| | **S J P N Trust's** | **CSE Dept.** |
| --- | --- | --- |
| | **Hirasugar Institute of Technology, Nidasoshi.** | **Academics** |
| | **Inculcating Values, Promoting Prosperity** | |
| | Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. | **Minutes** |
| | **Accredited at 'A' Grade by NAAC** | |
| | Programmes Accredited by NBA: CSE, ECE, EEE & ME | **2020-21** |

Date: 25/11/2021

# Meeting Notice

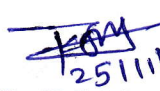The academic audit is scheduled on 27/11/2021 in Computer Science and Engineering department.

You are requested to make it convenient to attend the same.

## AGENDA:

1. To conduct the academic audit of year 2020-21.

2. To discuss the scope for improvement in the department.

Members of audit committee:

| Sr. No. | Name of member | Designation | Institute |
| --- | --- | --- | --- |
| 1 | Dr. S. H. Angadi | Professor & Head, Department of Computer Science & Engineering, | Rural Engineering College, Hulakoti |
| 2 | Dr. K. B. Manwade | Associate Professor, CSE department | Hirasugar Institute of Technology, Nidasoshi |
| 3 | Dr. R. R. Maggavi | Associate Professor, ECE department | Hirasugar Institute of Technology |
| 4 | Prof. S. V. Manjaragi | HOD CSE department | Hirasugar Institute of Technology |

25/11/2021

(Dr.K.B.Manwade)
Academic Audit coordinator

25/11/2021

(Prof. S. V. Manjaragi)
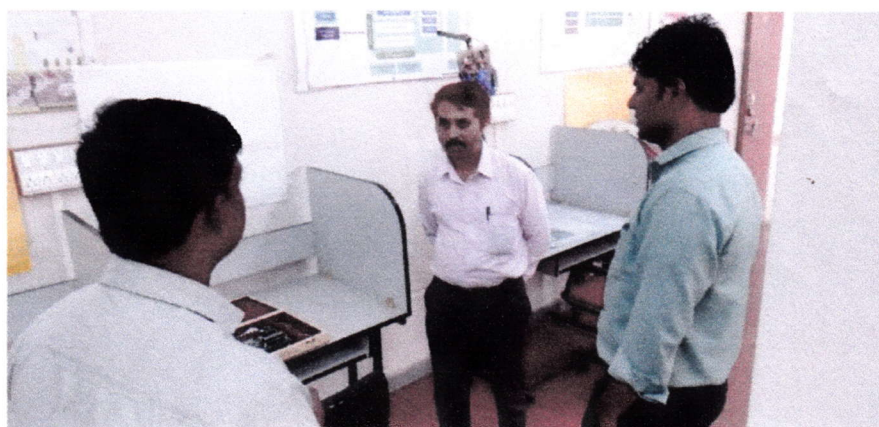HOD

H.O.D
Computer Science & Engg
HIT, Nidasoshi.

# Minutes of meeting

The academic audit meeting was conducted in the HOD office. The audit was conducted as per given criteria: curriculum and delivery, faculty profile, students profile, infrastructure, activities of the department. Criteria wise documents are verified and observations are noted by the audit committee members. Also valuable suggestions for improving the activities in the department were given by the committee members.

Followed by academic audit, the committee members visited class rooms, laboratories, department library, seminar hall etc.

**Photos:**

| | | CSE Dept. |
|---|---|---|
| **S J P N Trust's** | | Academics |
| **Hirasugar Institute of Technology, Nidasoshi.** | | Minutes |
| Inculcating Values, Promoting Prosperity | | |
| Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. | | 2020-21 |
| Accredited at 'A' Grade by NAAC | | |
| Programmes Accredited by NBA: CSE, ECE, EEE & ME | | |

29/11/2021

(Dr.K.B.Manwade)
Academic Audit coordinator

29/11/2021

(Prof. S. V. Manjaragi)
HOD

H.O.D
Computer Science & Engg.
HIT, Nidasoshi.

S. J. P. N. Trust's

# Hirasugar Institute of Technology,
# Nidasoshi - 591 236

Dist. : Belagavi. Karnataka.

"INCULCATING VALUES, PROMOTING PROSPERITY"

(Affiliated to Visvesvaraya Technological University, Belagavi.and Approved by All India Council for Technical Education, New Delhi.)

**Accredited at "A" Grade by NAAC**
**Programs Accredited by NBA : CSE, ECE, EEE & ME.**

**Prof. S. C. Kamate** Ph.D.
**Principal**

Ref. : HIT/NDS/ 2021-22/ CSE/ 1106          Date : 2 4 NOV 2021

To,

Dr. S. H. Angadi

Professor and Head, Computer Science & Engg.

Rural Engineering College, Hulkoti-582205

Dist.: Gadag, Karnataka

Subject: Invitation as the member of panel for an Academic audit of Computer Science and Engg. Department reg...

Dear Sir,

With reference to the subject cited above, I would like to invite you to be the member for an Academic audit (external) panel for the Department of Computer Science and Engineering, Hirasugar Institute of Technology, Nidasoshi. The Audit process is scheduled to be held on: **27/11/2021** in the Department premise.

Kindly communicate your acceptance at earliest.

Anticipating a favorable reply from your end.

Thanking you,

Received

PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi- 591 236

Ref. : HIT/NDS/2021-22/CSE/1114                    Date : 2 7 NOV 2021

# *Letter of Appreciation*

Dr. S. H. Angadi,

Professor and Head (CSE), REC, Hulkoti,

Thank you for being the member of Academic Audit Panel and taking active part in successful completion of audit of the Department of Computer Science and Engineering.

We appreciate you making time in your busy schedule.

Thank you again for your time.

PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi- 591 236

Received
(Dr. S. H. Angadi)
27/11/2021

| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | Academic |
| | *Inculcating Values, Promoting Prosperity* | Academic Audit-Report |
| | Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi | |
| | Recognized under 2(f) &12B of UGC Act, 1956 | 2021-2022 |
| | **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE**. | |

# Academic Audit Report: 2021-22

| Program Name: **Computer Science and Engineering** | | |
|---|---|---|
| **Members of Academic Audit Committee:** | 1 | **Prof. S. V. Manjaragi, HOD, CSE Dept., HSIT, Nidasoshi.** |
| | 2 | **Dr. Amol B. Rajmane, Professor, Dept. of CSE, DKTE College of Engineering, Ichalkaranji, Maharashtra.** |
| | 3 | **Dr. M. M. Shivashimpi, Associate Professor, ME Dept. , HSIT, Nidasoshi** |
| | 4 | **Dr. K. B. Manwade, Associate Professor, CSE Dept., HSIT, Nidasoshi** |
| Academic Audit Date: **25th Feb 2023** | | |

| Criterion | Items | Observation/Comment | Remarks/Suggestions for improvement, if any |
|---|---|---|---|
| **Curriculum and Delivery** | Course Plan and Syllabus Coverage | Course plans of all the courses are prepared well before the commencement of semester and the average syllabus coverage is 100%. | -Syllabus is covered as per the teaching plan.<br>- Suggested to include content beyond the syllabus in course plan. |
| | Teaching methods & Teaching aids | It is observed that the faculties have adopted the innovative teaching methods such as experiential learning and problem based learning along with chalk and board. The faculties have used the ICT enabled tools such as PPT, NPTEL videos, charts/models, etc. | The innovative teaching-learning methods adopted by the faculties are appreciated and few more methods such as participative learning methods may be adopted. |
| | Attendance records, number of classes engaged | Attendance records of the students are maintained in the faculty diary. Students having less attendance are counseled in central counseling meeting. | Sufficient number of classes has been engaged to cover the syllabus prescribed by the University. |
| | Feedback from students on Teaching &Learning and steps taken. | -Online feedback on teaching-learning is collected from students twice in a semester and analyzed.<br>- The feedback questionnaire is chosen from the AICTE feedback format.<br>-Faculty who has received good feedback is given letter of appreciation and advisory note has been issued to the faculty who has received poor feedback in order to improve upon lagging areas. | The feedback on teaching learning process and action taken is satisfactory. |

| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | Academic |
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| | Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE. | |

| | | | |
|---|---|---|---|
| **Curriculum and Delivery (contd..)** | Quality of CIE Question Paper and Assignment | - The IA and assignment questions are set to cover the entire syllabus as per the RBT levels and mapped with COs and POs/PSOs.<br>-The scheme of evaluation for IA is prepared for all the courses and the evaluation process of IA scripts and assignment is found to be satisfactory. | Exercise Questions may be given as assignments. |
| | Parents meeting/students' progress | - The attendance and IA performance is sent to parents through SMS.<br>- The weak students are counseled by respective course coordinators, mentors, and remedial classes are conducted to improve their performance.<br>- The IA toppers are awarded with rare reading books. | Suggested to conduct parents meeting to discuss about progress of their wards. |
| | Continuous assessment of Internal for theory / Practical/Project/Seminar | Continuous assessment is carried out by the faculty for theory /practical /seminar/project as per the University guidelines. All relevant documents are maintained properly. | |
| | SEE results analysis and Counseling | Semester wise and subject wise SEE result analysis is done regularly after the announcement of results by the University. | |
| | Attainment Level of COs POs and PSOs | The course assessment is carried out and calculated the attainment levels of COs, POs & PSOs by the respective course coordinators and submitted a Faculty Course Assessment Report (FCAR). | |
| **Faculty Profile** | Funded Projects completed / on-going | - Faculties have applied for funded projects to various agencies such as VGST, Bengaluru.<br>- No Funded Projects sanctioned during the A.Y 2021-22, however, received grant of Rs. 2 Lacs from VGST, Bengaluru for organizing FDP and also funds received for students' projects from KSCST, Bengaluru. | Suggested to apply for the funded projects to Govt. and private organizations. |

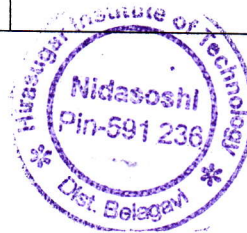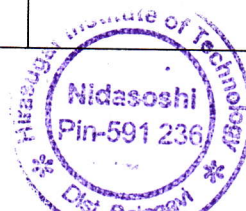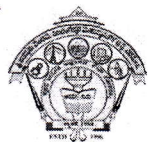| | S J P N Trust's | CSE Dept. |
| --- | --- | --- |
| | **Hirasugar Institute of Technology, Nidasoshi.** | Academic |
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| | **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE.** | 2021-2022 |

| | | | |
| --- | --- | --- | --- |
| **Faculty Profile (Contd…)** | Seminars/Conferences attended/paper presented. | - All faculties have attended seminars/Webinar.<br>- Few faculties have participated in conferences. | -Encourage faculty to attend seminars/ workshop in premier Institutes like NIT/IIT/IIIT and research organizations.<br>-Faculty may be motivated to participate in the IEEE/Springer/ conference held in reputed organizations |
| | Research Papers/ Patents / books published | Many faculties have published papers published in SCI, SCOPUS indexed and UGC approved journals. | Suggested to apply for the patents. |
| | FDP / Training Program / Workshop attended | All the faculties have attended FDPs/Workshops and training programs. | Encourage faculty members to attend workshops/FDP organized by reputed Institutes like NIT/IIT/IIIT, etc. |
| | Preparation of E- learning content. | The faculties have developed e-learning content and uploaded to college website for easy access to students. | |
| | Acted as resource persons | It is observed that few faculties have acted as resource persons. | Suggested to take part in workshops, Conferences etc. as resource persons. |
| | Progress in higher studies | 2-Facullties have completed PhD during year. | |
| **Students Profile** | Students involvement in extra-curricular & Co curricular activities | - Various co-curricular and extra-curricular activities have been planned and organized for students at department/college Level and records are maintained.<br>- Many students took part in Swatch Bharat Abhiyan, Unnat Bharata Abhiyan etc. and many other extension Activities. | Suggested to encourage the students for participating in inter-Institute / University/ state/ National Level activities. |
| | Study tour / industrial visits /exhibitions / Internship / Training | - Industry visits were organized.<br>- All students have undergone through industry internship. | |
| | Achievements and Academic performance | - Good number of students got FCDs and FCs in SEE.<br>- Two student projects are sponsored by KSCST, Bengaluru and received funds. | -Suggested to take necessary steps to get the University ranks. |
| **Infrastructure** | No. of class rooms | Sufficient class rooms and tutorial rooms are available with ICT facility. | |

| | S J P N Trust's | CSE Dept. |
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| | | | |
|---|---|---|---|
| **Infrastructure (Contd...)** | No. of laboratories | There are total 7 ICT enabled laboratories available with good ambiance, Internet connectivity and UPS. | |
| | No. of computers available in the department for students for staff | The department has 150+ computer systems with Internet connection for the students and staff. | Suggested to upgrade the computer systems. |
| | Computer- Students ratio | Almost 1:1 | |
| | No. of Computers for research | The Department has University recognized Research Center. The research lab is established with latest Computer Systems and necessary software. | |
| | Quality of Equipment's | It is observed that quality of equipment's are good and well maintained. The periodic maintenance of the computer systems/ equipments is done. | |
| | Department Library | Department library has 850+ text books. | |
| **Activities of the Department** | MoU Signed | Department has signed MoUs with 10 software companies, and Institute has signed MOUs with BOSH Academic alliance, Bengaluru and, Crientors, Belgaum during the year. | . |
| | Consultancy/ Collaborations | No consultancy activities observed in the Department. | Efforts to be made for consultancy / collaborative work. |
| | Guest lecturers arranged | Observed that number of Guest lecture / Seminars /Quizzes/ Webinars/ Workshops/ Invited talks were planned and conducted throughout the year, activity reports are prepared and Impact analysis of activities is done w.r.t mapped POs/PSOs. | Suggested to organize few more guest lectures by Industry experts and alumni |
| | Conference / Seminar /Workshop conducted | Workshops/ Seminars have been organized in the Department and documents are maintained. | Suggested to organize Conference |

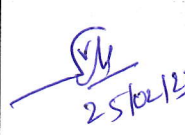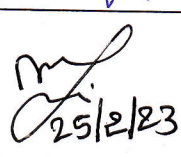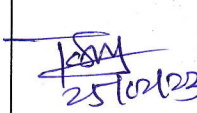| | S J P N Trust's | CSE Dept. |
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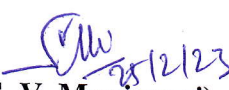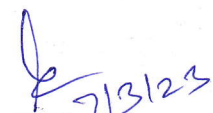| | Extension Activity | Many extension activities such as Blood donation camp, health check up camps, tree plantation, etc are organized through NSS unit of the college. | |
|---|---|---|---|
| | Interaction with Industry / Research Centers /Educational Institutions | Several industry interaction activities such as expert talks, workshops, industrial visits and internships were organized and properly documented. | -Suggested to have few more Interactions with Industry. |
| | Newsletters / Magazines | -Department prepares and published newsletter covering activities of the department. | -Suggested to publish Technical magazines at Institute level |
| | Training &Placement | - Many Training activities are conducted by the TP cell.<br>-Substantial improvement in placements in reputed companies. | -Trainig activity should be started from 3rd semester to students. |
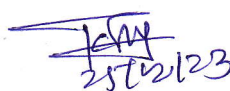
**Signatures of the Internal Academic Audit Committee Members:**

| Sl. No. | Name of the Audit Committee Member | Category | Signature |
|---|---|---|---|
| 1. | Prof. S. V. Manjaragi, HOD, Computer Science & Engineering Department, HSIT, Nidasoshi | Chairman | *signature* 25/02/23 |
| 2. | Dr. Amol B. Rajmane, Professor, Computer Science & Engineering Department, DKTE College of Engineering, Ichalkaranji, Maharashtra. | Senior faculty member from outside the Institute | *signature* 28/2/23 |
| 3. | Dr. M. M. Shivashimpi, Associate Professor, Mechanical Engineering Department, HSIT, Nidasoshi | Senior faculty member from Mechanical Engg. department | *signature* 25/2/23 |
| 4. | Dr. K. B. Manwade, Associate Professor, Computer Science & Engineering Department, HSIT, Nidasoshi | Senior faculty member from the CSE Department | *signature* 25/02/23 |

*signature* 25/02/23
**(Dr. K. B. Manwade)**
**Academic Audit coordinator**

*signature* 25/12/23
**(Prof. S. V. Manjaragi)**
**HOD**
Computer Science & Engg.
HIT, Nidasoshi

*signature* 7/3/23
**(Dr. S. C. Kamate)**
**Principal**
Hirasugar Institute of Technology
NIDASOSHI-591236

S J P N Trust's
# Hirasugar Institute of Technology, Nidasoshi.
*Inculcating Values, Promoting Prosperity*
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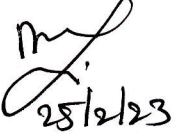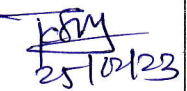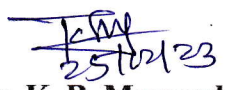
Date: 25/02/2023

# Meeting Notice

The Academic Audit Committee meeting is convened on 24th Feb. 2023 at 10.00 am in the office of HOD, for conducting audit of the academic activities of Computer Science & Engineering department carried out during the Academic Year 2021-22. You are requested to make it convenient to attend the same. Your valuable suggestions will help us to improve the quality of academics in the Department.

## AGENDA:

1. To conduct audit of the academic activities during academic year 2021-22.

2. To discuss about the improvement of quality in academics in the department.

**Members Present:**

| Sl. No. | Name of the Audit Committee Member | Category | Signature |
|---|---|---|---|
| 1. | Prof. S. V. Manjaragi, HOD, Computer Science & Engineering Department, HSIT, Nidasoshi | Chairman | 25/2/23 |
| 2. | Dr. Amol B. Rajmane, Professor, Computer Science & Engineering Department, DKTE College of Engineering, Ichalkaranji, Maharashtra. | Senior faculty member from outside the Institute | 25/2/23 |
| 3. | Dr. M. M. Shivashimpi, Associate Professor, Mechanical Engineering Department, HSIT, Nidasoshi | Senior faculty member from Mechanical department | 25/2/23 |
| 4. | Dr. K. B. Manwade, Associate Professor, Computer Science & Engineering Department, HSIT, Nidasoshi | Senior faculty member from the CSE Department | 25/02/23 |

**(Dr. K. B. Manwade)**
**Academic Audit coordinator**

**(Prof. S. V. Manjaragi)**
**HOD**
Computer Science & Engg.
HIT. Nidasoshi

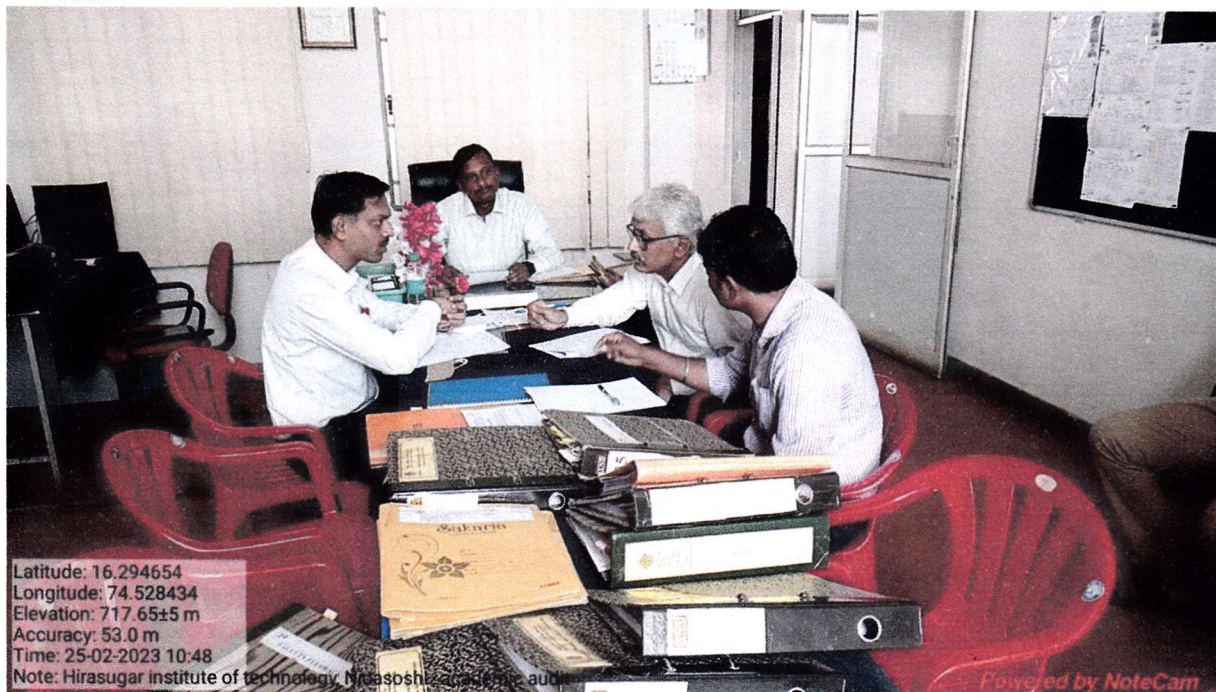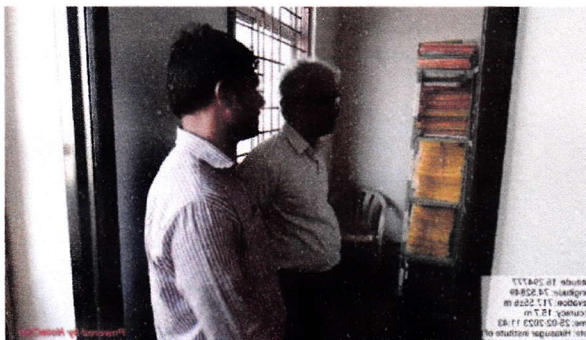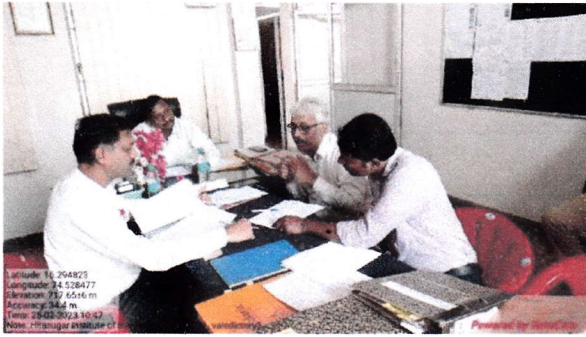| | | CSE Dept. |
|---|---|---|
| S J P N Trust's | | **Academic Audit** |
| **Hirasugar Institute of Technology, Nidasoshi.** | | **Minutes of Meeting** |
| *Inculcating Values, Promoting Prosperity* | | |
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| Recognized under 2(f) &12B of UGC Act, 1956 | | **2022-23** |
| **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE** | | |

# Minutes of meeting

The academic audit meeting is conducted in the office of HOD. The audit of the academic activities of Computer Science & Engineering department carried out during the Academic Year 2021-22 is conducted as per following criteria: curriculum and delivery, faculty profile, students profile, infrastructure and activities of the department. Criteria wise documents were verified and observations are noted by the audit committee members. Also valuable suggestions for improving the academic activities in the department were given by the committee members.

Followed by academic audit, the committee members visited class rooms, laboratories, department library, seminar hall etc.

## Photos:



Latitude: 16.294654
Longitude: 74.528434
Elevation: 717.65±5 m
Accuracy: 53.0 m
Time: 25-02-2023 10:48
Note: Hirasugar institute of technology Nidasoshi academic audit

| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | **Academic Audit** |
| | *Inculcating Values, Promoting Prosperity* | **Minutes of Meeting** |
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**(Dr. K. B. Manwade)**
**Academic Audit coordinator**

**(Prof. S. V. Manjaragi)**
**HOD**

H.O.D
Computer Science & Engg.
HIT, Nidasoshi

Ref. : HIT/NDS/CS/2022-23/1012          Date : 24/02/2023

To,

Dr. Amol B. Rajmane

Professor,

Computer Science & Engineering Department,

DKTE College of Engineering, Ichalkaranji, Maharashtra.

**Subject:** Invitation for conducting Academic audit reg...

Dear Sir,

With reference to the subject cited above, I feel very happy to invite you as Member Academic Audit Committee for conducting audit of the academic activities of Computer Science & Engineering department carried out during the Academic Year 2021-22. The Audit process is scheduled on **25/02/2023**.

I request you to kindly accept our Invitation and provide your valuable suggestions for improvement.

With regards,

Dr. S. C. Kamate
PRINCIPAL
Hirasugar Institute of Technology
NIDASOSHI-591236

Ref. : HIT/NDS/CS/2022-23/1013          Date : 25/08/2023

# *Letter of Attendance*

To,

Dr. Amol B. Rajmane

Professor,

Computer Science & Engineering Department,

DKTE College of Engineering, Ichalkaranji, Maharashtra.

Dear Sir,

Thank you very much  for accepting our invitation  and being part of Academic Audit committee and taking active part in successful completion of academic audit of Computer Science and Engineering Department.

Your valuable suggestions are highly solicited.

With regards,

Dr. S. C. Kamate
PRINCIPAL
Hirasugar Institute of Technology
NIDASOSHI-591236

S J P N Trust's

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**Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE**

Ref.No.: HSIT/CSE/Academic-Audit/98/2022-23                    Date:24-02-2023

To,

Dr. M. M. Shivashimpi

Associate Professor,

Mechanical Engineering Department,

HSIT, Nidasoshi.

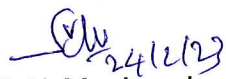**Subject:** Invitation for conducting Academic audit reg...

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I request you to kindly accept our Invitation and provide your valuable suggestions for improvement.

With regards,

Prof. S. V. Manjaragi

H.O.D

Computer Science & Engg.

HIT, Nidasoshi.

Recieved

'25/2/23

Dr. M.M. Shivashimpi

| | | CSE Dept. |
|---|---|---|
| | | **Academic Audit** |
| S J P N Trust's | | **Invitation** |
| **Hirasugar Institute of Technology, Nidasoshi.** | | |
| *Inculcating Values, Promoting Prosperity* | | **2022-23** |
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| **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE** | | |

Ref.No.: HSIT/CSE/Academic-Audit/99/2022-23                    Date:25-02-2023

# *Letter of Attendance*

To,

Dr. M. M. Shivashimpi

Associate Professor,

Mechanical Engineering Department,

HSIT, Nidasoshi.

Dear Sir,

Thank you very much  for accepting our invitation  and being part of Academic Audit committee and taking active part in successful completion of academic audit of Computer Science and Engineering Department.

Your valuable suggestions are highly solicited.

Recieved

25/2/23

Dr. M. M. Shivashimpi

With regards,

25/02/23

Prof. S. V. Manjaragi

H.O.D

Computer Science & Engg.

HIT, Nidasoshi.

DATE: 4 / 04/2023

## V O U C H E R

Sri/Smt. Dr. Amol. B. Rajamane _____ has received a sum

of Rs. _3000/-_ (in words: _Three Thanecel Rs only_ )

from the Principal Hirasugar Institute of Technology, Nidasoshi towards the payment

of _Remuneration part for Conducting Academic Audit_ by Cash/DD/NEFT/

RTGS/Cheque bearing No............... Date: 2 / / 2023.

RECEIVERS SIGN

Office Use:

HOD Sign 25/04    CLERK      ACCOUNTANT      OFFICE SUDPT.

| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | Academic |
| | *Inculcating Values, Promoting Prosperity* | Academic Audit-Report |
| | Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi | |
| | Recognized under 2(f) &12B of UGC Act, 1956 | 2023-2024 |
| | **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE** | |

# Academic Audit Report: A.Y 2022-23

| Program Name: **Computer Science and Engineering** | | |
|---|---|---|
| Members of Academic Audit Committee: | 1 | **Dr. K. B. Manwade, HOD, CSE Dept., HSIT, Nidasoshi.** |
| | 2 | **Dr. Amol B. Rajmane, Professor, Dept. of CSE, DKTE College of Engineering, Ichalkaranji, Maharashtra.** |
| | 3 | **Dr. M. M. Shivashimpi, Associate Professor, ME Dept. , HSIT, Nidasoshi** |
| | 4 | **Prof. S. V. Manjaragi, Assistant Professor, CSE Dept., HSIT, Nidasoshi** |
| Academic Audit Date: **11.01.2024** | | |

| Criterion | Items | Observation/Comment | Remarks/Suggestions for improvement, if any |
|---|---|---|---|
| **Curriculum and Delivery** | Course Plan and Syllabus Coverage | Course plans of all the courses are prepared well before the commencement of semester and the average syllabus coverage is 100%. | Syllabus is covered as per the teaching plan. |
| | Teaching methods & Teaching aids | It is observed that the faculties have adopted innovative teaching methods such as experiential learning and problem based learning along with chalk and board. The faculties have used the ICT enabled tools such as PPT, NPTEL videos, charts/models, etc. | The innovative teaching-learning methods adopted by the faculties are appreciated. |
| | Attendance records, number of classes engaged | Attendance records of the students are maintained in the faculty diary. Students having less attendance are counseled in central counseling meeting. | Sufficient number of classes are engaged to cover the syllabus prescribed by the University. |
| | Feedback from students on Teaching &Learning and steps taken. | -Online feedback on teaching-learning is collected from students twice in a semester and analyzed. - The feedback questionnaire are chosen from the AICTE feedback format. -Faculty who has received good feedback is given letter of appreciation and advisory note has been issued to the faculty who has received poor feedback in order to improve upon lagging areas. | The feedback on teaching learning process and action taken is satisfactory. |

| | S J P N Trust's | CSE Dept. |
| :---: | :---: | :---: |
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| | | | |
| :--- | :--- | :--- | :--- |
| **Curriculum and Delivery (contd..)** | Quality of CIE Question Paper and Assignment | - The IA and assignment questions are set to cover the entire syllabus as per the RBT levels and mapped with COs and POs/PSOs.<br>-The scheme of evaluation for IA is prepared for all the courses and the evaluation process of IA scripts and assignment is found to be satisfactory. | Unsolved problems may be given as assignments. |
| | Parents meeting/students' progress | - The attendance and IA performance is sent to parents through SMS.<br>- The weak students are counseled by respective course coordinators, mentors, and remedial classes are conducted to improve their performance.<br>- The IA toppers are awarded with rare reading books. | Suggested to conduct parents meeting to discuss about progress of their wards. |
| | Continuous assessment of Internal for theory / Practical/Project/Seminar | Continuous assessment is carried out by the faculty for theory /practical /seminar/project as per the University guidelines. All relevant documents are maintained properly. | |
| | SEE results analysis and Counseling | Semester wise and subject wise SEE result analysis is done regularly after the announcement of results by the University. | |
| | Attainment Level of COs POs and PSOs | The course assessment is carried out and calculated the attainment levels of COs, POs & PSOs by the respective course coordinators and submitted a Faculty Course Assessment Report (FCAR). | |
| **Faculty Profile** | Funded Projects completed / on-going | - Faculties have applied for funded projects to various agencies such as VGST, Bengaluru.<br>- No Funded Projects sanctioned during the A.Y 2022-23. | Suggested to apply for the funded projects to Govt. and private organizations. |
| | Seminars/Conferences attended/paper presented. | - All faculties have attended seminars/Webinar.<br>- Few faculties have participated and presented papers in conferences. | Faculties may be motivated to participate in the IEEE/Springer/ conferences held at reputed organizations. |

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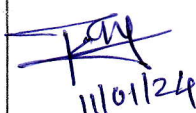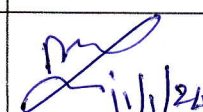| | | | |
|---|---|---|---|
| **Faculty Profile (Contd...)** | Research Papers/ Patents / books published | Many faculties have published papers published in SCI, SCOPUS indexed and UGC approved journals. | Suggested to apply for the patents. |
| | FDP / Training Program / Workshop attended | All the faculties have attended FDPs/Workshops and training programs. | Encourage faculty members to attend workshops/FDP organized by reputed Institutes like NIT/IIT/IIIT, etc. |
| | Preparation of E- learning content. | The faculties have developed e-learning content and uploaded to college website for easy access to students. Few faculties have created youtube channels and uploaded video lectures. | |
| | Acted as resource persons | It is observed that few faculties have acted as resource persons. | Suggested to take part in workshops, Conferences etc. as resource persons. |
| | Progress in higher studies | 1-Faculty has submitted Ph.D Thesis to University for evaluation. | Suggested to motivate all the remaining faculties to register for Ph.D. |
| **Students Profile** | Students involvement in extra-curricular & Co curricular activities | - Various co-curricular and extra-curricular activities have been planned and organized for students at department/college Level and records are maintained. - Many students took part in Swatch Bharat Abhiyan, Unnat Bharata Abhiyan etc. and many other extension Activities. - Many students have completed Infosys Spring board certification courses. | Suggested to encourage the students for participating in inter-Institute / University/ state/ National Level activities. |
| | Study tour / industrial visits /exhibitions / Internship / Training | - Industry visits were organized. - All students have undergone through industry internship. | |
| | Achievements and Academic performance | -Number of students secured FCDs and FCs is more in SEE. - Two student projects are sponsored by KSCST, Bengaluru and received funds. | -Suggested to take necessary steps to get the University ranks. |
| **Infrastructure** | No. of class rooms | Sufficient class rooms and tutorial rooms are available with ICT facility. | Suggested to create additional ICT enabled class rooms for the increased intake. |
| | No. of laboratories | There are total 7 ICT enabled laboratories available with good ambiance, Internet connectivity and UPS. | |

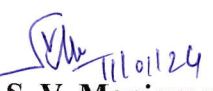| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | Academic |
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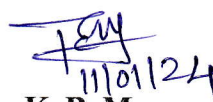| | | | |
|---|---|---|---|
| **Infrastructure (Contd…)** | No. of computers available in the department for students for staff | The department has 150+ computer systems with Internet connection for the students and staff. New computer systems with latest specification are procured. | |
| | Computer- Students ratio | 1:2 | |
| | No. of Computers for research | The Department has University recognized Research Center. The research lab is established with latest Computer Systems and necessary software. | |
| | Quality of Equipment's | It is observed that quality of equipment's are good and well maintained. The periodic maintenance of the computer systems/ equipments is done. | |
| | Department Library | Department library has 850+ text books. | |
| **Activities of the Department** | MoU Signed | Department has signed MoUs with 10 software companies, and Institute has signed MOUs with BOSH Academic alliance, Bengaluru and, Crientors, Belgaum during the year. | . |
| | Consultancy/ Collaborations | No consultancy activities observed in the Department. | Efforts to be made for consultancy / collaborative work. |
| | Guest lecturers arranged | Observed that number of Guest lecture / Seminars /Quizzes/ Webinars/ Workshops/ Invited talks were planned and conducted throughout the year, activity reports are prepared and Impact analysis of activities is done w.r.t mapped POs/PSOs. | Suggested to organize few more guest lectures by Industry experts and alumni |
| | Conference / Seminar /Workshop conducted | -Workshops/ Seminars have been organized in the Department and documents are maintained. - An international coference ICRTET 2023 is organized. | |

| | | CSE Dept. |
|---|---|---|
| **S J P N Trust's** | | Academic |
| **Hirasugar Institute of Technology, Nidasoshi.** | | Academic Audit-Report |
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| | | | |
|---|---|---|---|
| **Activities of the Department (Contd..)** | Extension Activity | Many extension activities such as Blood donation camp, health check up camps, tree plantation, etc are organized through NSS unit of the college. | |
| | Interaction with Industry / Research Centers /Educational Institutions | Several industry interaction activities such as expert talks, workshops, industrial visits and internships were organized and properly documented. | -Suggested to have few more Interactions with Industry. |
| | Newsletters / Magazines | -Department prepares and published newsletter covering activities of the department. | -Suggested to publish Technical magazines at Institute level |
| | Training & Placement | - Many Training activities are conducted by the TP cell. -Substantial improvement in placements in reputed companies. | -Training activity should be started from 3rd semester.. |

**Signatures of the Internal Academic Audit Committee Members:**

| Sl. No. | Name of the Audit Committee Member | Category | Signature |
|---|---|---|---|
| 1. | Dr. K. B. Manwade, HOD, Computer Science & Engineering Department, HSIT, Nidasoshi | Chairman | 11/01/24 |
| 2. | Dr. Amol B. Rajmane, Professor, Computer Science & Engineering Department, DKTE College of Engineering, Ichalkaranji, Maharashtra. | Senior faculty member from outside the Institute | 11/01/24 |
| 3. | Dr. M. M. Shivashimpi, Associate Professor, Mechanical Engineering Department, HSIT, Nidasoshi | Senior faculty member from Mechanical Engg. department | 11/1/24 |
| 4. | Prof. S. V. Manjaragi, Assistant Professor, Computer Science & Engineering Department, HSIT, Nidasoshi | Senior faculty member from the CSE Department | 11/01/24 |

**(Prof. S. V. Manjaragi)**
**Academic Audit coordinator**

**(Dr. K. B. Manwade)**
**HOD**

**(Dr. S. C. Kamate)**
**Principal**

Date: 11/01/2024

# Meeting Notice

The Academic Audit Committee meeting is convened on 11th Jan. 2023 at 10.00 am in the office of HOD, CSE Department for conducting audit of the academic activities of Computer Science & Engineering department carried out during the Academic Year 2022-23. You are requested to make it convenient to attend the same. Your valuable suggestions will help us to improve the quality of academics in the Department.

## AGENDA:

1. Review of academic activities carried out during the academic year 2022-23.

2. To discuss the improvement of academic quality in department.

**Members Present**:

| Sl. No. | Name of the Audit Committee Member | Category | Signature |
|---|---|---|---|
| 1. | Dr. K. B. Manwade, HOD, Computer Science & Engineering Department, HSIT, Nidasoshi | Chairman | 11/01/24 |
| 2. | Dr. Amol B. Rajmane, Professor, Computer Science & Engineering Department, DKTE College of Engineering, Ichalkaranji, Maharashtra. | Senior faculty member from outside the Institute | 11/01/24 |
| 3. | Dr. M. M. Shivashimpi, Associate Professor, Mechanical Engineering Department, HSIT, Nidasoshi | Senior faculty member from Mechanical department | 11/1/24 |
| 4. | Prof. S. V. Manjaragi, Assistant Professor, Computer Science & Engineering Department, HSIT, Nidasoshi | Senior faculty member from the CSE Department | 11/01/24 |

**(Prof. S. V. Manjaragi)**
**Academic Audit**
**coordinator**

**(Dr. K. B. Manwade)**
**HOD**

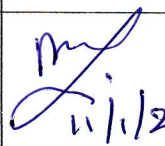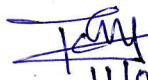| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi.** | **Academic Audit** |
| | *Inculcating Values, Promoting Prosperity* | **Minutes of Meeting** |
| | Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi<br>Recognized under 2(f) &12B of UGC Act, 1956 | |
| | **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE** | **2023-24** |

# Minutes of meeting

The academic audit meeting was conducted in the office of HOD on 11th Jan 2024 at 10 am. The academic activities of Computer Science & Engineering department carried out during the Academic Year 2022-23 were reviewed by the Academic Audit committee as per following criteria: curriculum and delivery, faculty profile, students profile, infrastructure and activities of the department. Criteria wise documents were verified and observations are noted by the audit committee members. Also valuable suggestions for improving the academic activities in the department were given by the committee members.

Followed by academic audit, the committee members visited class rooms, laboratories, department library, seminar hall etc.

## Photos:



Latitude: 16.294651
Longitude: 74.528433
Elevation: 721.45±3 m
Accuracy: 19.7 m
Time: 11-01-2024 11:09
Note: academic audit 2023-24

**(Prof. S. V. Manjaragi)**
**Academic Audit coordinator**

**(Dr. K. B. Manwade)**
**HOD**

S. J. P. N. Trust's

# Hirasugar Institute of Technology, Nidasoshi - 591 236

Dist. : Belagavi. Karnataka.

*"INCULCATING VALUES, PROMOTING PROSPERITY"*

( Permanently Affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India Council for Technical Education, New Delhi)
Recognized under 2(f) & 12(B) of UGC Act, 1956.

**Accredited at "A" Grade by NAAC    Programs Accredited by NBA : CSE & ECE**

**Prof. S. C. Kamate** Ph.D.
**Principal**

☎ : Off: **(08333) 278887**
E-mail : principal@hsit.ac.in    www.hsit.ac.in

Ref. : HIT/NDS/CSE/2023-24/453                    Date : 11 JAN 2024

To,

Dr. Amol B. Rajmane

Professor,

Computer Science & Engineering Department,

DKTE College of Engineering, Ichalkaranji, Maharashtra.

**Subject:** Invitation to Conduct Academic Audit reg...

Dear Sir,

   With reference to the subject cited above, I am pleased to extend an invitation to you to conduct an academic audit for the academic year 2022-23 at Computer Science and Engineering department of our esteemed Institution. Your valuable insights and recommendations will be instrumental in our pursuit of academic excellence, and we eagerly anticipate your participation in this audit.

   Thank you for considering this invitation. We are enthusiastic about the prospect of collaborating with you for the betterment of our institution.

With regards,

Dr. S. C. Kamate

## S. J. P. N. Trust's
# Hirasugar Institute of Technology,
## Nidasoshi - 591 236

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**Prof. S. C. Kamate** Ph.D.
**Principal**

☎ : Off: **(08333) 278887**
E-mail : principal@hsit.ac.in    www.hsit.ac.in

Ref. : HIT/NDS/256/2023-24/HSH

Date : 11 JAN 2024

# *Letter of Attendance*

To,

Dr. Amol B. Rajmane

Professor,

Computer Science & Engineering Department,

DKTE College of Engineering, Ichalkaranji, Maharashtra.

Dear Sir,

I extend my sincerest gratitude on behalf of Hirasugar Institute of Technology for your invaluable contribution in conducting the academic audit at Computer Science and Engineering department of our institution.

The recommendations outlined in your audit report will serve as a roadmap for us to further fortify our academic structure and ensure continuous enhancement in line with the highest standards of educational excellence.

Please accept our heartfelt appreciation for your invaluable contribution. We look forward to continued collaboration in our shared commitment to academic advancement and excellence.

With regards,

Dr. S. C. Kamate

| | | CSE Dept. |
|---|---|---|
| | **S J P N Trust's** | **Academic Audit** |
| | **Hirasugar Institute of Technology, Nidasoshi.** | |
| | *Inculcating Values, Promoting Prosperity* | **Invitation** |
| | Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi | |
| | Recognized under 2(f) &12B of UGC Act, 1956 | |
| | **Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE** | **2023-24** |

Ref.: HSIT/CSE/INVITATION/232/2023-24                    Date: 10-01-2024

To,

Dr. M. M. Shivashimpi

Associate Professor,

Mechanical Engineering Department,

HSIT, Nidasoshi.

**Subject:** Invitation for conducting Academic audit reg…

Dear Sir,

With reference to the subject cited above, I feel very happy to invite you as internal Member of Academic Audit Committee for conducting audit of the academic activities of Computer Science & Engineering department carried out during the Academic Year 2022-23. The Audit process is scheduled on **11/01/2024**.

I request you to kindly accept our Invitation and provide your valuable suggestions for improvement.

With regards,

Recieved
11/1/24

90/01/2024
Dr. K. B Manwade
H.O.D
Computer Science & Engg.
HIT, Nidasoshi.

Ref.: HSIT/CSE/LOA/233/2023-24                              Date:11-01-2024

# *Letter of Attendance*

To,

 Dr. M. M. Shivashimpi

 Associate Professor,

 Mechanical Engineering Department,
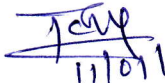
 HSIT, Nidasoshi.

Dear Sir,

Thank you very much  for accepting our invitation  and being part of Academic Audit committee and taking active part in successful completion of academic audit of Computer Science and Engineering Department.

Your valuable suggestions are highly solicited.

With regards,

Recieved
11/1/24

11/01/2024
Dr. K. B Manwade
H.O.D
Computer Science & Engg.
HIT, Nidasoshi

DATE: 11 /01/2024

## VOUCHER

Sri/Smt. _Dr. Amol B. Rajmane_ has received a sum

of Rs. _5000/-_ (in words: _Five Thousand only_ )

from the Principal Hirasugar Institute of Technology, Nidasoshi towards the payment

of _Academic Audit_ by Cash/DD/NEFT/

RTGS/Cheque bearing No.............. Date: 11/ 01/ 2024.

RECEIVERS SIGN

Office Use:

HOD Sign        CLERK        ACCOUNTANT        OFFICE SUDPT.

| | S J P N Trust's | CSE Dept. |
|---|---|---|
| | **Hirasugar Institute of Technology, Nidasoshi** | Academic Audit |
| | Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi | Actions taken |
| | Recognized under2(f) &12B of UGC Act, 1956 | |
| | Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE | AY:2022-23 |

Ref: HSIT/CSE/Academic Audit/Reports/Action taken/2022-23/ 219                    Date: 18th Dec. 2023

## Consolidated Academic Audit Reports and Follow-up Actions taken during the last five academic years (AYs: 2018-19 to 2022-23)

| S.N. | Suggestions by the Academic Auditors | Follow-up actions taken (Ref: HOD & Principal's Meetings) |
|---|---|---|
| 1 | Teaching Methods & Teaching Aids: Models, NPTEL, video Lecture may be used. | The faculties have adopted innovative teaching methods such as experiential learning and problem based learning along with chalk and board. The faculties have used the ICT enabled tools such as PPT, NPTEL videos, charts/models, etc. |
| 2 | Feedback from students and steps taken: The feedback Questionnaire can be refined. | The feedback questionnaire is chosen from the AICTE feedback format. |
| 3 | Funded Projects : Suggested to apply for the funded projects to Govt. and private organizations. | The faculty members have applied for funded projects to Vision Group on Science and Technology (VGST), Govt. of Karnataka. |
| 4 | Papers/books/Articles published: Advised to publish in reputed peer reviewed journals. | Many faculties have published papers published in SCI, SCOPUS indexed and UGC approved journals. |
| 5 | Student involvement in extra and co curricular activities/ Study tours, industry visits, internships: Some more encouragement is required. | All the students are undergo internships, industry visits and participated in NSS, YOGA, AICTE Activities, UBA, Red-Cross and other social activities. |
| 6 | Consultancy/Collaborations: To be improved | Established industry attached laboratories in the department. The collaborative activities are conducted through MoUs with various organisations. |
| 7 | Conference/Seminars/Workshops conducted: Suggested to organize international conferences | An international conference ( ICRTET 2023) is organized on 8-9 December 2023. |
| 8 | Placement: Training activity should be started from 3rd semester to students. | Placement related training programs are planned from the second year onwards by the training and placement cell. |
| 9 | Suggested to motivate all the remaining faculties to register for Ph.D. | All faculty members are motivated to register for Ph.D. |
| 10 | Advised to change set target levels for attainment of POs-COs. | The target levels are revised and attainments are evaluated regularly. |
| 11 | Advised to improve the results with FCs and FCDs. | Remedial and make-up classes are conducted to improve the SEE results. |
| 12 | Acted as resource person: Suggested to take part in workshops, Conferences etc. as resource persons. | Faculty members are motivated to attend as a resource to share their knowledge and skills. |
| 13 | Computer Systems: Suggested to upgrade the computer systems. | New 100 Computer Systems with latest specifications are purchased. |
| 14 | Quality of student projects | The students have carried out the projects addressing the real world problems and societal issues. Many students' projects are sponsored by Karnataka State Council for Science and Technology, Govt. of Karnataka, Bangalore. |

Dept. NBA Coordinator                                    HOD
                                                         Computer Science & Engg.
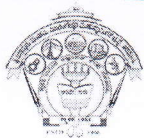                                                         HIT, Nidasoshi.