



Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI COLLEGE OF ENGINEERING

(Recognised by A.I.C.T.E., New Delhi & Govt. of Maharashtra, Affiliated to R.T.M.Nagpur University)

Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)

Phone : 07104 – 236381, 237307, Fax : 07104 – 237681,

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Academic and Administrative Audit

Action Taken Report

Department: Computer Technology

Date of Audit: 26/04/2022

Name of External Auditor: Dr. Rashmi Jain, S.B. Jain Institute of Technology, Nagpur

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|---|
| A. Curriculum Planning and Implementation | Curriculum Planning & implementation is found to be Satisfactory . Following points needs more concerted & dedicated focus. 1. MOOCS,SWAYAM,NPTEL etc. 2. Bloom's taxonomy needs to be implemented at advanced level. 3. Record of success of course and remedial classes needs to be maintained Overall Remark : "Satisfactory" . | 1. Students and Faculty Members are encouraged to register for MOOC, SWAYAM and NPTEL courses. 2. Faculty Members are instructed to draft questions for higher BT levels (within the Univ. syllabus content's limits) 3. Record of Remedial classes is maintained as per the guidelines given in Academic Policy |
| B. Student Admission and Mentoring | 1.Mentoring of course-end remedial classes and its success/failure impact needs to be maintained. Overall Remark : "Rest all is satisfactory." | 1. Already Implemented |
| C. Faculty Profile and Faculty Development | 1. NPTEL, MOOCS, SWAYAM need to be a regular feature for advanced learnings among faculty and students. 2.Consultancy, sponsored projects are nil, hence to be taken up. Overall Remark : "Rest all is satisfactory." | 1. Faculty members are requested and encouraged to register for such courses. 2. Process is going on. |
| D. Infrastructure and Resources | Satisfactory. | === |
| E. Student Support System and Progression | 1.Alumni involvement in final year projects and placements assistance/guidance needs to be taken up. Overall Remark : "Rest all is satisfactory." | 1. Discussed with project coordinator and Alumni Incharge for necessary steps in coming academic year |
| F. Industry Academic Interaction and Professional Activities | 1.IPR, patents, industry sponsored projects needs improvement. 2. Industrial certification courses needs to be taken up. Overall Remark : "Rest all is satisfactory." | 1. Requested faculty members to contribute , Industrial sponsored projects are available 2. Certification courses are already conducted, and some are planned to conduct in coming semesters |
| G. Continuous Evaluation | Satisfactory. 1.Bloom's Taxonomy needs to be propagated with proper training. Overall Remark : "Rest all is satisfactory." | 1.Faculty members are already made aware of Blooms taxonomy by conducting brain storming sessions at department level. |

Mhase

Date:24/05/2022

Name and Signature of HOD



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Academic and Administrative Audit

Action Taken Report

Department: Computer Science & Engineering

Date of Audit: 26/04/2022

Name of External Auditor: Dr. Shailendra Aote, RCOEM, Nagpur

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|---|
| A. Curriculum Planning and Implementation | Most of the files are updated. Few suggestions to add few hard copies of few documents to be done. | Working on missing documents in few files |
| B. Student Admission and Mentoring | All related files and related documents available | All mentoring files are updated |
| C. Faculty Profile and Faculty Development | STR must improve. Number of PhD registration should increases. Paper indexing must check in UGC-care | Discussion has to be done on STR. Faculties are motivated to do PhD registration. Paper Publication are in UGC Journal. |
| D. Infrastructure and Resources | Infrastructure and Resources are available as per norms | ----- |
| E. Student Support System and Progression | OK. Student support system in placed. | ---- |
| F. Industry Academic Interaction and Professional Activities | OK. Professional chapter and Activities – Needs improvements | Process of CSI professional chapter in process. Activities under forum will increases |
| G. Continuous Evaluation | Continuous evaluation is in process for current semester. For previous semesters it has been done. | Continuous evaluation for previous semester are in process. |

Date:

Name and Signature of HOD

Dr. Leena H. Patil



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Academic and Administrative Audit

Action Taken Report

Department: Electronics & Communication Engineering Department

Date of Audit: 27/04/2022

Name of External Auditor: Dr. M. A. Hasamnis, RCOEM

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|---|
| H. Curriculum Planning and Implementation | 1) Institute Academic Calender inline with university calendar 2) COs, POs and PSOs available. COs need to be redefined. 3) Teaching plan for all courses available. | COs will be redefined for new RTMNU syllabus progressively. COs for second year will be finalized till 30 th June 2022 |
| I. Student Admission and Mentoring | 1) 99.17% student Admission. 2) Mentoring Scheme exists 3) Effective measure of fast and slow learners needs to be improved. | Measures for slow and advanced learners will be implemented as per new academic policy for second year from this session |
| J. Faculty Profile and Faculty Development | 1) Good Faculty retention. 2) Research Publications by faculty need to be improved. 3) Lack of consultancy 4) Good No. of faculty attended workshops seminars/ FDPs. | Already identified some projects / products for incubation center. The success of this will help us in getting consultancy. Also trying to get consultancy projects from nearby industries. Faculty members have been asked to increase the number of publications. |
| K. Infrastructure and Resources | 1) ICT enabled classrooms. 2) Well- equipped laboratories. 3) Department library with good number of book titles. | Infrastructure and resources are already available as per the norms. |
| L. Student Support System and Progression | 1) Career Guidance programs are conducted. 2) Placement needs to be improved. | To improve placement, the department has planned one certificate course of 45 days on “Salesforce Admin & Development” from 07/05/2022 for final year students. This has huge |

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| | | job market and hence expecting to improve placement. |
| M. Industry Academic Interaction and Professional Activities | 1) Good Industry Internship. 2) Guest lecture by Industry Person 3) Less Industry sponsored projects. | In this session we have 2 sponsored projects but we will try to improve number in next session. |
| N. Continuous Evaluation | 1) Internal Question papers set as per Blooms Taxonomy. 2) Continuous evaluation process is in place. | Continuous evaluation process followed in the department is as per the academic policy and the guidelines provided by Dean academics. |

Date: 02/05/2022

Dr. Mrs. A.P. Rathkanthiwar

Name and Signature of HOD



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Academic and Administrative Audit

Action Taken Report

Department: Electrical Engineering

Date of Audit:27/04/2022

Name of External Auditor: Dr. P.V. Thakre, GPCOE

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|--|--|--|
| O. Curriculum Planning and Implementation | <p>Most of the points of the above criteria is satisfactory. In some point improvements is required as given below-</p> <ol style="list-style-type: none">1) Course files are to be improved.2) Few certification courses to be included.3) Industry sponsored project to be implemented | <p>All subject teachers are instructed to work and update session-wise data on the points in course file.</p> <p>-One certificate course on Industrial Automation conducted for 6 Sem.</p> <p>-One certificate course in pipe line for 4 Sem</p> <p>Final year project allotted in 7th Sem which started in online mode. So, students were not able approach to industries and were also not entertained. From next session, will try to improvise.</p> |
| P. Student Admission and Mentoring | <p>90% points of the criteria is satisfactory. Few parameters could be improved-</p> <ol style="list-style-type: none">1) More parameters required to identify slow and fast learner. | <p>Two parameters of academic policy were communicated. But in online mode, as previous Sem result are 100%, hence that parameter is not considered. So, it was suggested to add more parameter.</p> <p>All T-G are suggested to increase frequency of interaction.</p> |

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|--|
| | 2) Effectiveness of TG scheme is required based on outcome | |
| Q. Faculty Profile and Faculty Development | <p>95% file work as satisfactory</p> <p>1) Number of paper in reputed journal UGC/WoS/Scopus to be improved.</p> <p>2) Conference paper to be improved</p> <p>3) At least one FDP to be organised</p> | <p>Faculty members are motivated and encouraged to have publications in referred journals and participation in conference.</p> <p>Planning for one FDP on EV</p> |
| R. Infrastructure and Resources | Ok | |
| S. Student Support System and Progression | <p>Alumni meet to be conducted.</p> <p>Alumni involvement in final year projects to be improved</p> | <p>Alumni meet is planned to be conducted on 28/05/2022.</p> <p>Interaction of Alumni Mr. Tajdar Batch 2017 with final year students was organised on 12/05/2022.</p> |
| T. Industry Academic Interaction and Professional Activities | <p>Industries based participation should be improve</p> <p>IPR workshop to be conducted</p> | <p>MoU signed with Maximum Solution and conducted Automation course.</p> <p>SEEM Student chapter registration is in process.</p> <p>Presentation on funding agencies conducted on 08/05/2022.</p> <p>Workshop on IPR will be planned soon.</p> |
| U. Continuous Evaluation | Stakeholder meeting to be conducted | <p>Completed with student and faculty.</p> <p>Alumni, Parents and Industry stakeholder meeting planning; is in process.</p> |

Date: 13/05/2022

Name and Signature of HOD

(Dr. R. A. Keswani)



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Academic and Administrative Audit

Action Taken Report

Department: CE

Date: 28/04/2022

Name of External Auditor: Dr. P.Y.Pawade, GHRCOE

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|--|---|---|
| V. Curriculum Planning and Implementation | 1) Overall perform for curriculum planning and implementation is very good. 2) Suggestion for organizing more number of workshops, open ended experiment in each practical subject. | — This year we have organized two workshops and will organized four more workshops in next year. |
| W. Student Admission and Mentoring | 1) Student admission in mentoring Sr. No. 20,27,29 are in process. 2) Suggestion for organizing extra lectures for slow learner students. | — Organized extra lectures and counseling done for slow learner students. |
| X. Faculty Profile and Faculty Development | 1) Motivate the faculties for NPTEL, swyam - MOOC certificate courses. 2) Suggestion to upload notes on website. 3) Suggestion to upload assignment on website. 4) Motivate the faculties for consultancies. 5) Motivate the faculties to participate in FDP. 6) Suggest to organize FDP/STTP and conference. 7) Suggest to organize training programme for technical and administrative staff. | Motivated to faculty through meeting. Uploaded on google classroom and also in student groups. Uploaded on google classroom and also in student groups. In process. Motivated to faculty through meeting. Will organize in next session. In process |
| Y. Infrastructure and Resources | | |
| Z. Student Support System and Progression | 1) Placement number should be improved. 2) Higher studies students. | Motivated the students for training and placement. |

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| | progression need to be improve. | Guest lecture organized for higher studies. |
| AA. Industry Academic Interaction and Professional Activities | Professional societies chapter to be added. | In process initial discussion is over. |
| BB. Continuous Evaluation | Overall work at the department is satisfactory. | — |

Date: 03/05/2022

Dr.R.M. Dhoble

Name and Signature of HOD



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Academic and Administrative Audit

Action Taken Report

Department: Chemical Engineering

Session-2021-2022

Date of Audit:27/04/2022

Name of External Auditor: Dr.G.P.Lakhawat

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|---|
| A. Curriculum Planning and Implementation | 1. All the documents & files Were available & updated for the given session 2. All the files were nicely prepared. | Documentation would be continued in similar way. |
| B. Student Admission and Mentoring | 1. Everything was available & updated for the given session. 2. All the files were found excellent | Documentation would be continued in similar way. |
| C. Faculty Profile and Faculty Development | 1. All the related data is available and updated for the require session. 2. All the supporting documents are as per norms. | Documentation would be continued in similar way. |
| D. Infrastructure and Resources | 1. Well established infrastructure. 2. All related data available. | Documentation would be continued in similar way. |
| E. Student Support System and Progression | 1. All the documents & files were available as per requirements & updated for the given session. 2. All the files were excellently prepared. | Documentation would be continued in similar way. |
| F. Industry Academic Interaction and Professional Activities | 1. All relevant documents available 2. Needs more activities. 3. satisfactory | More industrial related activities would be taken like industrial meet, guest lecture from industrial person, industrial live projects etc. |
| G. Continuous Evaluation | 1. The required data as well as the supporting documents are available. 2. The files are updated as per the norms for the required academic session. | Documentation would be continued in similar way. |

Date:

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Academic and Administrative Audit

Action Taken Report

Department: Electronics and Power

Date of Audit:27.4.2022

Name of External Auditor:Dr. P. V. Thakre, GPCOE

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|--|--|
| A. Curriculum Planning and Implementation | 1. Table for adherence as per date required 2. Time slot for co-curricular and extra curricular activities are to be added. 3. CO-PO attainment process required. 4. Elective selection process is required. 5. Curriculum gap is to be identified. | 1. Conveyed to academic coordinator to prepare department academic calendar and to prepare Table for adherence. 2. Conveyed to Time Table Incharge. 3. CO-PO attainment process required-conveyed to all subject teachers. 4. Conveyed to academic coordinator. 5. In process. |
| B. Student Admission and Mentoring | 1. More parameters should be introduced to identify slow and advanced learners. | 1. Conveyed to all subject teachers. |
| C. Faculty Profile and Faculty Development | 1. NPTEL/MOOC Courses 2. Self learning 3. Availability of material on web site. 4. Virtual lab for experimentation 5. Encouragement for project and self learning based projects. 6. Consultancy and sponsored projects. 7. Conference papers 8. Professional membership. | Conveyed to all teachers to make necessary improvement in serial No. 1 to 8. |
| D. Infrastructure and Resources | 1. Smart class room is in process. Need to be available at earliest. | 1. Discussed with the concern Incharge. |

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| E. Student Support System and Progression | 1. Placement to improve | 1. Placement incharge asked to collect the data from alumni and also ask to take efforts in the view of placements. |
| F. Industry Academic Interaction and Professional Activities | 1. Industrial certification courses , IPR, industry innovative initiations, | 1. Teachers ask to take efforts in this direction. |
| G. Continuous Evaluation | 1. Attainment sheet of PO, PSO for 2021-22 is require to complete. 2. Assignment evaluation with blooms taxonomy and COS is required. | Conveyed to all teachers to make necessary improvement in serial No. 1 to 2. |

Date:24/5/22

Name and Signature of HOD

Dr. K. B. Porate



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Academic and Administrative Audit

Action Taken Report

Department: Mechanical Engineering Department

Date of Audit:26/04/2022

Name of External Auditor: Dr. S. S. Choudhary, YCCE

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|--|---|---|
| CC. Curriculum Planning and Implementation | <ul style="list-style-type: none">◆ Summary required◆ Date of Release of AC◆ Document Supporting to AC need to be Completed Which Correctly inline with AC | <ul style="list-style-type: none">◆ Summary Prepared◆ Date of Release of AC mentioned◆ Document Completed |
| DD. Student Admission and Mentoring | <ul style="list-style-type: none">◆ Student Admission/number doc.not observed◆ Identification of weakly bright student doc. not Observed no sign | <ul style="list-style-type: none">◆ Document Prepared◆ Sign is done |
| EE. Faculty Profile and Faculty Development | <ul style="list-style-type: none">◆ Number of NPTEL Swayam-MOOC certification per faculty data needs lot to improve.◆ Encouragement for Self Learning is required◆ No of Training programs for technical and admin Staff organized data is available in softcopy. | <ul style="list-style-type: none">◆ Number of NPTEL Swayam- MOOC certification per faculty data needs lot to will be improve.◆ Encouragement for Self Learning will be done◆ Hardcopy is prepared |
| FF. Infrastructure and Resources | Maintenance and Cleanliness data is nicely maintained | ---- |

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| GG. Student Support System and Progression | <ul style="list-style-type: none"> ◆ Functioning of T&P improvement require ◆ Sports activity conducted individual sport report required | <ul style="list-style-type: none"> ◆ Functioning of T&P will be improved. ◆ Individual sport report prepared |
| HH. Industry Academic Interaction and Professional Activities | <ul style="list-style-type: none"> ◆ IPR workshop, Industry Innovation Initiatives needs to improve ◆ Technical Events under Professional Societies not seen | <ul style="list-style-type: none"> ◆ IPR workshop, Industry Innovation Initiatives will be improve ◆ Technical Events under Professional Societies is under pipe line |
| II. Continuous Evaluation | <ul style="list-style-type: none"> ◆ Implementation of AICTE Examination Reforms needs improvement ◆ Transparency in Mechanism of internal assessment no proof. | <ul style="list-style-type: none"> ◆ Implementation of AICTE Examination Reforms will be improve ◆ Transparency in Mechanism of internal assessment proof made. |

Date:

Name and Signature of HOD

Dr.I.A.Khan



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Academic and Administrative Audit

Action Taken Report

Department: Department of Artificial Intelligence and Data Science

Date of Audit: 26/04/2022

Name of External Auditor: Dr. Shailendra Aote, RCOEM Nagpur

| Criteria | Observations and Suggestions given by Audit committee | Action Taken |
|---|---|--|
| A. Curriculum Planning and Implementation | <ol style="list-style-type: none"> 1. Assessment process needs to complete 2. Letters communicate to university. 3. Gap need to identify | <ul style="list-style-type: none"> • Curriculum gap is identified and same is communicated to AI&DS board for syllabus upgradation • CAT-1 assessment is in process |
| B. Student Admission and Mentoring | <ol style="list-style-type: none"> 1. Special remedial/revision classes in process 2. Above and below threshold in internal test needs to identify | <ul style="list-style-type: none"> • Upper and lower threshold in internal test marks are identified and same is communicated to all faculties. • Weak and bright students are identified and time table for Remedial classes are displayed. |
| C. Faculty Profile and Faculty Development | <ol style="list-style-type: none"> 1. Needs more innovation in teaching learning like animation, simulations etc 2. Faculty publication needs improvement | <ul style="list-style-type: none"> • All faculties are requested to include new teaching methodologies in their teaching plan • All are requested to publish one paper per semester in UGC approved journals |
| D. Infrastructure and Resources | <ol style="list-style-type: none"> 1. Infrastructure available need to identify labs 2. PC's in computer lab yet to receive | <ul style="list-style-type: none"> • Labs are identified and procurement of equipment's and PC's are submitted for approval |
| E. Student Support System and Progression | <ol style="list-style-type: none"> 1. Career guidance can be given from second year only | <ul style="list-style-type: none"> • CRT is included at second year level and all students of 2nd year are participated in it. |
| F. Industry Academic Interaction and Professional Activities | <ol style="list-style-type: none"> 1. Professional activities should be organized 2. Should start industry interaction | <ul style="list-style-type: none"> • III cell is activated in the department • Extracurricular activity and technical activities are planned in the department |

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| G. Continuous Evaluation | <ol style="list-style-type: none"> 1. Partially implemented 2. Suggestions given for implementation | <ul style="list-style-type: none"> • All faculties instructed to follow BT level while setting CAT and sessional papers and also requested to regularly evaluate practical journals and assignment. |
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Date:17/05/2022

Dr. G. M. Asutkar