, sir has published 12 conference papers and one international 01 conference.

Groundwater recharge, which is water that crosses the water table, is one of the most important parameters for groundwater modeling. Groundwater recharge originates as infiltration at the land surface (terrestrial infiltration) or as infiltration beneath a surface water body or water that is temporarily ponded on the land surface (ponded infiltration). In both cases, some water is usually lost via evapo-transpiration; the remainder eventually arrives at the water table as recharge. The recharge process is of interest in agricultural problems and stream flow generation as well as in groundwater problems. Ground water recharge reduces soil erosion and flood hazards by collecting rainwater and reducing the flow of storm water to prevent urban flooding. Most buildings that utilize rainwater harvesting systems have a built-in catchment area on top of the roof, which has a capacity of collecting large volumes of water in case of rainstorms.

**05<sup>th</sup> January 2022, Wednesday** program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. G. Panduranga Murthy, resources person of the first session who spoke on “**Research and Engineering**”.



Dr. G. Panduranga Murthy hold Masters in Eco – Technology and hydrobiology, Applied Chemistry, Finance and operational Management from various Universities. Dr. Murthy sir got Ph. D. degree in Agricultural Technology and Toxicology from University of Mysore and Ph. D. degree in Medicinal Chemistry from JN University, AP. Awarded Post doc Research in Flood routing Analysis and water resource Management from River system institute, Texas, USA. Murthy sir had worked in diverse areas and published numerous research articles in Engineering, science and Management field. Sir is also guiding students for their doctoral degree in various fields.

We often use the words “science and technology” for engineering. What can be done by engineers with science and technology? Researchers think about it and do some research which resulted in the understanding that engineering is about planning and designing something that helps society by regulating science and technology. Engineering is manufacture something by using knowledge and technology. To create something just using existing technology will not yield good results, and therefore to solve it we must have the creativity or skill in this field. Further the importance of research and engineering was detailed with some humorous illustrations and ignited the interest many youth minds gathered for the session.

The **second session** was handled by Indian Society for Technical and Education (ISTE), Youth Red-cross wing (YRCW) & National Service Scheme (NSS). Team leaders of each club occupied the dais and briefed out the activities done by the respective club from fast few years and opportunities that a student can get from those clubs.



**06<sup>th</sup> January 2022, Thursday** program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. Dr. Rajkumar Wadra, resources person of the first session who spoke on “**Best health practices: How to boost immunity**”.

**Dr. Rajkumar Wadhwa** got MBBS degree and MD in internal Medicine from Government Medical College and Hospital, Nagpur during 1988 and 1991 respectively. He is a well-known name in the field of Gastroenterology and is a highly skilled doctor, having an experience of more than two decades of expertise in Luminal Gastroenterology Hepatology, Therapeutic Endoscopies, Endosonography, Double ballon enteroscopy and per oral cholangioscopy. He is the Chief Gastroenterologist working at Apollo BGS Hospitals, Mysore. He is our specialist consultant, who has performed more than 50,000 diagnostics endoscopies and over 10,000 colonoscopies along with specialized procedures.



Looking into his career, he is one of the first to do Double Balloon Endoscopy in India. He is the pioneer to start diagnostic and therapeutic Endosonography in Karnataka. Currently he is the only gastroenterologist doing Per Oral Endoscopic Myotomy (POEM) in Karnataka. Also he is the First Gastroenterologist in Karnataka to do Direct Per Oral Cholangioscopy.

A healthy body is an essential requirement for a healthy mind. Good health allows us to think more clearly, focus better and be more productive. It is also essential for enjoying life to the fullest. While there are no guarantees in life, there are some simple things we can do to improve our health and safeguard it against disease.

One of the most important things we can do for our health is to eat a balanced diet. Eating a variety of fruits and vegetables, whole grains, low-fat proteins and healthy fats helps ensure that we are getting the nutrients our body needs. It is also important to drink plenty of water and avoid harmful drinks. It is also important to get regular exercise. Exercise helps keep our body healthy

and strong, and it can also help protect us from diseases such as heart disease and cancer. Aim to get at least 30 minutes of exercise every day.

Another important part of staying healthy is getting enough sleep. Most people need around eight hours of sleep per night. Getting required sleep helps our body to heal and rejuvenate, and it can also help protect us from disease. In conclusion sir added that, good health is essential for a happy and productive life. By making healthy choices and taking steps to protect our health, we can enjoy years of good health and well-being.

**Next session** was handled by Sri. Ullas P., who spoke on “**NEP 2020: The perspective on a young innovator**”.

Sri. Ullas P. is presently working as an Assistant Professor in the department of electronics and communication, PES College of Engineering, Mandya. Sri. Ullas got B. E. degree from BCE, Shravanabelagola, Hassan and M. Tech degree from TOCE, Bangalore. Presently, he is pursuing doctoral degree under VTU RRC, Mysuru. He is holding many responsibilities in the college and actively involved in many projects in the Department of ECE. Sri. Ullas is a person with high enthusiasm and best motivational speaker. He had already published many research articles in various reputed journals.

When the New Education Policy, 2020, was announced by the government, my ears perked up. As a student in 12th grade, still being very much a part of the education system, I was curious to see what the government had envisioned for millions like me. After reading the document released by the Ministry of Human Resource Development, I have made certain observations from the standpoint of a student.

The NEP has proposed some significant changes with respect to higher education. The other important facet of the proposal is the complete restructuring of the higher education system through the introduction of a multidisciplinary undergraduate programme, with an option of either a three or four year duration, and multiple exit and entry points. This will bring a far greater level of flexibility within the higher education system.

There is one aspect that the policy does not address at all, and that is how it plans to ensure that the intellectual autonomy of students will be maintained within campuses. Apparently, for those involved in drafting the policy, there is no reason to address the issue of students being attacked for exercising their fundamental right to speech, and free expression within campuses. This is clearly because getting physically attacked on our campus by goons, while the police are watching, is most definitely not going to hamper our ability to benefit from, in the words of the policy-writers, “high-quality teaching-learning processes”.

The policy aims to bring about a higher education system that is flexible, and is premised on the need for greater freedom, but at the same time, it overlooks the elements that threaten this very freedom.

07<sup>th</sup> January 2022, Friday program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. Dr. P. Ramashesh, resources person of the first session who spoke on “**Information Sources and services**”.



Dr. Ramashesh was a first rank holder in M. Lib. Sc., from University of Mysore and then worked as Assistant Librarian in University of Mysore and Mangalore University. He had also worked as Deputy Director and Management Representative for ISO Certification Deputy Director and Management Representative for ISO Certification, Centre for Information Science and Technology, University of Mysore, Mysore, Centre for Information Science and Technology, University of Mysore, Mysore from Apr 2002 to Dec 2006. He has a rich knowledge in Library science and delivered many keynote addresses for various conferences and workshops throughout Karnataka.

Nowadays information is playing very vital role and Data analysis is becoming a prime area in both IT and Non IT sectors. Starting from the primary school students, any graduate must aware of various data sources and the way of accumulating data. There are many different types of information resources, including: websites, encyclopedias, YouTube, people, books, databases, newspapers, magazines, TV, radio, etc. Sources of information are generally categorised as primary, secondary or tertiary depending on their originality and their proximity to the source or origin.

For example, scientific information moves through a dissemination cycle. Initially, findings might be communicated informally by email, and then presented at meetings before being formally published as a primary source. Once published, they will then be indexed in a bibliographic database, and repackaged and commented upon by others in secondary sources. The designations of primary, secondary and tertiary differ between disciplines or subjects, particularly between what can generally be defined as the sciences and the humanities.

Primary sources for critics studying the literature of the Second World War are different from those for a research scientist investigating a new drug for arthritis. The critic's primary sources are the poems, stories, and films of the era. The research scientist's primary sources are



the results of laboratory tests and the medical records of patients treated with the drug. We should always check with our lecturer or tutor if in doubt.

The second session was engaged by the duo Sri. Ullas Nandan P. and Sri. Pavan Krishna K., are presently working as Assistant Professors in the Department of Mechanical Engineering, PES College of Engineering, Mandya. They made a wonderful session on “**Benefits of Yoga**”

Sri. Pavan Krishna K. got Bachelors in Engineering from Vidya Vardhaka College of Engineering and M. Tech degree from RajaRajeshwari college of Engineering, Bangalore and pursuing PhD degree from VTU, Belagavi.

Sri. Ullas Nandan P. got Bachelors in Engineering from PES College of Engineering, Madya, M. Tech degree from JSSATE college of Engineering, Bangalore and pursuing PhD degree from JSSATE, Bangalore.



Yoga is an ancient art that connects the mind and body. It is an exercise that we perform by balancing the elements of our bodies. In addition, it helps us meditate and relax. Yoga has numerous benefits if we look at it closely. We will get relief when we practice it regularly, as it keeps away the ailments from our mind and body. In addition, when we practice several asanas and postures, it strengthens our body and gives us a feeling of well-being and healthiness.

Furthermore, yoga helps in sharpening our mind and improving our intelligence. We can achieve a higher level of concentration through yoga and also learn how to steady our emotions. It connects us to nature like never before and enhances our social well-being. In addition, we can develop self-discipline and self-awareness from yoga if practiced regularly. We will gain a sense of power once we do it consistently and help us to lead a healthy life free from any problems. Anyone can practice yoga no matter what our age is or whichever religion you follow.

21st of June is celebrated as International Day of Yoga where people are made aware of the benefits of yoga. Yoga is a great gift to mankind which helps us keep better and maintain our health. You also develop a higher patience level when you practice yoga which also helps in keeping the negative thoughts away. You get great mental clarity and better understanding. In short, yoga has several benefits. Everyone must practice it to keep their health maintained and also

benefit from it. It is the secret to living a healthy and long life without the use of any artificial means like medicines or any other shortcuts of any kind.

**08<sup>th</sup> January 2022, Saturday** program was started with welcome speech by assistant coordinator and brief introduction and achievements of the guest Sri. **Chethan Ram R. A.** resource person was given. Sri. Chethan Ram R. A. delivered a motivational speech on “If not now, then when. If not you, then who.”

**Chethan Ram R.A.**, An international trainer on Personality Development working towards developing individuals over 30 years. He has trained around 20000 teachers and three Lakh Students on ‘Study-Skills & Exam Skills’ across Karnataka. Chethan Ram is honoured with many State and National awards. A National Award was awarded to Sri Chethan Ram in 2005 by JCI India one and only Worldwide Federation for young leaders and entrepreneurs. Mr.Chethan Ram is also awarded with prestigious “INDIRA PRIYADARSHINI” National Award in 2013.

Chethan Ram is a great Motivator of our times has given hundreds of programmes in various Television channels on various aspects of Empowerment. He has trained thousands of aspirants for various competitive exams like IAS, KAS, UPSC, KPSC, BANKING, CAT, MAT, GMAT, TOEFL and many others. He has written and published more than 15 books and 10 Audio CD’s on Self-development. Chethan Ram’s contribution in the field of Education is remarkable. In the last 25 years he has trained lakhs of Students & Teachers across the State and Nation on Success, Teaching Skills, Personality Development & Study Skills. His famous book & CD ‘Exam is a Festival, Celebrate’ is the Bhagawadgita for students on Study Skills & Scoring Better. AMCAD & Ram Parivarthan Trust, Mysore under CHETHAN RAM has organized residential Summer Camps for SSLC & PUC going students to help them Academic & Personal Empowerment. Chethan Ram is the Adviser, Dean, Head-Academic for various educational Institutions.

Motivation is something that cannot be understood with words but with practice. It means to be moved by something so strongly that it becomes an inspiration for us. Furthermore, it is a discipline that helps us to achieve our life goals and also helps to be successful in life. It is a strong tool that helps to get ahead in life. For being motivated we need a driving tool or goal that keeps us motivated and moves forward. Also, it helps in being progressive both physically and mentally. Moreover, our goal does not be too big and long term they can be small and empowering. Furthermore, we need the right mindset to be motivated. Although there are various types of motivation according to me there are generally two types of motivation that are self- motivation and motivation by others.

Self-motivation- It refers to the power of someone to stay motivated without the influence of other situations and people. Furthermore, self-motivated people always find a way to reason and strength to complete a task. Also, they do not need other people to encourage them to perform a challenging task. Motivation by others- This motivation requires help from others as the person is not able to maintain a self-motivated state. In this, a person requires encouragement from others. Also, he needs to listen to motivational speeches, a strong goal and most importantly and inspiration.

Motivation is very important for the overall development of the personality and mind of the people. It also puts a person in action and in a competitive state. Furthermore, it improves efficiency and desire to achieve the goal. It leads to stability and improvement in work. Above all, it satisfies a person’s needs and to achieve his/her goal. It helps the person to fight his negative

attitude. The person also tries to come out of his/her comfort zone so that she/ he can achieve the goal.

10<sup>th</sup> January 2022, Monday program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. Murali Mohan Konareddy, resources person of the first session who spoke on “Learn to learn”.



Mr. Murali started his career as a Math teacher in his village high school while he was a student. He succeeded in motivating and creating interest in Mathematics among the rural children. This venture of teaching in the village school was a revelation of his passion of teaching and that there was a teacher in him. This pushed him forward on and on to raise to greater heights in the realm of education. He was topper in his academic career and secured state 6th Rank in Engineering Common Entrance Test. He completed Bachelors from S. V. University, Tirupathi and Masters from Indian Institute of Technology, Kanpur.

Murali Mohan Konareddy, Head of Education and Research, Infosys Technologies (China), was conferred the title of 'Honorary citizen of Nahu district' by Joaxing Nahu District People's government during the 'Spring in Nanhu' function held in China. Mr. Murali has received the Extraordinary Science and Technology mentor award for his contribution in the field. With his previous experience, Mr Murali has handled a huge responsibility of setting up Education Center in China very effectively.

'**Learning to learn**' is the ability to pursue and persist in learning, to organise one's own learning, including through. Effective management of time and information, both individually and in groups. Some of the characteristics of a student who wish to learn new things are

1. Do not sit still for long.
2. Do not worry about great handwriting.
3. Learn by touching and manipulating things.
4. Hands on approach to learning.
5. Take a break while studying.
6. Take a material from various sides and use lot of scratch paper.
7. Learn by doing.



The second session was engaged by PESCE alumni's to educate and motivate fresh faces of our institution about how roots of PES alumni's spread all over the world in various fields of science and Engineering.



**11<sup>th</sup> January 2022, Tuesday** program was started with welcome speech by assistant coordinator Dr. Nayaka S.R and gave a brief introduction and achievements of the guest Sri. Raghu M. S., resources person of the first session who spoke on “Neuro Linguistic”.

Sri. Raghu M. S. is a human trainer who does advanced training in NLP technique, NLP i.e. Neuro linguistic program, he has been a beacon in the lives of thousands of people, through Rotary Midtown program RACE, he has conducted workshops for millions of children about their lifestyle, how children learn easily, how to find solutions to problems, He has conducted workshops on how to increase mental strength and concentration, from civic workers to big businessmen, he has also given life guidance, so far more than 3 lakhs children have benefited from these workshops.



NLP can thus both improve the quality of instruction within individual assignments and help educators improve the learning environment more broadly. Beyond improving students' language skills directly, NLP features can also be used to help educators better understand what is happening cognitively with their students.

Neuro-linguistic programming is a **way to change a person's thoughts and habits** to be successful through perception, behavior, and communication techniques. It is a pseudoscientific approach based on neural connections, specifically, on how they process language. It has become popular among alternative approaches to **personal development** or self-help. According to the NPL Empowerment Partnership page, **NLP is "learning the language of our own brain" or "a user manual."** It is based on three parts: "neuro," which is the neurological system, "linguistics," which is the message, both verbal as well as non-verbal, that is sent to the brain; and "programming," which is how the mind processes these messages.



The second session was engaged by IEEE team of PESCE. IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE has:

- Over 409,000 members in more than 160 countries, more than 60 percent of whom are from outside the United States
- More than 125,000 Student members
- 343 Sections in ten geographic Regions worldwide
- 2,615 Chapters that unite local members with similar technical interests
- 3,565 Student Branches at colleges and universities in over 100 countries
- 3,182 Student Branch Chapters of IEEE technical Societies
- 608 affinity groups; IEEE affinity groups are non-technical sub-units of one or more Sections or a Council. The affinity group patent entities are the IEEE-USA Consultants Network, Young Professionals (YP), Women in Engineering (WIE), Life Members (LM), and IEEE Entrepreneurship.

The in and out of IEEE and benefits that an engineering student can get are briefed by the team IEEE – PESCE.

**13<sup>th</sup> January 2022, Thursday** program was coordinated and conducted by Dean (Academic) and Controller of Examination. Dr. Nayaka S. R. welcomed Dean and Controller of PESCE and then the session was completely taken over by Dr. D. R. Umesh, Deputy Dean (Academic).



Rules and regulations of VTU, details of course and credits, CGPA, SGPA and what are the AICTE activities that a student must undergo to get the certificate, how continuous evaluation will be done, details of examination process, eligibility criteria and so on are all briefed out by Dr. D. R. Umesh and the session was concluded by Dr. N. L. Murali Krishna, Controller of Examinations, PESCE, Mandya.



**The Phase – II: Student Induction Program was engaged by IIC during the Even Semester.**