

Marathwada Mitramandal's
College of Engineering, Pune
An Autonomous Institute

Permanently Affiliated to SPPU | Accredited with A++ grade by NAAC | Recipient of Best College award by SPPU |
Accredited by NBA | Recognized under 2(f) and 12(B) of UGC Act 1956

Academic Council Meeting

MINUTES OF MEETING

Meeting of Academic Council was held on July 22, 2024 at 02:30pm in the Online Mode

Following members were present.

| Sr. No. | Name of member | Designation | Designation in Academic Council |
|---------|----------------------------|--|---------------------------------|
| 1 | Dr. V. N. Gohokar | Principal | Chairman |
| 2 | Dr. Manisha Dhage | BoS AI & DS | Member |
| 3 | Dr. K. S. Thakare | BoS Computer Engg. | Member |
| 4 | Dr. P. K. Katare | BoS DES | Member |
| 5 | Dr. G. S. Gawande | BoS E & TC, NBA Coordinator | Member |
| 6 | Dr. M. A. Deshpande | BoS Electrical Engg. | Member |
| 7 | Dr. S. A. Ubale | BoS IT | Member |
| 8 | Dr. V. R. Deulgaonkar | BoS Mechanical Engg. | Member |
| 9 | Dr. S. U. Kale | BoS MBA | Member |
| 10 | Dr. K. R. Patil | Dean- Research and Development, NIRF Coordinator | Member |
| 11 | Dr. P. K. Tamkhade | Dean- Student Welfare | Member |
| 12 | Mrs. S. N. Deshmukh | Dean- Admission | Member |
| 13 | Dr. V. W. Bhatkar | Dean- Examination | Member |
| 14 | Dr. S. N. Shekhpure | NAAC Coordinator | Member |
| 15 | Dr. Chandrashekhar Talathi | FMCIID Director | Member |
| 16 | Mr. Vikas Dangat | Group Director, S.V. Group of Companies, Pune | Member |
| 17 | Mr. Deepak Patil | General Manager Icertis Pune | Member |
| 18 | Dr. Yogesh Kulkarni | Director, Vigyan Ashram, Pabal, Pune | Member |
| 19 | Dr. Pradip Patil | Nominee SPPU, JSPM's Jayawantrao Sawant College of Engineering, Hadapsar, Pune | Member |
| 20 | Dr. Sudeep Thepade | Nominee SPPU, Pimpri Chinchwad Engineering College, Nigadi Pradhikaran, Pune | Member |
| 21 | Dr. P. S. Purandare | Dean Placement and Incubation | Controller of Examination |
| 22 | Dr. B. P. Vasgi | Dean- Academics | Member Secretary |

Leave of absence was granted to Dr. Manisha Dhudhedia , Dr. Narendra Londhe and Shri. Dipak Karandikar.

Following points were discussed and decision were taken

Item No. 01: Confirmation of MoM of last meeting

Dr B. P. Vasgi Dean Academics and Member Secretary of Academic Council welcomed all the members. Dr. B. P. Vasgi, then presented the Minutes of the previous Academic Council meeting held on June 29, 2024.

The Academic Council confirmed the Minutes of the Academic Council meeting held on June 29, 2024.

Item No. 02: To consider the recommendations by the Board of Studies

The Academic Council approved the Syllabus of First Year Syllabus recommended by respective BoS for UG, PG and PhD Programmes as referred from page no. 1 - 356 from Book of Enclosure.

Following points were resolved:

- Due to the unavailability of Mrs. Nandini Iyer, Dr. V. M. Bhandari, Chief Scientist at NCL, Pune, has taken the place as the Academic Council Nominee for the BoS of Engineering Science and Humanities.
- Academic Calendar to be circulated to the Academic Council Members.

Item No. 03: To approve the rules and regulations regarding the Admissions, Academics and Examination

The Academic Council approved the rules and regulations regarding the Admissions, Academics and Examination as referred from page no. 357-585 from Book of Enclosure.

Item No. 04: Any other point

I. Policy for Exit Courses

Proposed by : Mrs. S. N. Deshmukh

Seconded by: Dr. Sudeep Thepade

The Academic Council approved the Policy for Exit Courses as enclosed

Following points were discussed:

- Offering students the option to choose between an Internship and MOOCs of equivalent credit as an Exit Course. The MOOCs may be recommended by respective BoS.

II. Approval for structure of UG, PG and PhD courses

Proposed by : Dr. B. P. Vasgi

Seconded by: Dr. V. N. Gohokar

The Academic Council resolved to approve structure of UG (from Second Year to Final Year), PG (Second Year) and PhD(Second Year and Final Year) Programmes.

Following points were discussed:

- Swapping of courses in Semester VII and VIII, which includes the Internship and Project respectively, may be considered to balance the academic activities.

Meeting was concluded with vote of thanks by Member Secretary.



Dr. V. N. Gohokar
Chairman

Copy to:

All members



Item No. 04

I. Policy for Exit Courses

1. Students will have the flexibility to enter a programme in odd semesters and exit a programme after the successful completion of even semesters as per their future career needs.
2. Students exiting the First Year programme after securing 44 credits (full credits of the first year i.e. first and second semester) will be awarded UG Certificate in the relevant Discipline /Subject provided they secure 8 credits in work-based/skill-based vocational courses or internship / apprenticeship as mentioned in point number 6 during summer vacation in addition to 4 credits from skill-based courses earned during the first and second semester.
3. Students exiting the Second Year Programme after securing 84 credits (full credits till the second year i.e. fourth semester) will be awarded UG Diploma in the relevant Discipline /Subject provided they secure additional 8 credits in skill-based vocational courses (skill-based courses, internship etc.) as mentioned in point number 6 during summer vacation after the second year.
4. Students exiting the Third Year UG program will be awarded B.Voc. in the relevant Discipline /Subject upon securing 130 credits (full credits till the third year i.e. sixth semester) with additional 8 credits in skill-based vocational courses (skill-based courses, internship etc.) as mentioned in point number 6 during summer vacation after the sixth semester.
5. Exit options shall be provided with Certification (UG Certificate), Diploma (UG Diploma) and B.Vocational degrees (UG Diploma with major courses) to the students at the end of the second, fourth and sixth semester, respectively, in the four-year degree programme.
6. Exit courses will comprise internship of 4 weeks duration and one skill based course of 4 weeks (such as MOOCs, NPTEL etc.) **or** two skill based courses of 4 weeks each (such as MOOCs, NPTEL etc.) **or** one skill based course of 8 weeks (such as MOOCs, NPTEL etc.) for additional 8 credits for exit after even semesters (semester two, four, six). These courses should be completed during summer vacation. Students will have to submit a report and certificate for the same.



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Item No.04

II. Approval for structure of UG,PG and PhD courses

Second Year B.Tech Semester-III

| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | Examination Scheme | | | | | | Credits | | | |
|--------------|-------------|-------------|---------------------------|----|---|--------------------|-----|----|-----|----|-------|---------|---|---|-------|
| | | | L | P | T | CIE | ETE | TW | PR | OR | Total | L | P | T | Total |
| | | PCC | 3 | 2 | - | 40 | 60 | - | 50 | - | 150 | 3 | 1 | - | 4 |
| | | PCC | 3 | 2 | - | 40 | 60 | - | 50 | - | 150 | 3 | 1 | - | 4 |
| | | PCC | 3 | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | 3 |
| | | FP | - | 4 | - | - | - | 50 | - | - | 50 | - | 2 | - | 2 |
| | | MDM | 2 | 2 | - | 40 | 60 | 25 | - | - | 125 | 2 | 1 | - | 3 |
| | | HSSM | 2 | - | - | 50 | - | - | - | - | 50 | 2 | - | - | 2 |
| | | VEC | 2 | - | - | 50 | - | - | - | - | 50 | 2 | - | - | 2 |
| Total | | | 15 | 10 | - | 260 | 240 | 75 | 100 | - | 675 | 15 | 5 | - | 20 |

Second Year B.Tech Semester-IV

| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | Examination Scheme | | | | | | Credits | | | |
|--------------|-------------|-------------|---------------------------|---|---|--------------------|-----|----|-----|----|-------|---------|---|---|-------|
| | | | L | P | T | CIE | ETE | TW | PR | OR | Total | L | P | T | Total |
| | | PCC | 3 | 2 | - | 40 | 60 | - | 50 | - | 150 | 3 | 1 | - | 4 |
| | | PCC | 3 | 2 | - | 40 | 60 | - | 50 | - | 150 | 3 | 1 | - | 4 |
| | | PCC | 3 | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | 3 |
| | | OE | 3 | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | 3 |
| | | SEC | - | 4 | - | - | - | 50 | - | - | 50 | - | 2 | - | 2 |
| | | AEC | 2 | - | - | 50 | - | - | - | - | 50 | 2 | - | - | 2 |
| | | HSSM-VEC | 2 | - | - | 50 | - | - | - | - | 50 | 2 | - | - | 2 |
| Total | | | 16 | 8 | - | 260 | 240 | 50 | 100 | - | 650 | 16 | 4 | - | 20 |

Abbreviations:

L- lecture

ETE- End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P : 2 Hr. = 1 Credit

T- Tutorial

PR- Practical

T : 1 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

OR- Oral

| Third Year B.Tech Semester-V | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|-------------|---------------------------|---|---|-----|--------------------|-----|----|-----|----|-------|---------|---|---|-----|-------|
| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | | Examination Scheme | | | | | | Credits | | | | |
| | | | L | P | T | ODL | CIE | ETE | TW | PR | OR | Total | L | P | T | ODL | Total |
| | | PCC | 4 | 2 | - | - | 40 | 60 | - | 50 | - | 150 | 4 | 1 | - | - | 5 |
| | | PCC | 4 | 2 | - | - | 40 | 60 | - | 50 | - | 150 | 4 | 1 | - | - | 5 |
| | | PCC | 4 | - | - | - | 40 | 60 | - | - | - | 100 | 4 | - | - | - | 4 |
| | | PEC | 3 | - | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | - | 3 |
| | | MDM | 3 | 2 | - | - | 40 | 60 | 25 | - | - | 125 | 3 | 1 | - | - | 4 |
| | | OE | - | - | - | 2 | - | - | 50 | - | - | 50 | - | - | - | 2 | 2 |
| Total | | | 18 | 6 | - | 2 | 200 | 300 | 75 | 100 | - | 675 | 18 | 3 | - | 2 | 23 |

| Third Year B.Tech Semester-VI | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|-------------|---------------------------|---|---|-----|--------------------|-----|-----|-----|----|-------|---------|---|---|-----|-------|
| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | | Examination Scheme | | | | | | Credits | | | | |
| | | | L | P | T | ODL | CIE | ETE | TW | PR | OR | Total | L | P | T | ODL | Total |
| | | PCC | 4 | 2 | - | - | 40 | 60 | - | 50 | - | 150 | 4 | 1 | - | - | 5 |
| | | PCC | 4 | 2 | - | - | 40 | 60 | - | 50 | - | 150 | 4 | 1 | - | - | 5 |
| | | PCC | 3 | - | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | - | 3 |
| | | PEC | 3 | - | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | - | 3 |
| | | MDM | 3 | - | - | - | 40 | 60 | - | - | - | 100 | 3 | - | - | - | 3 |
| | | OE | - | - | - | 2 | - | - | 50 | - | - | 50 | - | - | - | 2 | 2 |
| | | VSEC | - | 4 | - | - | - | - | 50 | - | - | 50 | - | 2 | - | - | 2 |
| Total | | | 17 | 8 | - | 2 | 200 | 300 | 100 | 100 | - | 700 | 17 | 4 | - | 2 | 23 |

Abbreviations:

L- lecture

ETE- End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

T- Tutorial

PR- Practical

T: 1 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

OR- Oral

Final Year B.Tech Semester-VII

| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | | Examination Scheme | | | | | | Credits | | | | |
|--------------|-------------|-------------|---------------------------|----|---|-----|--------------------|-----|-----|----|----|-------|---------|----|---|-----|-------|
| | | | L | P | T | ODL | CIE | ETE | TW | PR | OR | Total | L | P | T | ODL | Total |
| | | MDM | - | - | - | 2 | - | - | 50 | - | - | 50 | - | - | - | 2 | 2 |
| | Internship | | - | 24 | - | - | - | - | 400 | - | - | 400 | - | 12 | - | - | 12 |
| Total | | | - | 24 | - | 2 | - | - | 450 | - | - | 450 | - | 12 | - | 2 | 14 |

Final Year B.Tech Semester-VIII

| Course Code | Course Name | Course Type | Teaching Scheme(Hrs/week) | | | | | Examination Scheme | | | | | | Credits | | | | | |
|--------------|----------------------|-------------|---------------------------|----|---|----|-----|--------------------|-----|-----|-----|-----|-------|---------|---|---|----|-----|-------|
| | | | L | P | T | OL | ODL | CIE | ETE | TW | PR | OR | Total | L | P | T | OL | ODL | Total |
| | | PCC | 1 | 2 | - | 2 | - | 40 | 60 | - | 50 | - | 150 | 1 | 1 | - | 2 | - | 4 |
| | | PEC | 1 | 2 | - | 2 | - | /40 | 60 | - | 50 | - | 150 | 1 | 1 | - | 2 | - | 4 |
| | | MDM | - | - | - | - | 2 | - | - | 50 | - | 50 | - | - | - | - | 2 | 2 | |
| | Research Methodology | | - | - | - | - | 4 | - | - | 100 | - | 100 | - | - | - | - | 4 | 4 | |
| | Project | | - | 12 | - | - | - | - | - | 100 | - | 100 | 200 | - | 6 | - | - | 6 | |
| Total | | | 2 | 16 | - | 4 | 6 | 80 | 120 | 250 | 100 | 100 | 650 | 2 | 4 | - | 6 | 6 | 20 |

Abbreviations:

L- lecture

ETE- End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

T- Tutorial

PR- Practical

T: 1 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

OR- Oral



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Second Year M.Tech (SYMT) - Semester-III

| Course Code | Course Name | Course Type | Teaching Scheme | | | Examination Scheme | | | | | |
|--------------|-----------------------|-------------|-----------------|----|--------|--------------------|-----|-----|----|----|-------|
| | | | OL | P | Credit | CIE | ETE | TW | PR | OR | Total |
| | Internship | ELC | 1 | 24 | 13 | - | | 250 | | 50 | 300 |
| | Dissertation Stage -I | ELC | 1 | 12 | 7 | - | - | 100 | | | |
| Total | | | 2 | 36 | 20 | - | | 350 | - | 50 | 400 |

Abbreviations:

L- lecture

P- Practical

ODL- Open Distance Learning

CIE-Continuous Internal Evaluation

ETE- End Term Evaluation

TW- Term work

PR- Practical

OR- Oral

L : 1 Hr.= 1 credit

P: 2 Hr. = 1 Credit



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Second Year M.Tech (SYMT) - Semester-IV

| Course Code | Course Name | Course Type | Teaching Scheme | | | Examination Scheme | | | | | |
|--------------|-----------------------|-------------|-----------------|----|--------|--------------------|-----|-----|----|-----|-------|
| | | | OL | P | Credit | CIE | ETE | TW | PR | OR | Total |
| | Dissertation Stage II | ELC | 1 | 38 | 20 | - | - | 200 | - | 100 | 300 |
| Total | | | 1 | 38 | 20 | - | - | 200 | - | 100 | 300 |

Abbreviations:

L- lecture

P- Practical

ODL- Open Distance Learning

CIE-Continuous Internal Evaluation

ETE- End Term Evaluation

TW- Term work

PR- Practical

OR- Oral

L : 1 Hr.= 1 credit

P: 2 Hr. = 1 Credit



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Ph.D. Progress Review and Final Viva

- Research candidates have to appear before RAC (Research Advisory Committee) to present a **progress seminar every six months** i.e in December and July of every year.
- The candidate shall submit a **progress report** to the Supervisor who shall forward it along with progress evaluation report to the Dean Academics.
- After minimum 6 successful research progress reviews, the candidate has to appear for a **pre-synopsis presentation** in front of RAC, faculty and research candidates.
- The synopsis shall be accepted only when the Ph.D candidates have published their research work as per guidelines from the Research center/Institution.
- The procedure for the **appointment of examiners** shall be undertaken soon after the candidate submits his/her synopsis.
- The candidate shall be allowed to **submit his/her thesis** within three months after the date of submission of the synopsis,
- After receiving the two positive reports with specific recommendation of conduction for **viva-voce examination** received from the external examiner, viva shall be scheduled to the nearest date as per availability of the members.
- After satisfactory completion of Viva-voce/defense the **provisional result** shall be officially declared by the CoE

| Ph. D. Course Work Computer Engineering (Second Year) | | | | | | | | | | | | | | |
|---|-------------------|-----------------|---|---|----|-----|--------|-------------------------------|------|-----|----|----|----|-------|
| Course Code | Course Name | Teaching Scheme | | | | | | Examination Scheme | | | | | | |
| | | L | P | T | OL | ODL | Credit | CI E | MT E | ETE | TW | PR | OR | Total |
| P24CE201 | Progress Review-1 | Semester 3 | | | | | | As per guidelines given in RR | | | | | | |
| P24CE202 | Progress Review-2 | Semester 4 | | | | | | As per guidelines given in RR | | | | | | |

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| Ph. D. Course Work Computer Engineering (Third Year) | | | | | | | | | | | | | | |
|--|-------------------|-----------------|---|---|----|------|-------------------------------|-----|-----|-----|----|----|-----|--------|
| Course Code | Course Name | Teaching Scheme | | | | | Examination Scheme | | | | | | | |
| | | L | P | T | OL | OD L | Cred it | CIE | MTE | ETE | TW | PR | O R | Tot al |
| P24CE302 | Progress Review-4 | Semester 6 | | | | | As per guidelines given in RR | | | | | | | |
| P24CE301 | Progress Review-3 | Semester 5 | | | | | As per guidelines given in RR | | | | | | | |

| Ph. D. Course Work Computer Engineering (Fourth Year) | | | | | | | | | | | | | | |
|---|-------------------|-----------------|---|---|----|------|-------------------------------|-----|-----|-----|----|----|-----|--------|
| Course Code | Course Name | Teaching Scheme | | | | | Examination Scheme | | | | | | | |
| | | L | P | T | OL | OD L | Cred it | CIE | MTE | ETE | TW | PR | O R | Tot al |
| P24CE401 | Progress Review-5 | Semester 7 | | | | | As per guidelines given in RR | | | | | | | |
| P24CE402 | Progress Review-6 | Semester 8 | | | | | As per guidelines given in RR | | | | | | | |