

# Yashvantrao Chavan Institute of Science, Satara (Autonomous)

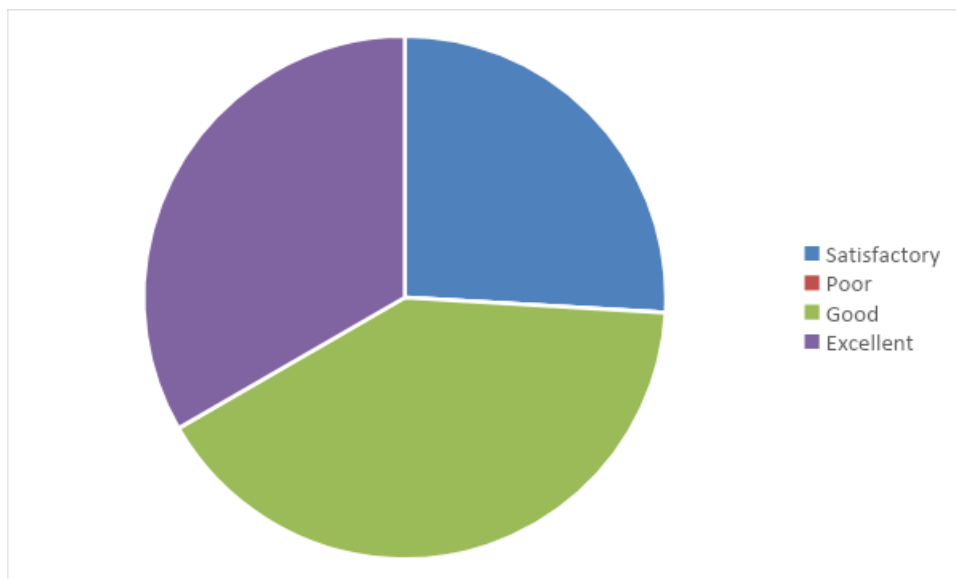
Department of Forensic Science

2022-2023

## Student Feedback Analysis Report

1. The Curriculum is challenging , in accordance with needs of industry and capable to develop employability skills

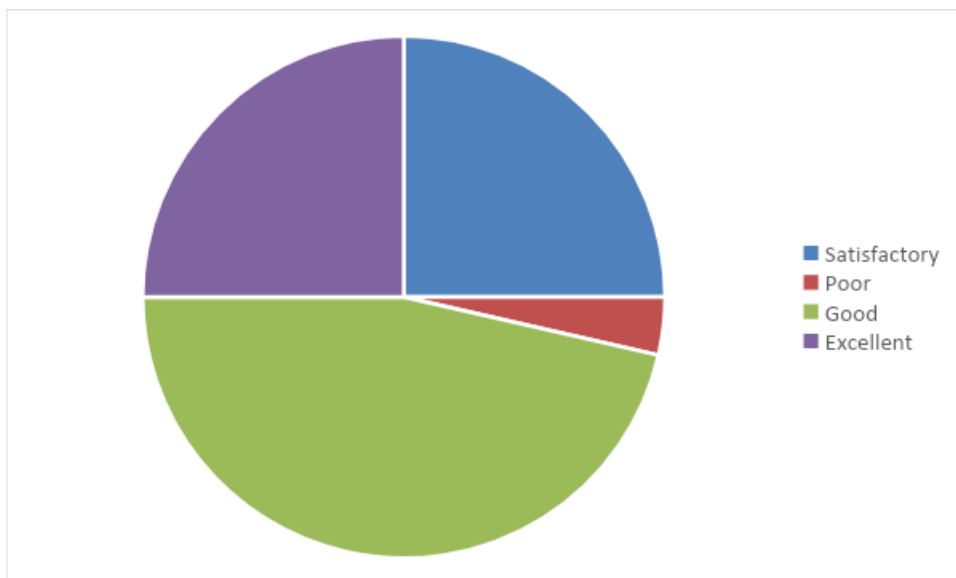
Satisfactory	Poor	Good	Excellent	Total
7	0	11	9	27



2. The Syllabus covers learning values in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives, environmental awareness & human values

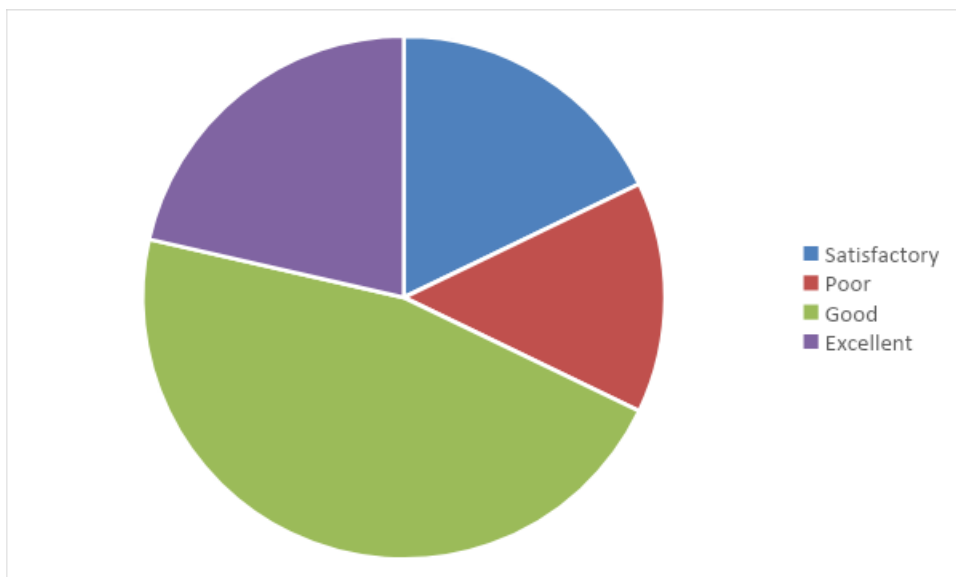
Satisfactory	Poor	Good	Excellent	Total
7	1	13	7	28





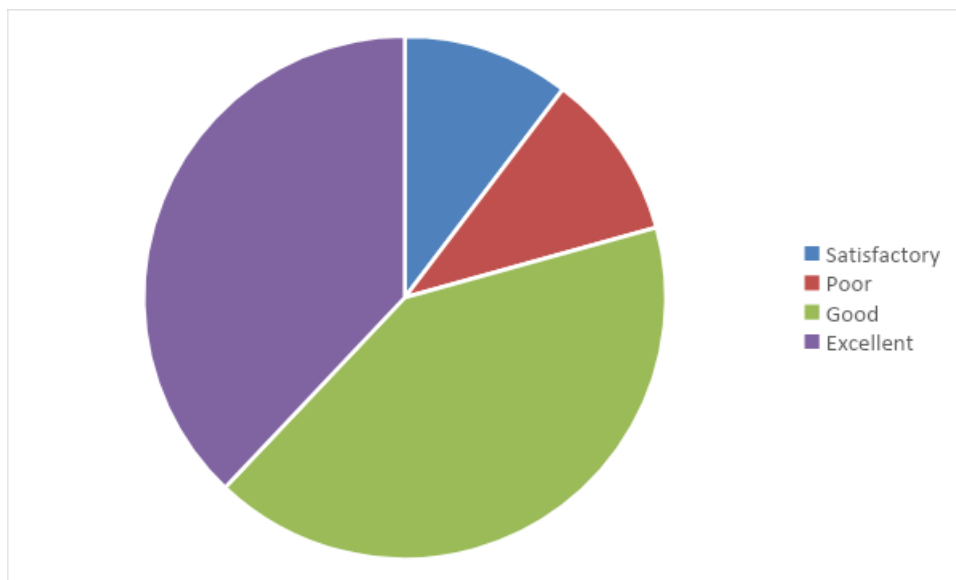
3. The curriculum has relevance with practical/lab work

Satisfactory	Poor	Good	Excellent	Total
5	4	13	6	28



4. The internal examination system is good

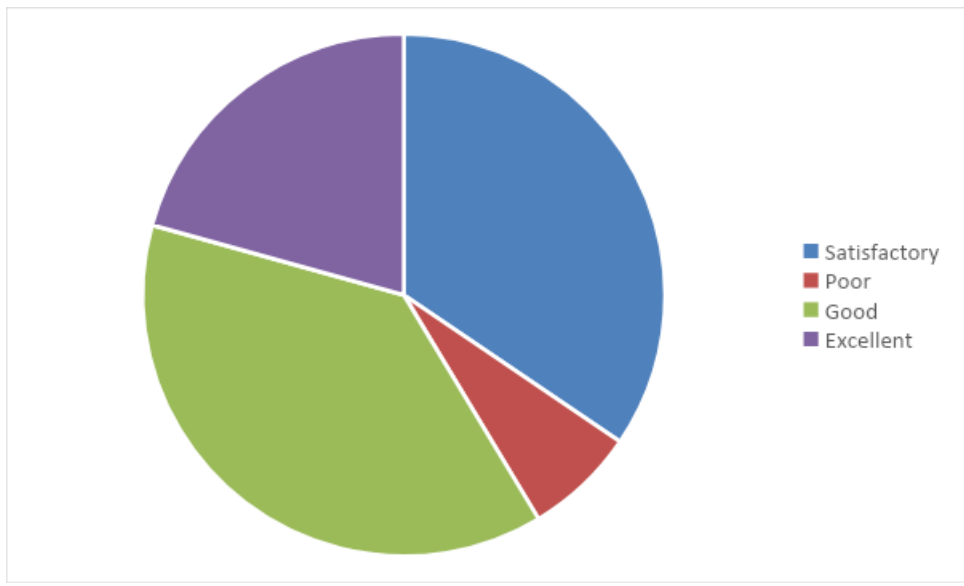
Satisfactory	Poor	Good	Excellent	Total
3	3	12	11	29



5. The curriculum is superior to that of other Universities

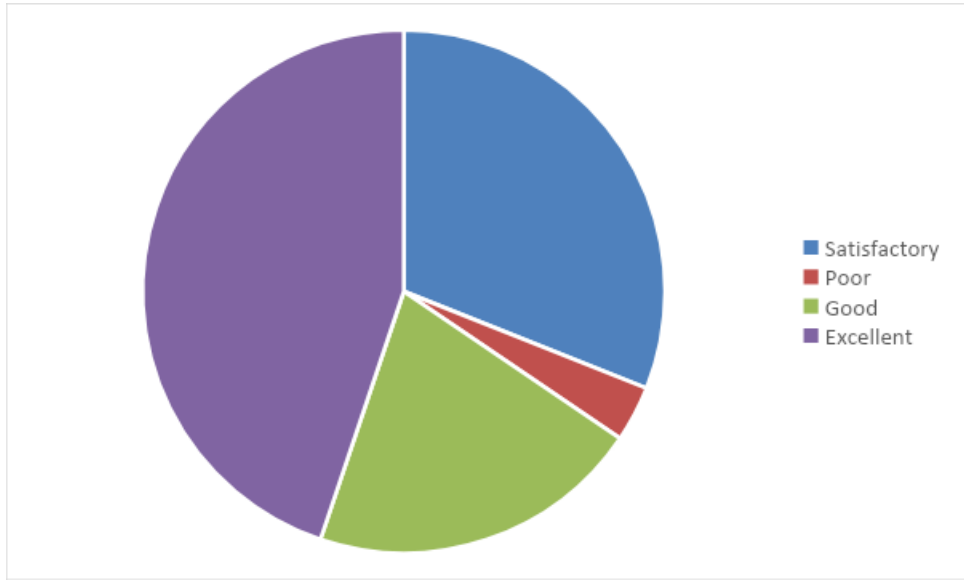
Satisfactory	Poor	Good	Excellent	Blanks	Total
10	2	11	6	0	29





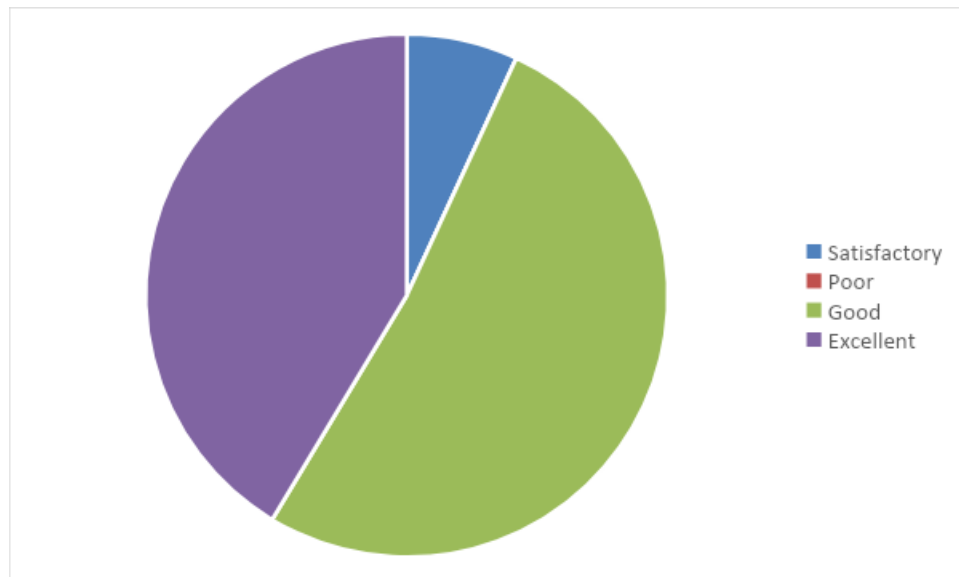
6. The curriculum is conceptually easy to understand & choices available for selecting the subjects

Satisfactory	Poor	Good	Excellent	Blanks	Total
9	1	6	13	0	29



7. How do you find the curriculum of certificate/diploma courses?

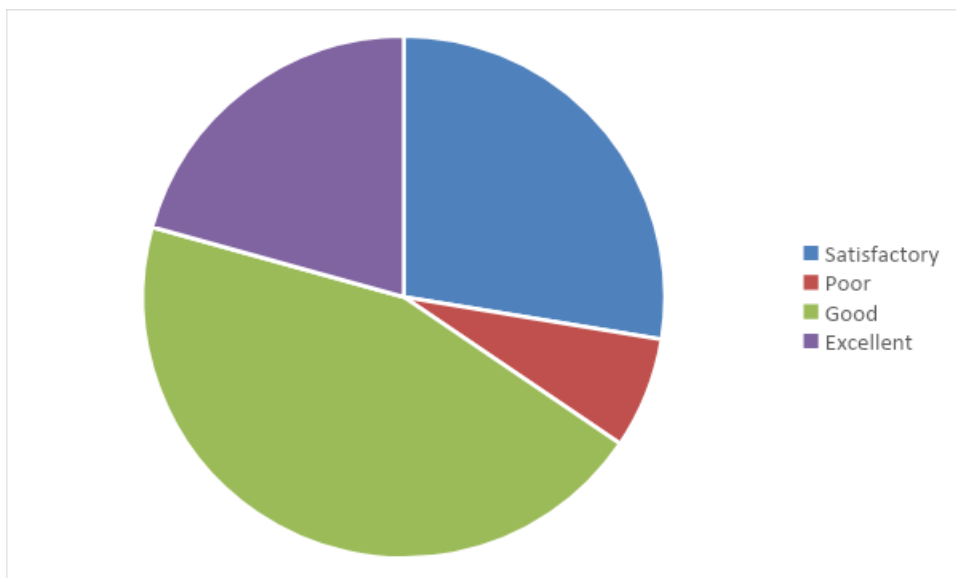
Satisfactory	Poor	Good	Excellent	Total
2	0	15	12	29



8. Your opinion about implementation of curriculum

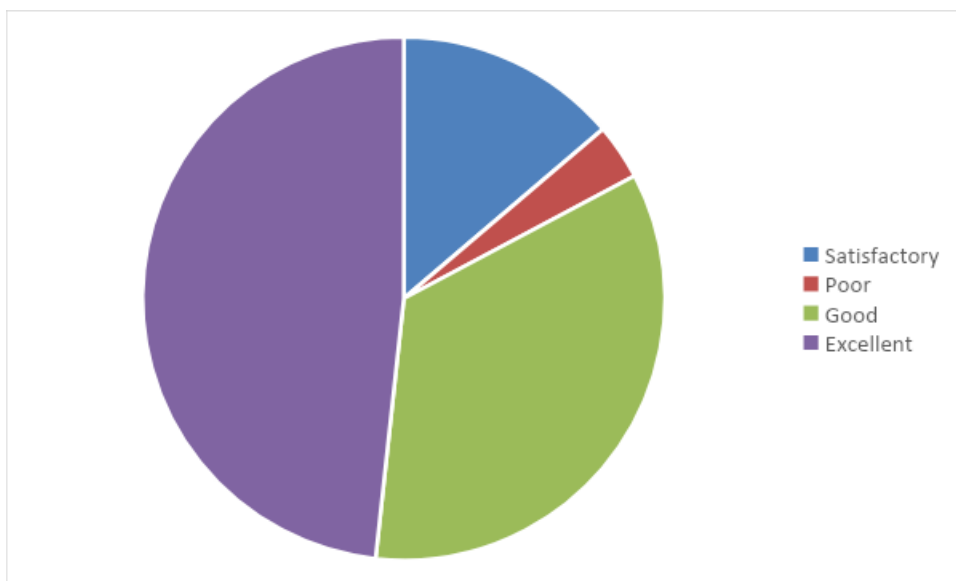
Satisfactory	Poor	Good	Excellent	Total
8	2	13	6	29





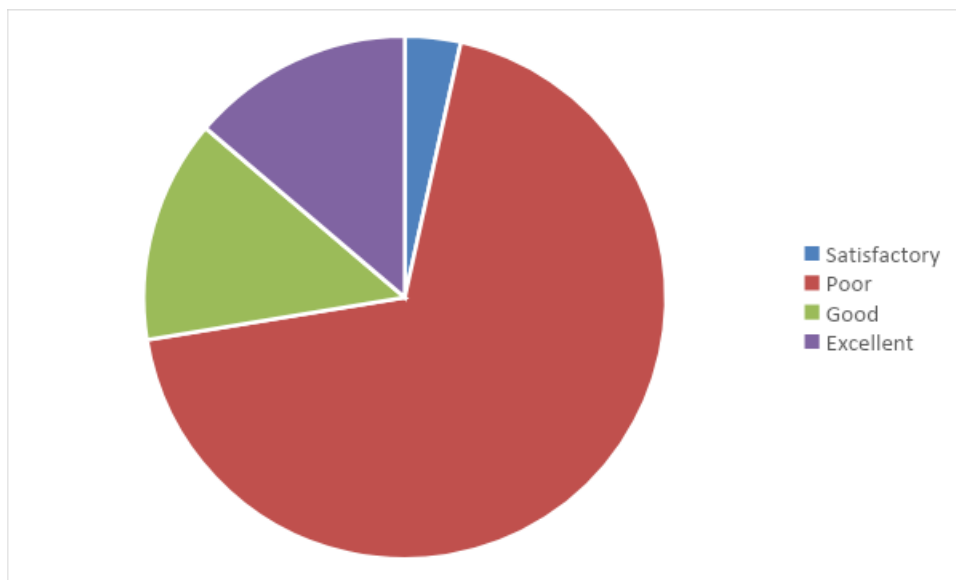
9. Organisation of inter and intradepartmental activities like quiz competitions, poster presentations, popular talks of eminent personalities, workshops which enrich the

Satisfactory	Poor	Good	Excellent	Blanks	Total
4	1	10	14	0	4



10. Learning through educational tours conducted by various departments

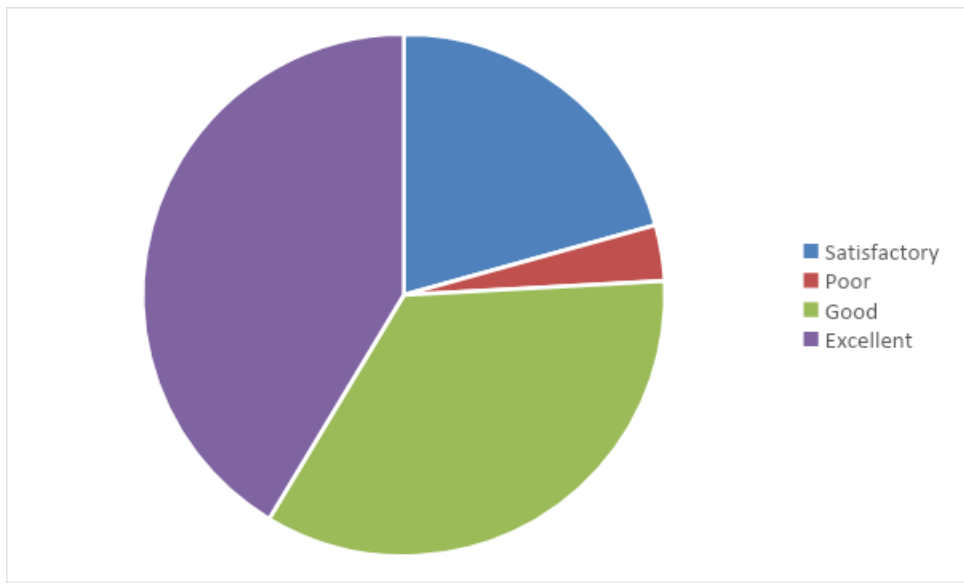
Satisfactory	Poor	Good	Excellent	Blanks	Total
1	20	4	4	0	29



11. Encouragement of the students for research by organization of seminars/ conference and popular talks of eminent personalities

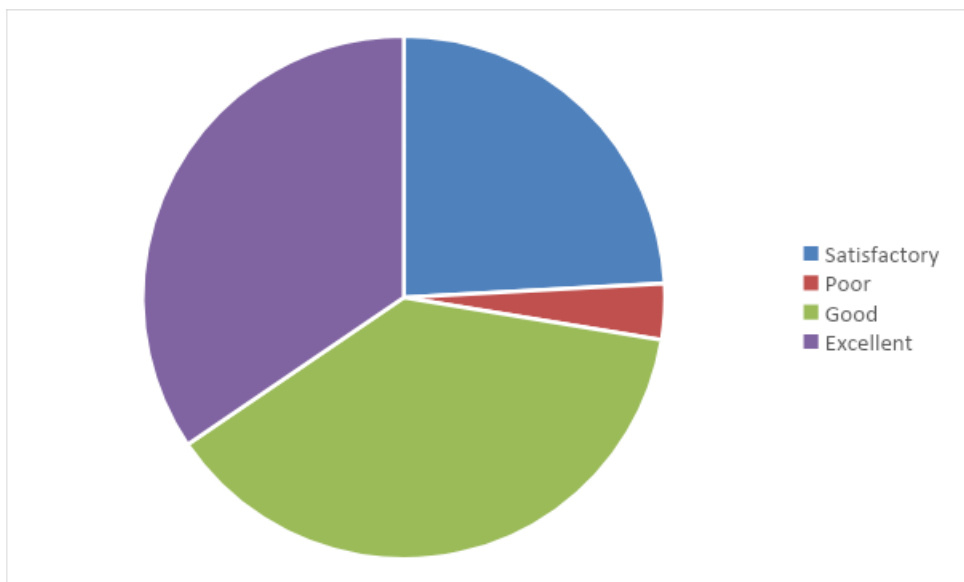
Satisfactory	Poor	Good	Excellent	Blanks	Total
6	1	10	12	0	29





12. Involvement of undergraduate students in research activities/ projects

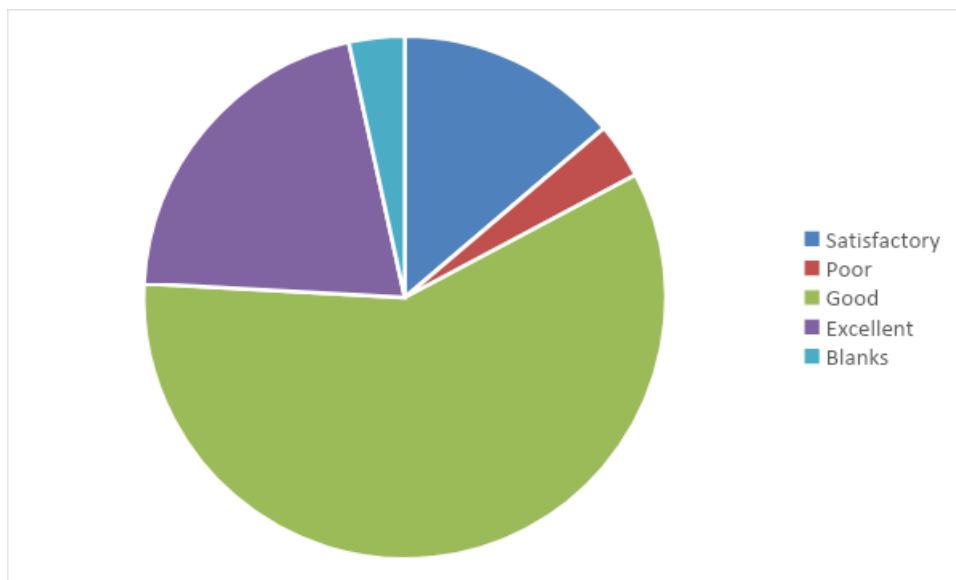
Satisfactory	Poor	Good	Excellent	Blanks	Total
7	1	11	10	0	29





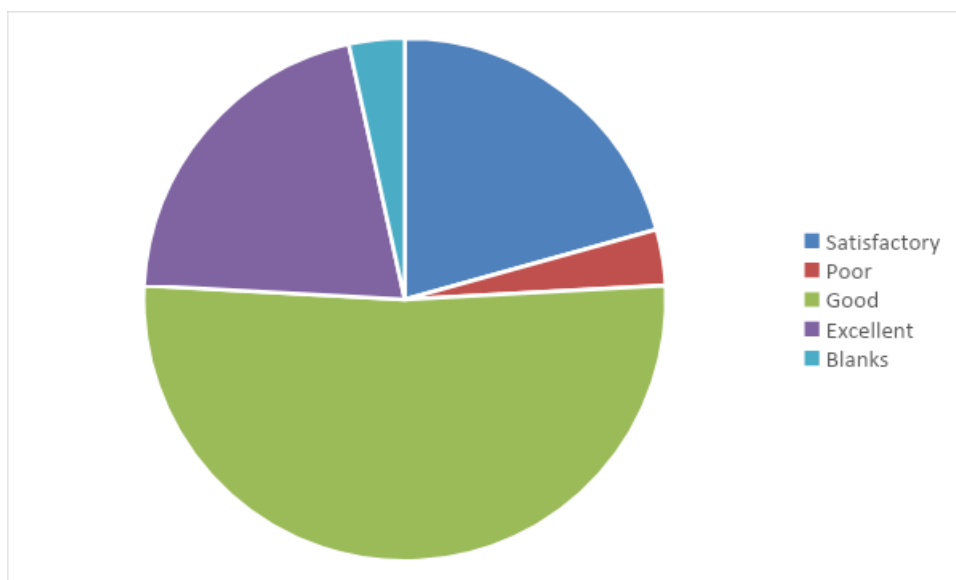
13. Research project allotment and guidance by faculty to post graduate students

Satisfactory	Poor	Good	Excellent	Blanks	Total
4	1	17	6	1	29



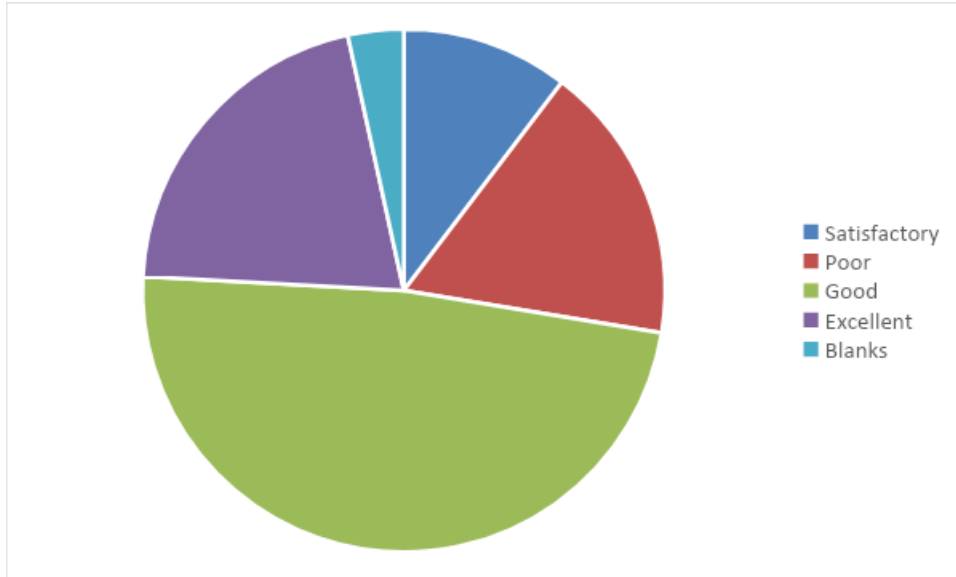
14. Research facilities provided by various departments

Satisfactory	Poor	Good	Excellent	Blanks	Total
6	1	15	6	1	29



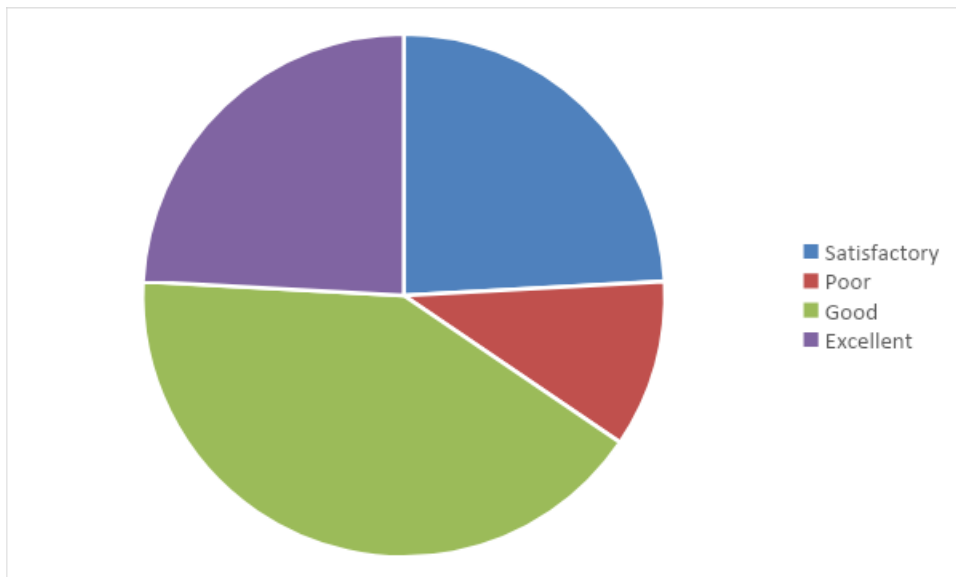
15. Help of CFC in research

Satisfactory	Poor	Good	Excellent	Blanks	Total
3	5	14	6	1	29



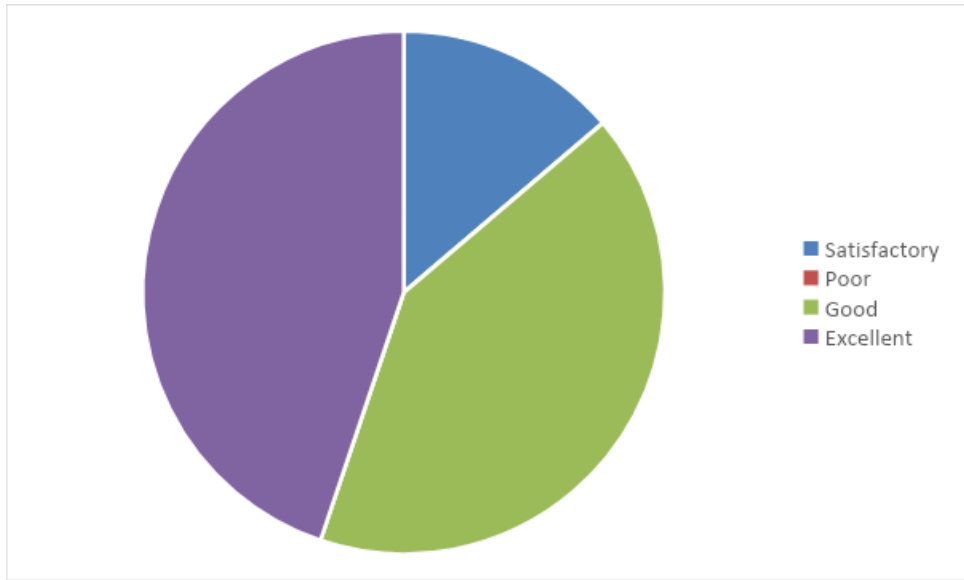
16. The admission process of the institute is effective, transparent and satisfactory & attracts meritorious students

Satisfactory	Poor	Good	Excellent	Total
7	3	12	7	29



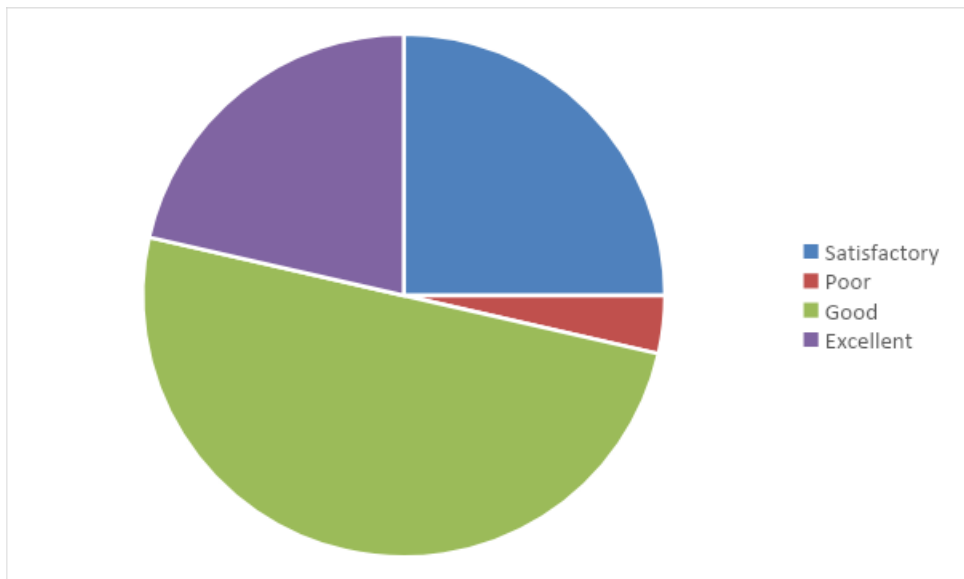
17. Is the 'EARN AND LEARN' scheme run by the institute helpful for needy students/ economically backward students?

Satisfactory	Poor	Good	Excellent	Blanks	Total
4	0	12	13	0	29



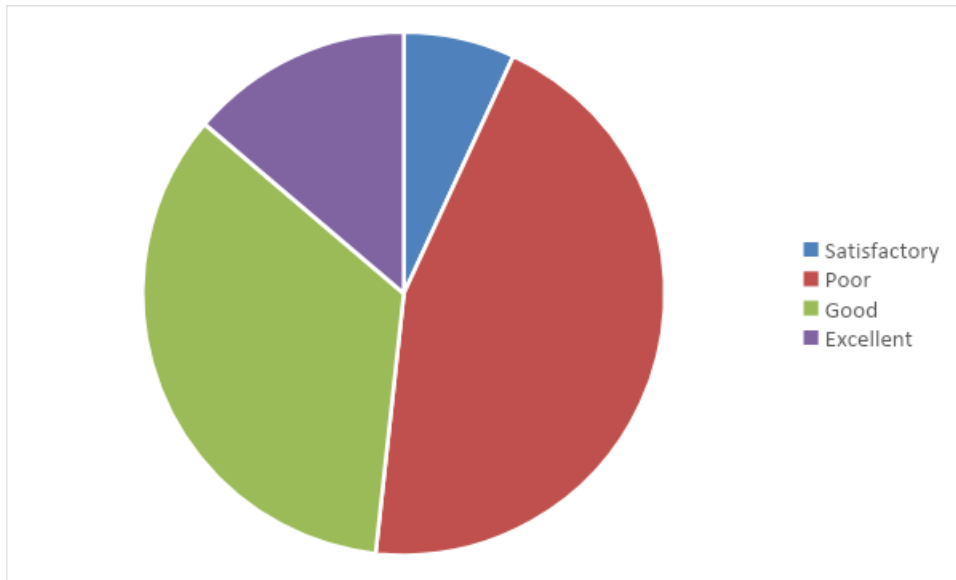
18. Does the institute play a key role in availing various scholarships to the students?

Satisfactory	Poor	Good	Excellent	Total
7	1	14	7	29



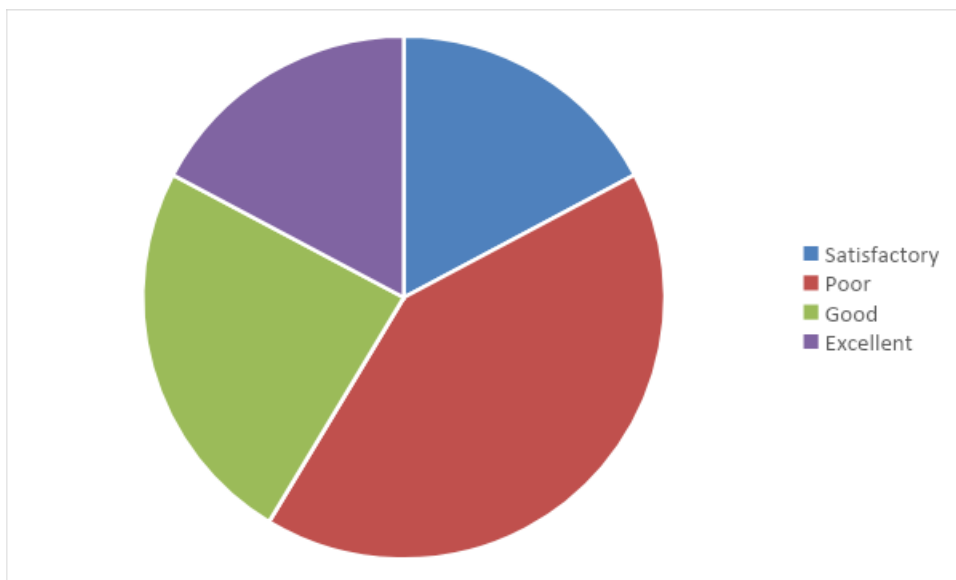
19. Is institute show active interest in promoting internship, student exchange and field visit

Satisfactory	Poor	Good	Excellent	Blanks	Total
2	13	10	4	0	29



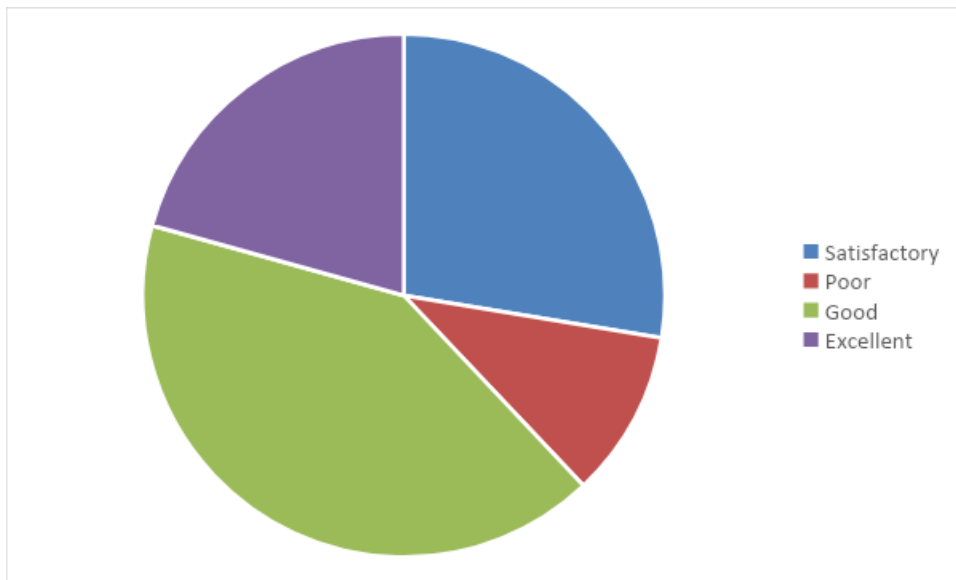
20. How do you look at the efforts taken by the placement cell to get you the Placement

Satisfactory	Poor	Good	Excellent	Blanks	Total
5	12	7	5	0	29



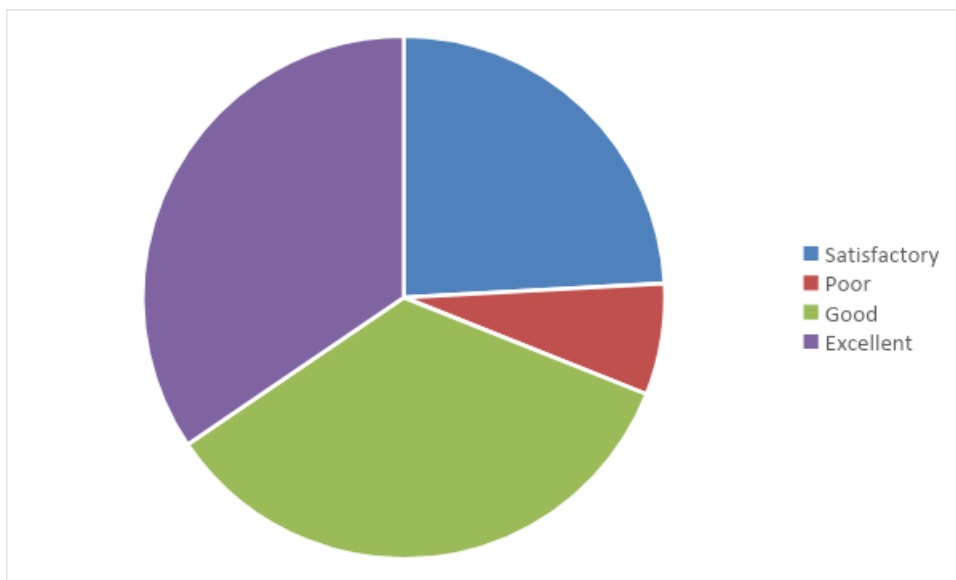
21. Student counseling, guidance and suggestions grievance redressal cell

Satisfactory	Poor	Good	Excellent	Blanks	Total
8	3	12	6	0	29



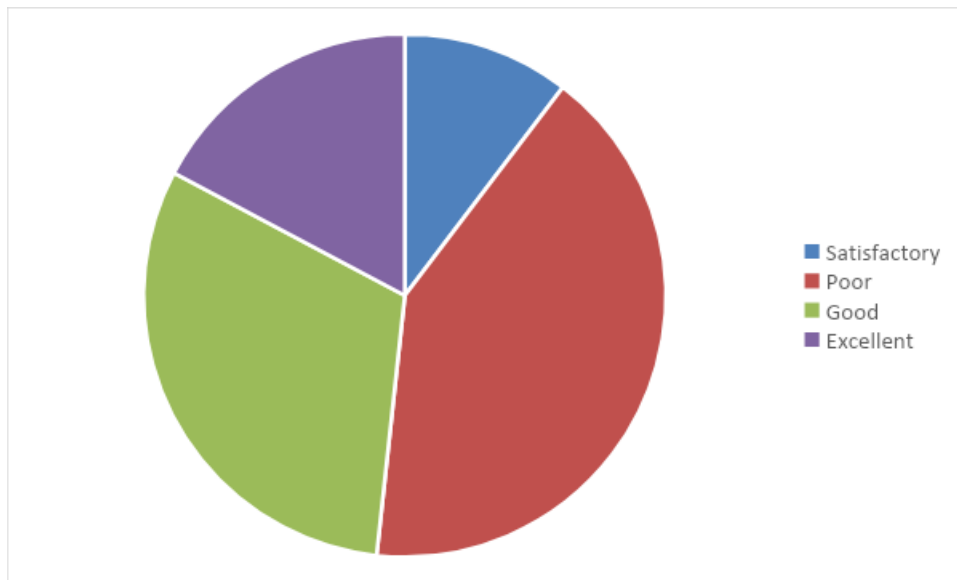
22. The college campus is clean and green enriched with renewable energy sources

Satisfactory	Poor	Good	Excellent	Total
7	2	10	10	29



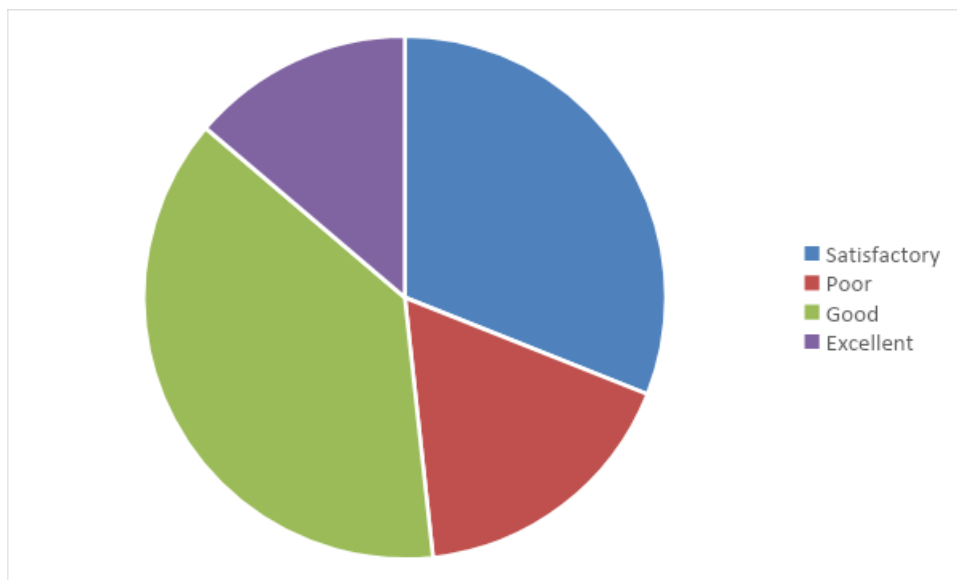
23. Clean classrooms with clean benches and desks are in enough proportion

Satisfactory	Poor	Good	Excellent	Blanks	Total
3	12	9	5	0	29



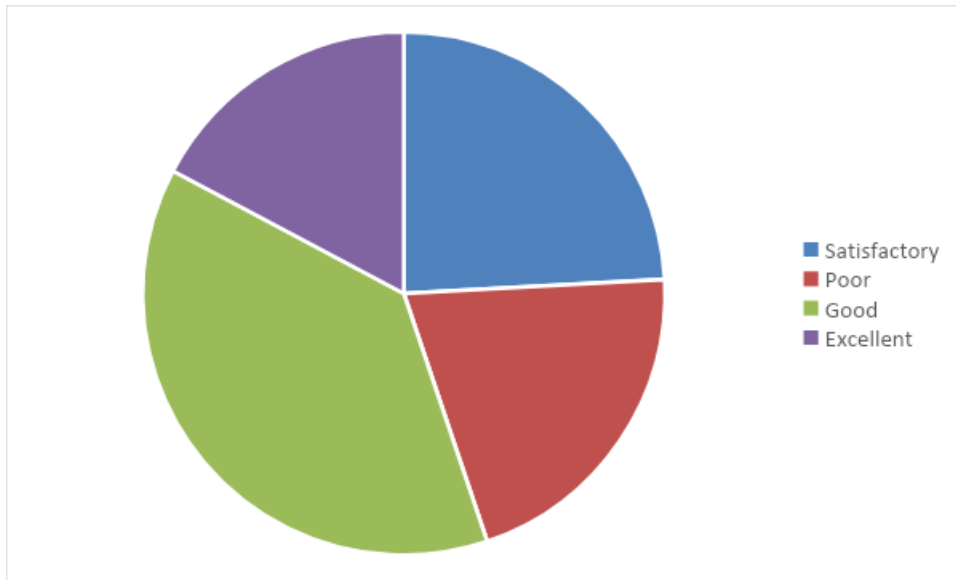
24. The laboratories are adequate, clean, well equipped, lab instruments are in working condition.

Satisfactory	Poor	Good	Excellent	Total
9	5	11	4	29



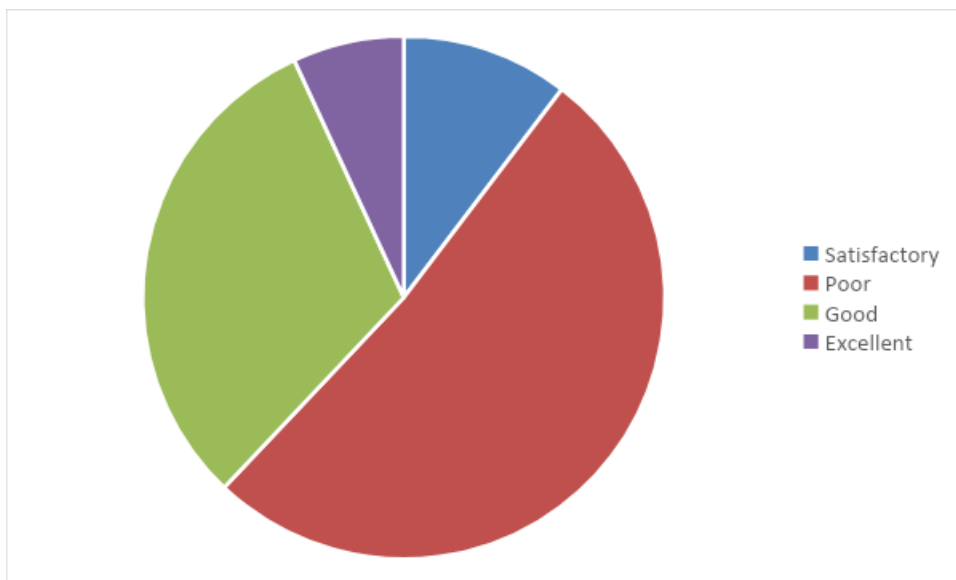
25. Provision of clean and enough drinking water

Satisfactory	Poor	Good	Excellent	Total
7	6	11	5	29



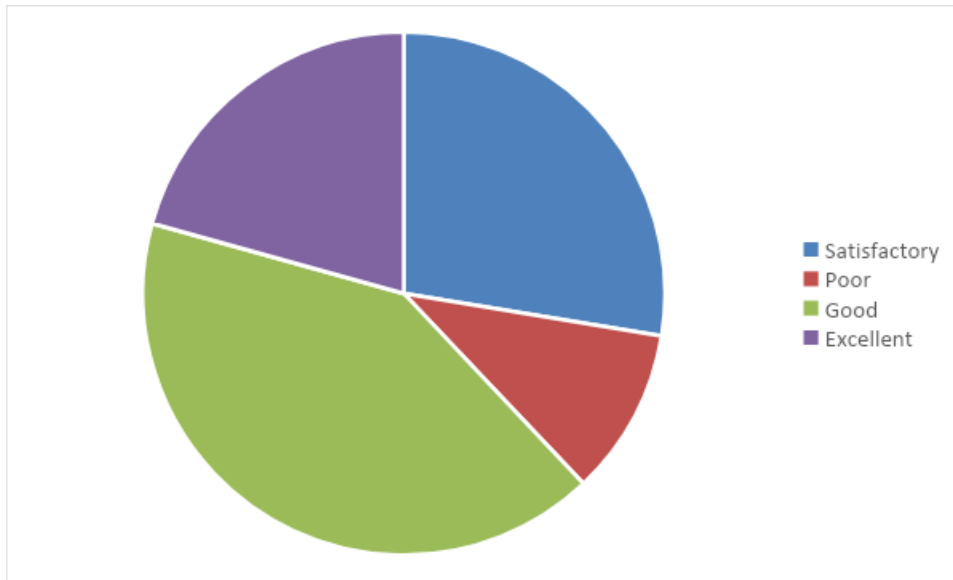
26. The toilets are cleaned properly and enough in number

Satisfactory	Poor	Good	Excellent	Total
3	15	9	2	29



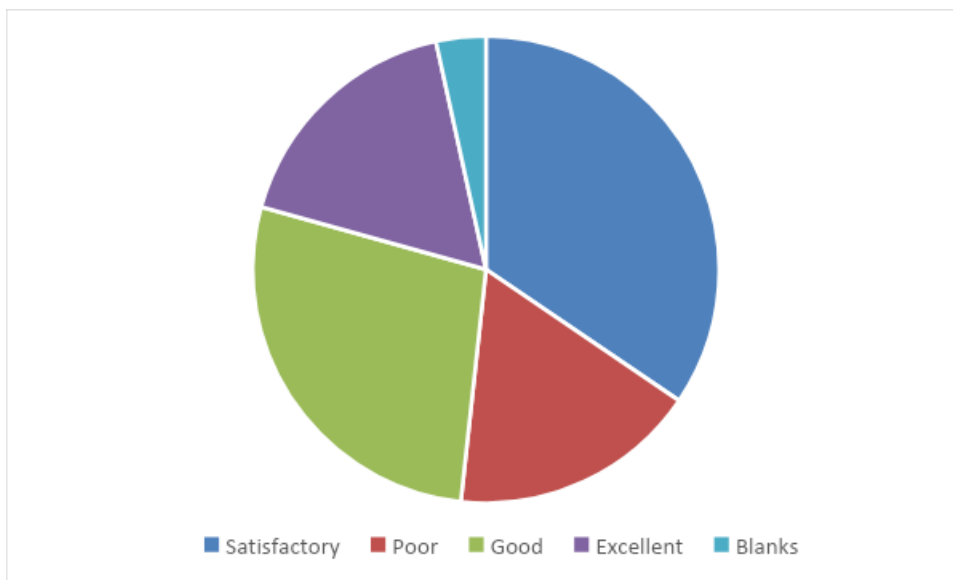
27. Availability of adequate parking facilities

Satisfactory	Poor	Good	Excellent	Blanks	Total
8	3	12	6	0	29



28. Sports infrastructure is adequate

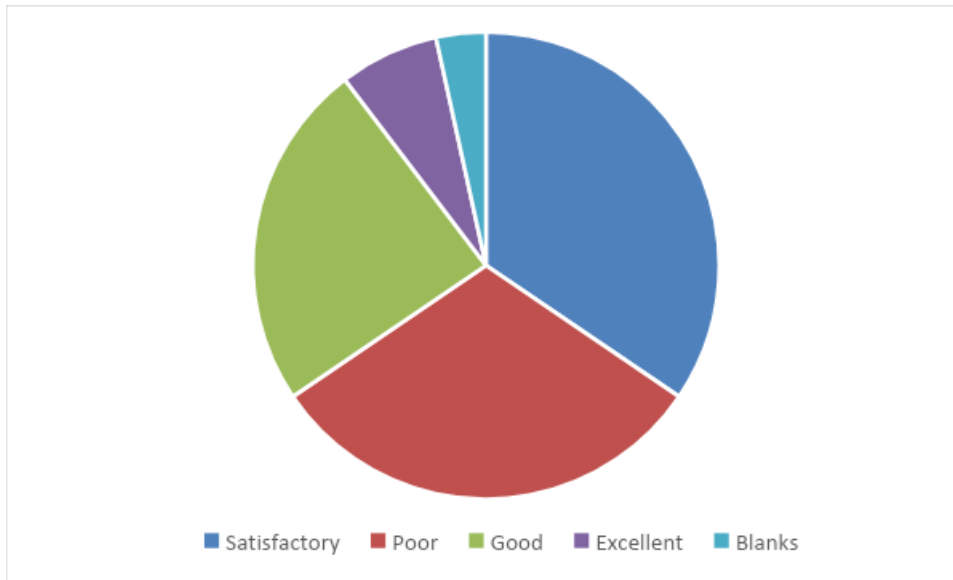
Satisfactory	Poor	Good	Excellent	Blanks	Total
10	5	8	5	1	29





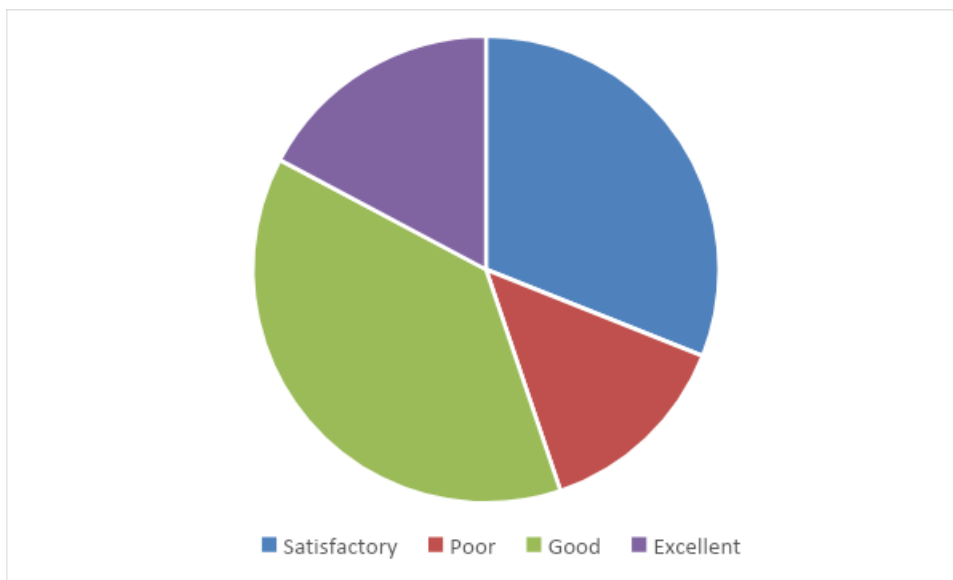
29. How do you find the hostel facilities in the institute?

Satisfactory	Poor	Good	Excellent	Blanks	Total
10	9	7	2	1	29



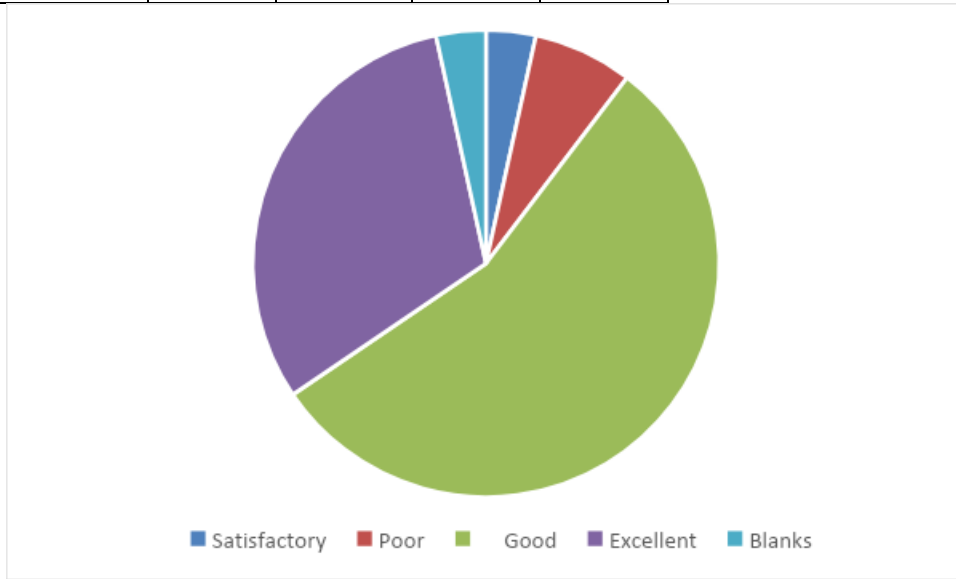
30. What is your opinion about quality of food and environment in college canteen?

Satisfactory	Poor	Good	Excellent	Blanks	Total
9	4	11	5	0	29



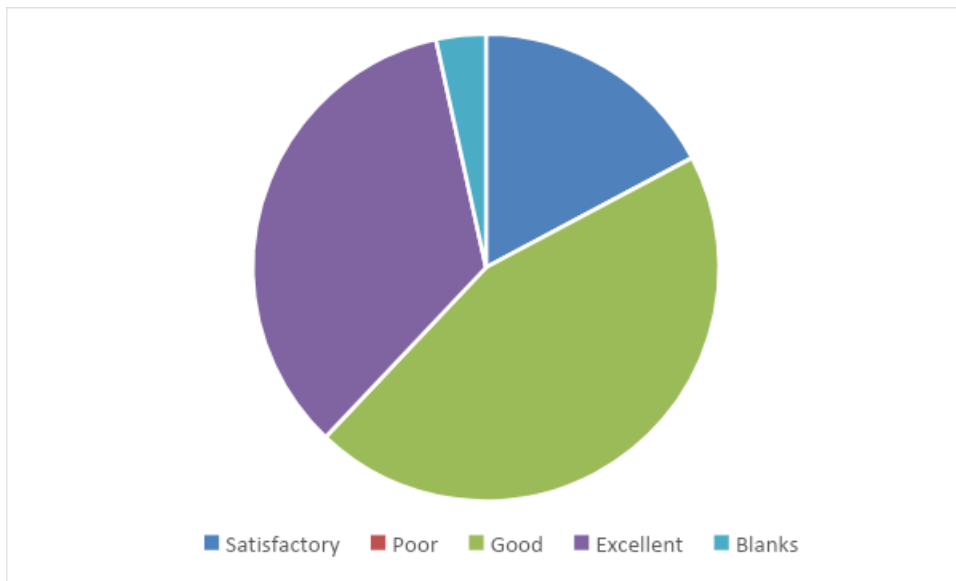
31. Adequate power supply in the institute

Satisfactory	Good	Excellent	Blanks	Total
1	16	9	1	29



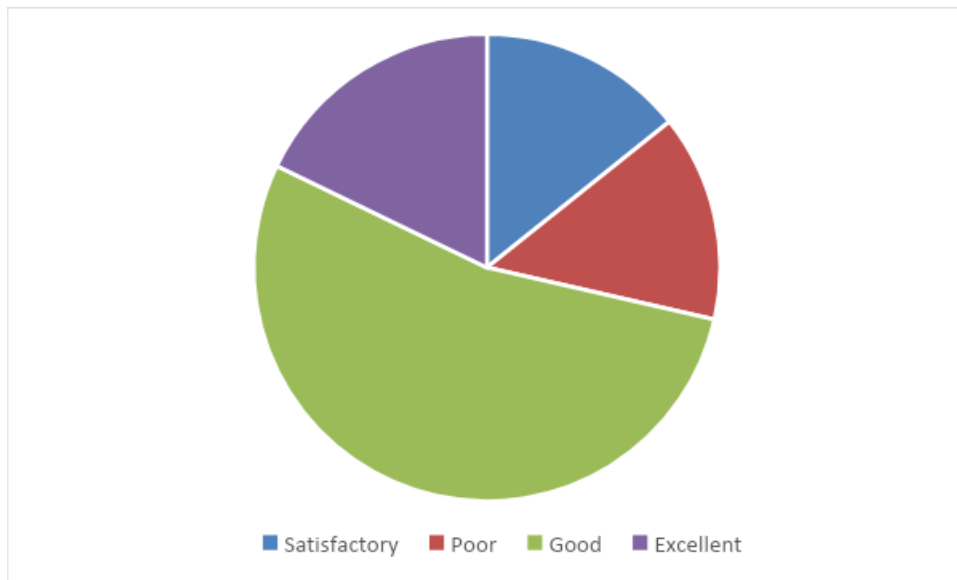
32. Accessibility of library for exchange of books

Satisfactory	Poor	Good	Excellent	Total
5	0	13	10	29



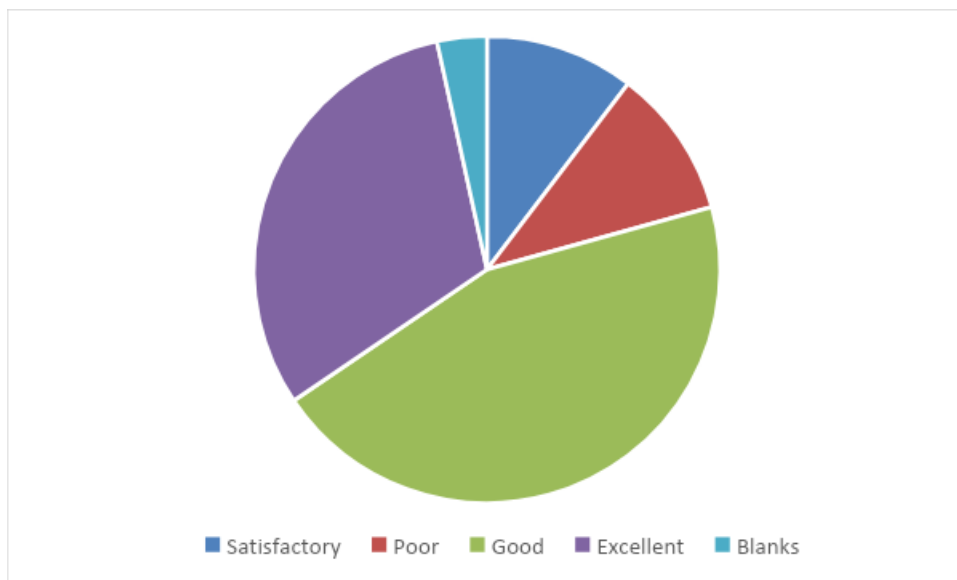
33. Availability of number of books of respective subject, journals and other reading material

Satisfactory	Poor	Good	Excellent	Total
4	4	15	6	29



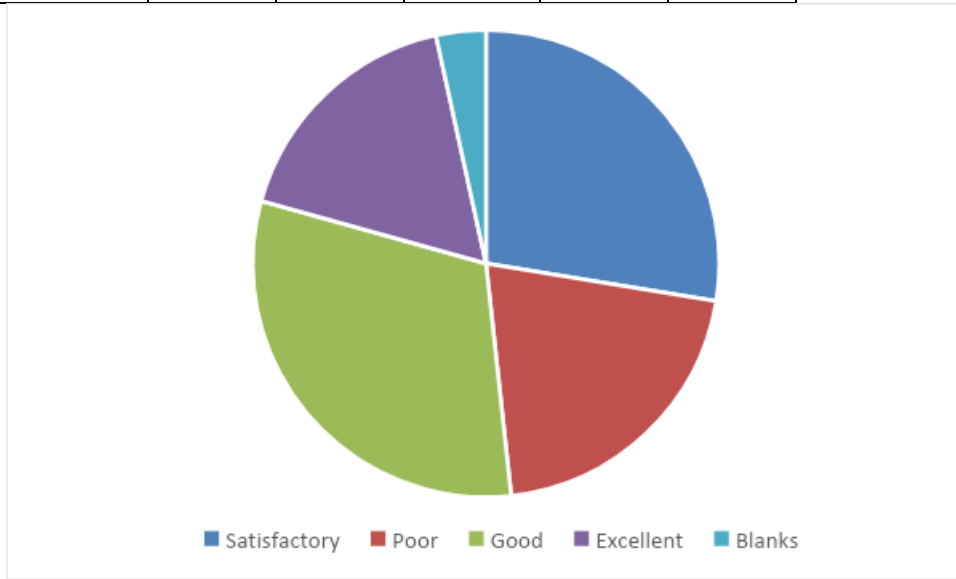
34. Cataloguing and arrangement of books in library, use of OPAC

Satisfactory	Poor	Good	Excellent	Blanks	Total
3	3	13	9	1	29



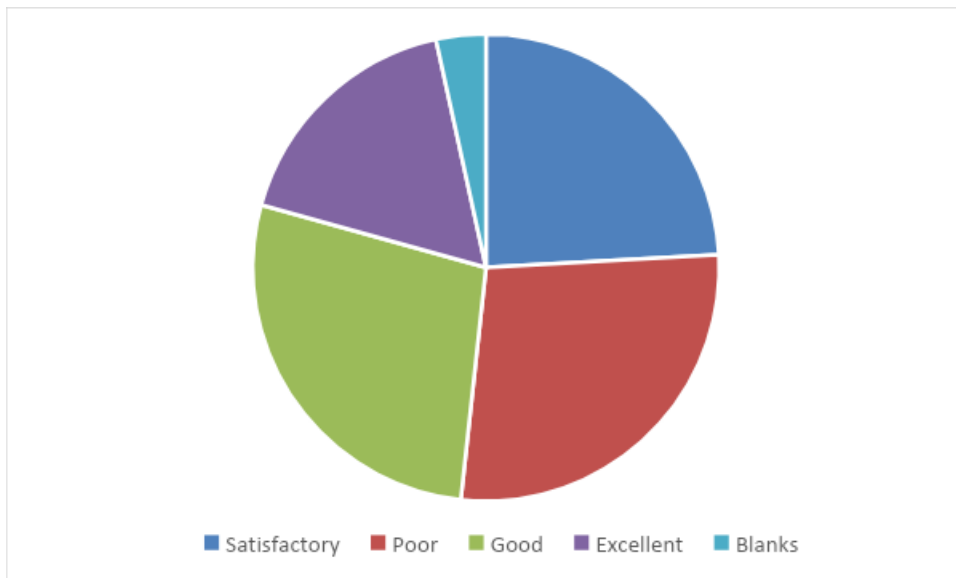
35. Support and assistance of library staff

Satisfactory	Poor	Good	Excellent	Blanks	Total
8	6	9	5	1	29



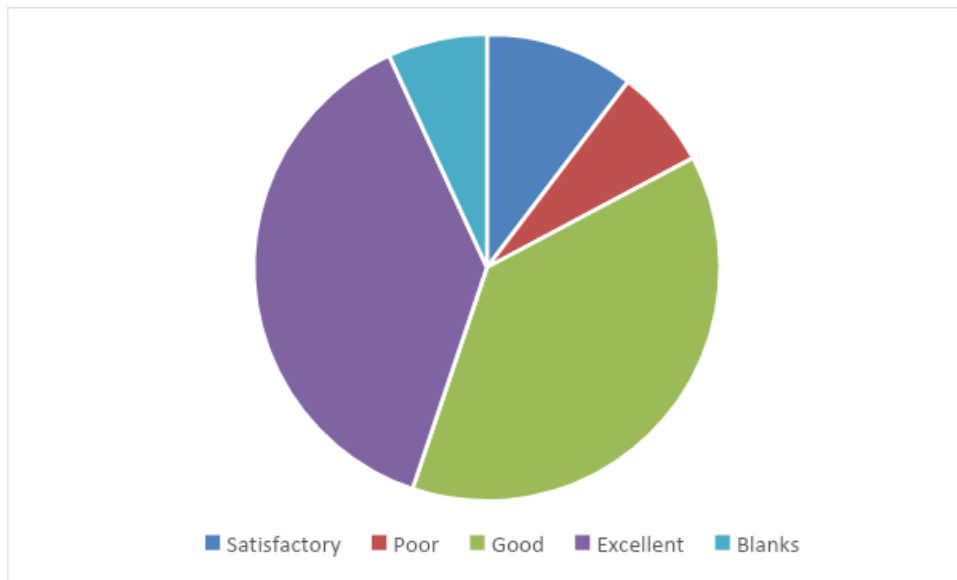
36. Xerox facility Accessibility of internet center as and when required

Satisfactory	Poor	Good	Excellent	Blanks	Total
7	8	8	5	1	29



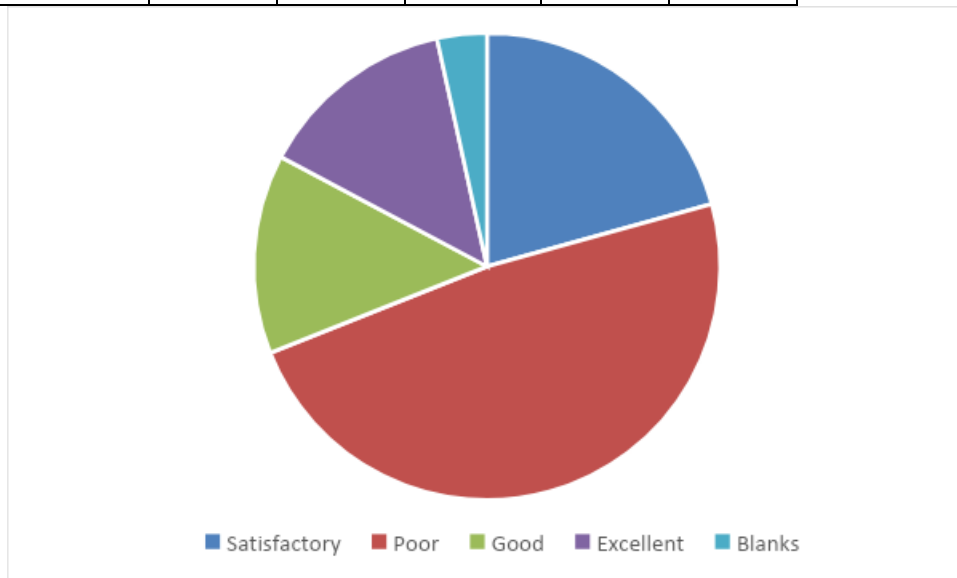
37. Use of educational online resources, Wi-Fi and internet connectivity

Satisfactory	Poor	Good	Excellent	Blanks	Total
3	2	11	11	2	29



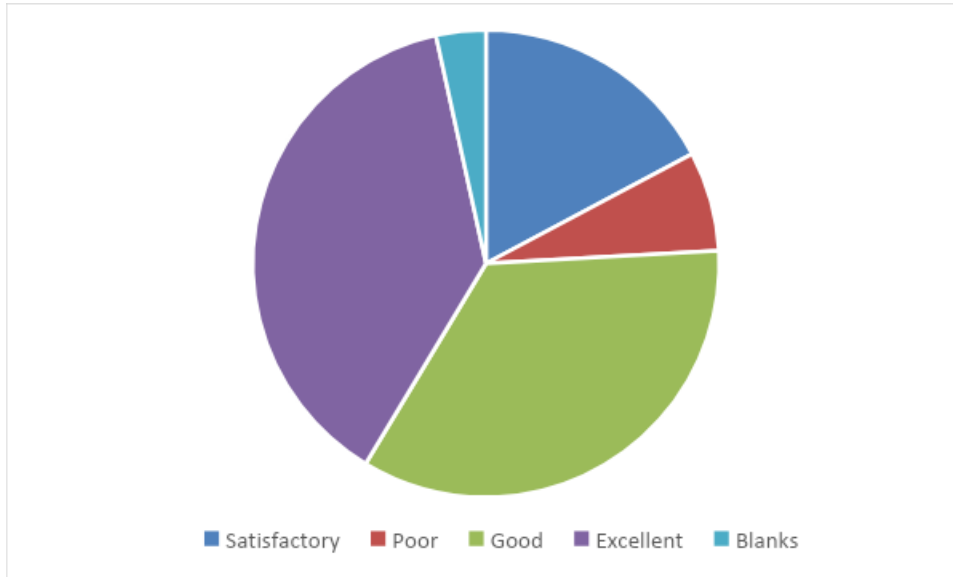
38. The sports department provides adequate opportunities for playing games, participation in state, national and international level competitions

Satisfactory	Poor	Good	Excellent	Blanks	Total
6	14	4	4	4	29



39. How do you rate your exposure to society through NSS and NCC programmes (Activities run for awareness of social responsibilities e.g. Blood donation camp, Tree plantation, Visit to old age homes etc.)

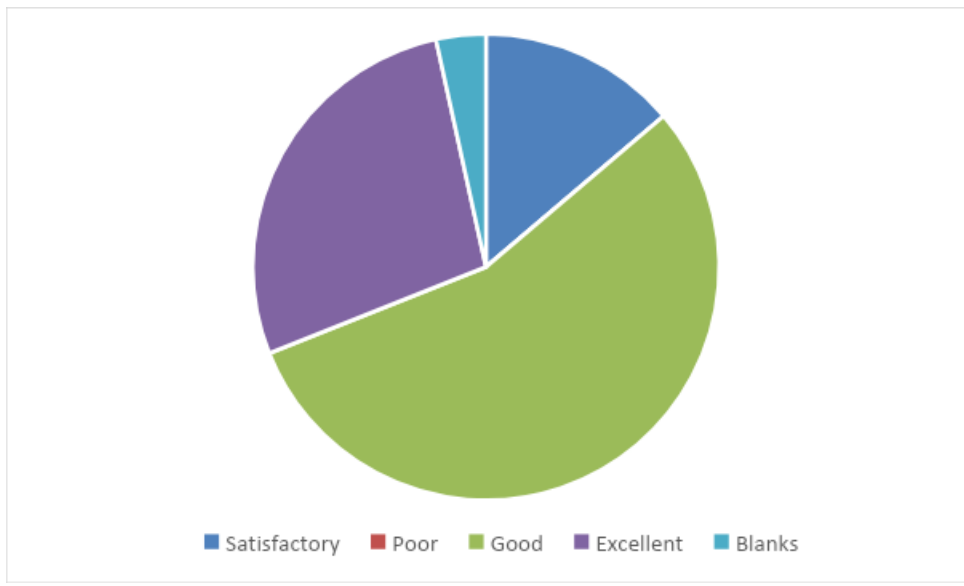
Satisfactory	Poor	Good	Excellent	Blanks	Total
5	2	10	11	1	29



40. Opportunity / platform given to student to express themselves in social, Scientific and cultural areas (Article writing, Drawing, Writing of poems)?

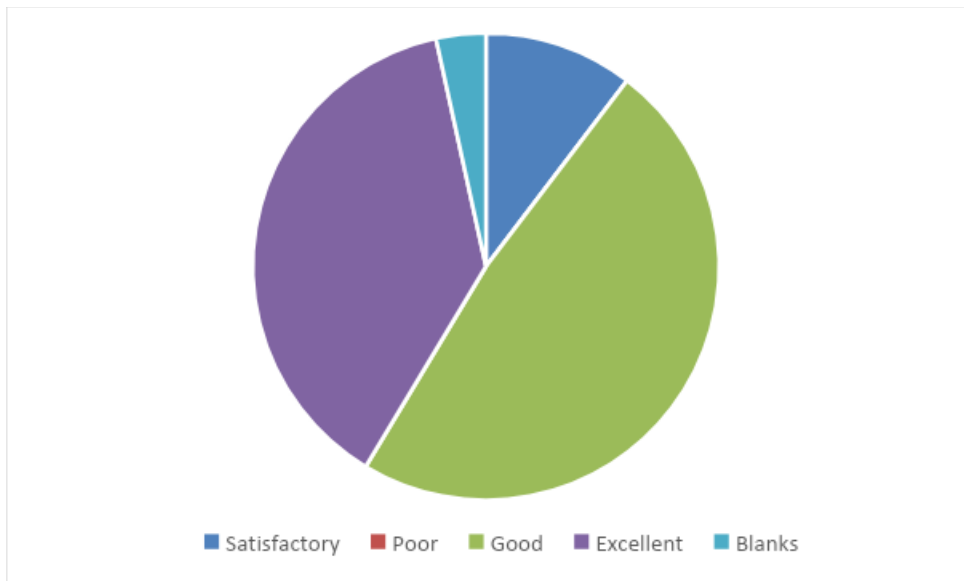
Satisfactory	Poor	Good	Excellent	Blanks	Total
4	0	12	12	1	29





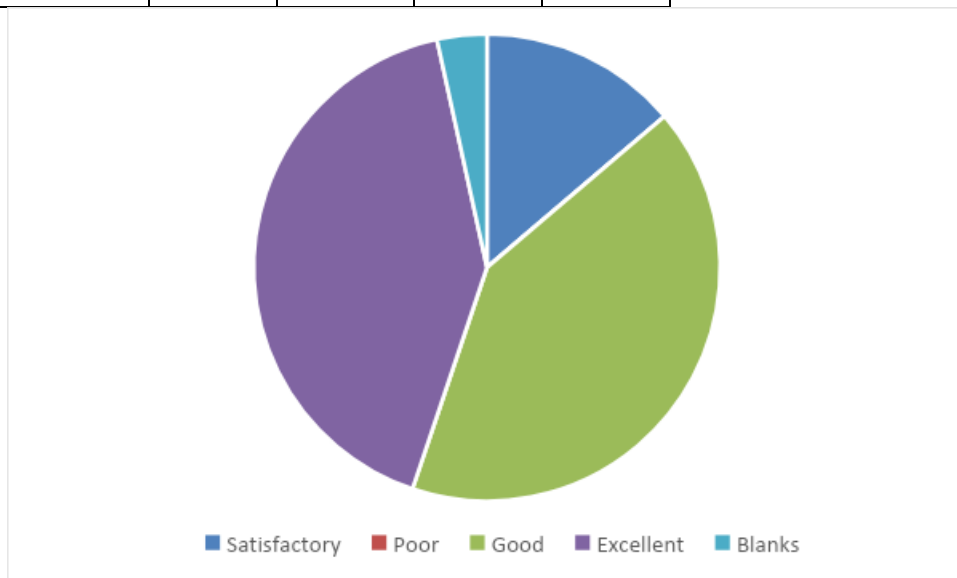
41. Exposure of students to cultural activities through youth festival

Satisfactory	Poor	Good	Excellent	Blanks	Total
3	0	14	11	1	29



42. Organization of quiz competition, seminars, conferences which benefits you.

Satisfactory	Good	Excellent	Blanks	Total
4	12	12	1	29

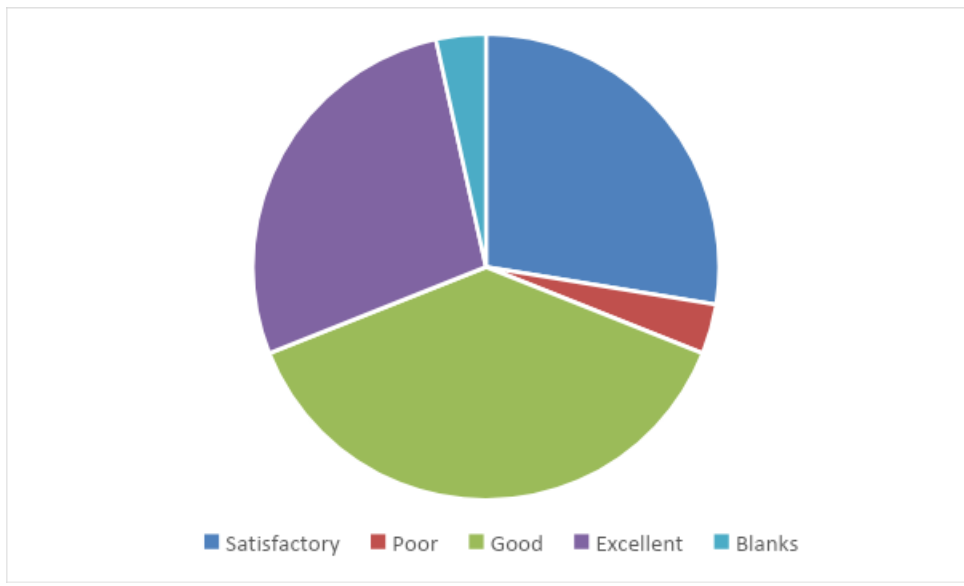


43. How do you rate facilities available and guidance provided at competitive examination centre

Satisfactory	Poor	Good	Excellent	Blanks	Total
8	1	11	8	1	29

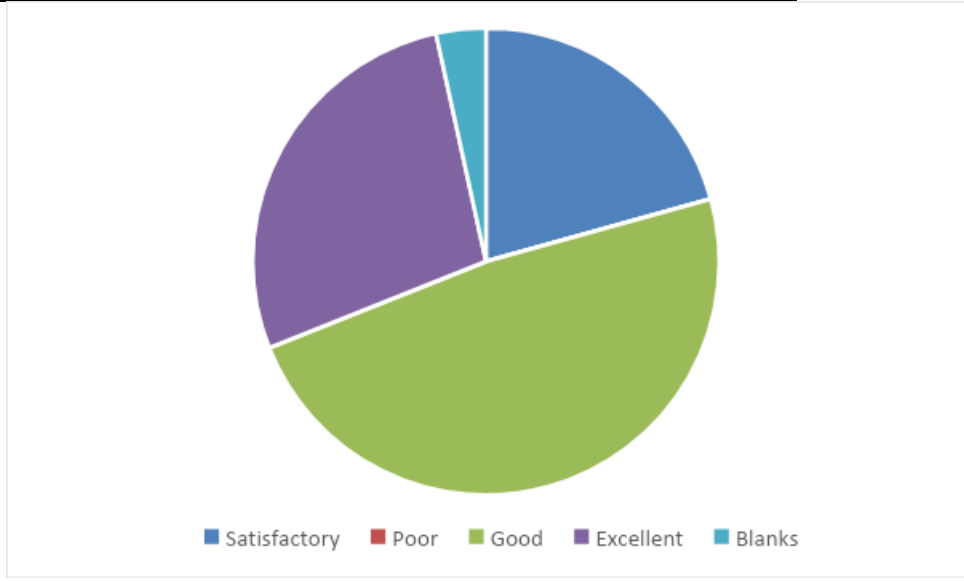






44. How do you rate your experience (Direct applications of Science) in science exhibitions cum fair organized by institute

Satisfactory	Poor	Good	Excellent	Blanks	Total
6	0	14	8	1	29



Suggestions –

1. Provide more books in library.
2. Provide more Forensic Instrument Facility
3. Organize Interactive skills related events for students
4. Organize Conferences and Workshops
5. Provide more knowledge about Cyber Crime Investigation
6. Provide knowledge about Business as Forensic Investigation
7. Need wifi routers for the educational purpose.
8. Improve books facilities regarding to the subjects.



## The Student Satisfaction Index is 84.09

Question	Satisfactory	Good	Excellent	Total	Satisfaction Percentage
The Curriculum is challenging , in accordance with needs of industry and capable to develop employability skills	7	11	9	27	93.10344828
The Syllabus covers learning values in terms of skills,concepts,knowledge,analytical abilities or broadening perspectives,environmental awareness & human values	7	13	7	27	93.10344828
The curriculum has relevance with practical/lab work	5	13	6	24	82.75862069
The internal examination system is good	3	12	11	26	89.65517241
The curriculum is superior to that of other Universities	10	11	6	27	93.10344828
The curriculum is conceptually easy to understand & choices available for selecting the subjects	9	6	13	28	96.55172414
How do you find the curriculum of certificate/diploma courses?	2	15	12	29	100
Your opinion about implementation of curriculum	8	13	6	27	93.10344828
Organisation of inter and intradepartmental activities like quiz competitions, poster presentations, popular talks of eminent personalities, workshops which enrich the	4	10	14	28	96.55172414
Learning through educational tours conducted by various departments	1	4	4	9	31.03448276
Encouragement of the students for research by organization of seminars/ conference and popular talks of eminent personalities	6	10	12	28	96.55172414
Involvement of undergraduate students in research activities/ projects	7	11	10	28	96.55172414
Research project allotment and guidance by faculty to post graduate students	4	17	6	27	93.10344828
Research facilities provided by various departments	6	15	6	27	93.10344828
Help of CFC in research	3	14	6	23	79.31034483

The admission process of the institute is effective, transparent and satisfactory & attracts meritorious students	7	12	7	26	89.65517241
Is the 'EARN AND LEARN' scheme run by the institute helpful for needy students/ economically backward students?	4	12	13	29	100
Does the institute play a key role in availing various scholarships to the students?	7	14	6	27	93.10344828
Is institute show active interest in promoting internship, student exchange and field visit	2	10	4	16	55.17241379
How do you look at the efforts taken by the placement cell to get you the Placement	5	7	5	17	58.62068966
Student counseling, guidance and suggestions grievance redressal cell	8	12	6	26	89.65517241
The college campus is clean and green enriched with renewable energy sources	7	10	10	27	93.10344828
Clean classrooms with clean benches and desks are in enough proportion	3	9	5	17	58.62068966
The laboratories are adequate, clean, well equipped, lab instruments are in working condition.	9	11	4	24	82.75862069
Provision of clean and enough drinking water	7	11	5	23	79.31034483
The toilets are cleaned properly and enough in number	3	9	2	14	48.27586207
Availability of adequate parking facilities	8	12	6	26	89.65517241
Sports infrastructure is adequate	10	8	5	23	79.31034483
How do you find the hostel facilities in the institute?	10	7	2	19	65.51724138
What is your opinion about quality of food and environment in college canteen?	9	11	5	25	86.20689655
Adequate power supply in the institute	1	16	9	26	89.65517241
Accessibility of library for exchange of books	5	13	10	28	96.55172414
Availability of number of books of respective subject, journals and other reading material	4	15	5	24	82.75862069
Cataloguing and arrangement of books in library, use of OPAC	3	13	9	25	86.20689655

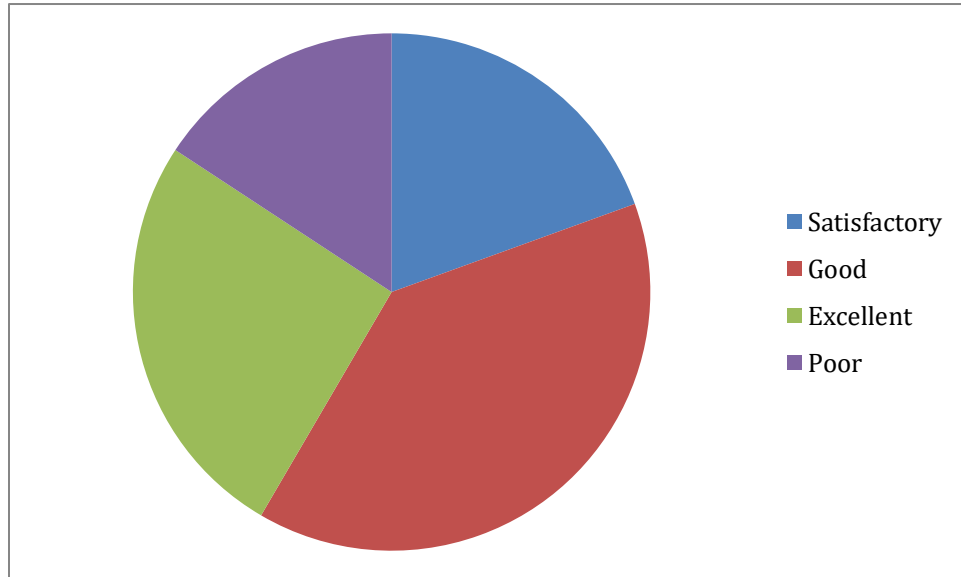
Support and assistance of library staff	8	9	5	22	75.86206897
Xerox facility Accessibility of internet center as and when required	7	8	5	20	68.96551724
Use of educational online resources, Wi-Fi and internet connectivity	6	4	4	14	48.27586207
The sports department provides adequate opportunities for playing games, participation in state, national and international level competitions	3	11	11	25	86.20689655
How do you rate your exposure to society through NSS and NCC programmes (Activities run for awareness of social responsibilities eg. Blood donation camp, Tree plantation, Visit to old age homes etc.)	5	10	11	26	89.65517241
Opportunity / platform given to student to express themselves in social, Scientific and cultural areas (Article writing, Drawing, Writing of poems)?	4	16	8	28	96.55172414
Exposure of students to cultural activities through youth festival	3	14	11	28	96.55172414
Organization of quiz competition, seminars, conferences which benefits you.	4	12	12	28	96.55172414
How do you rate facilities available and guidance provided at competitive examination centre	8	11	8	27	93.10344828
How do you rate your experience (Direct applications of Science) in science exhibitions cum fair organized by institute	6	14	8	28	96.55172414
Total	248	496	329	1073	3700
<b>Student Satisfaction Index</b>	19.43	38.87	25.78	84.28	<b>84.28</b>

**\*Total 29 students given feedback.**



## Student Satisfaction Index

Satisfactory	Good	Excellent	Poor	Total	PSI
19.43	38.87	25.78	15.72	29	84.28



*Chairman*  
Chairperson  
Feedback Committee

*Head*  
**Head**  
Dept. of Forensic Science  
Yashwantrao Chavan Institute of Science  
Satara



# Yashvantrao Chavan Institute of Science, Satara (Autonomous)

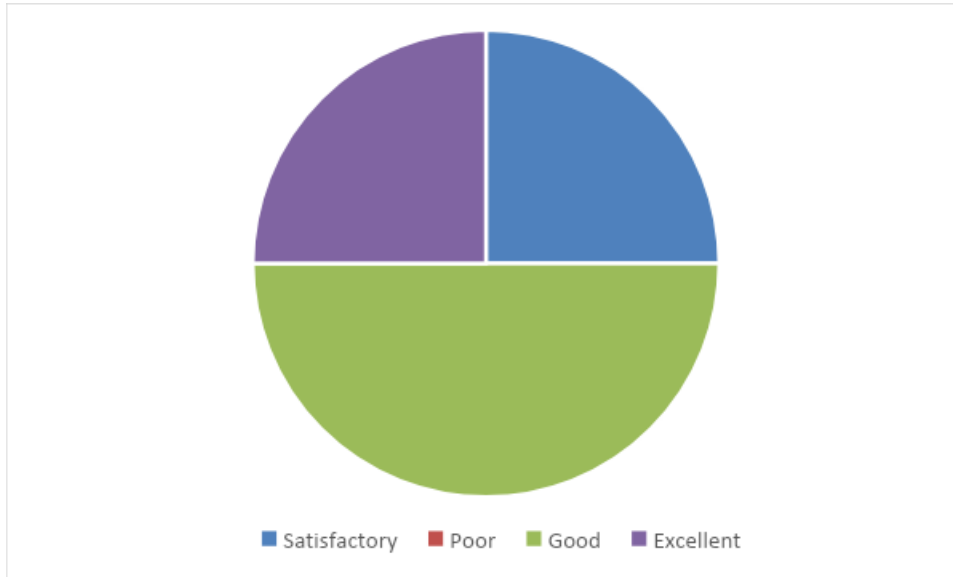
Department of Forensic Science

2022-2023

## Parent Feedback Analysis Report

1. The course of your ward with respect to latest technologies/ future technologies?

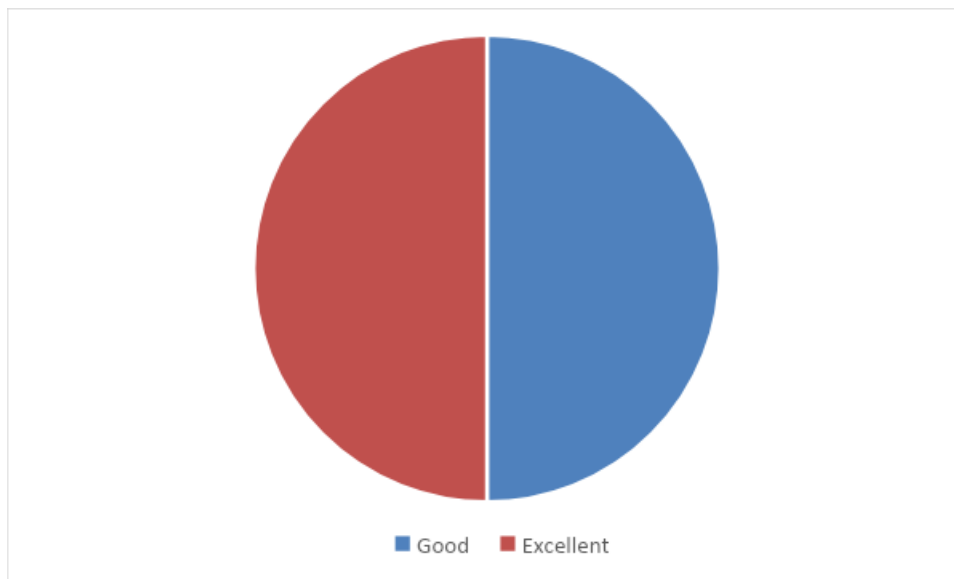
Satisfactory	Poor	Good	Excellent	Total
1	0	2	1	4





2. Quality of teaching in the institute & academic discipline (timely conduction of lectures, practical and related activities)

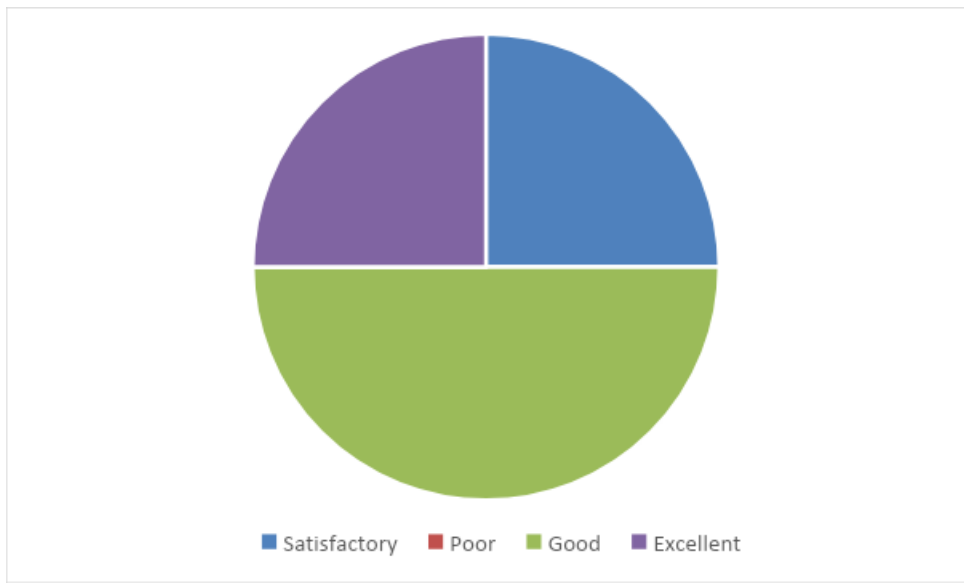
Satisfactory	Poor	Good	Excellent	Blanks	Total
0	0	2	2	0	4



3. Availability of text and reference books in institutional library and market

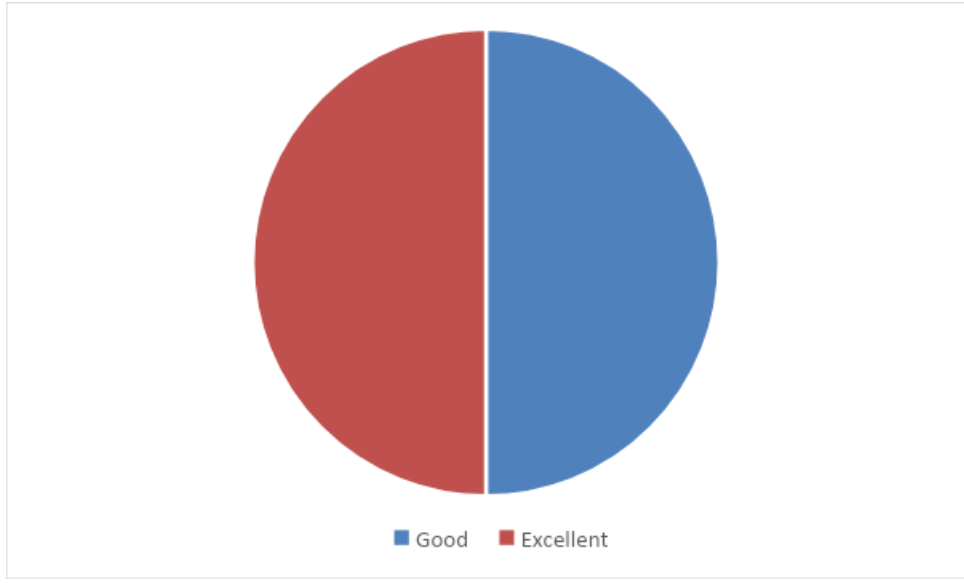
Satisfactory	Poor	Good	Excellent	Total
1	0	2	1	4





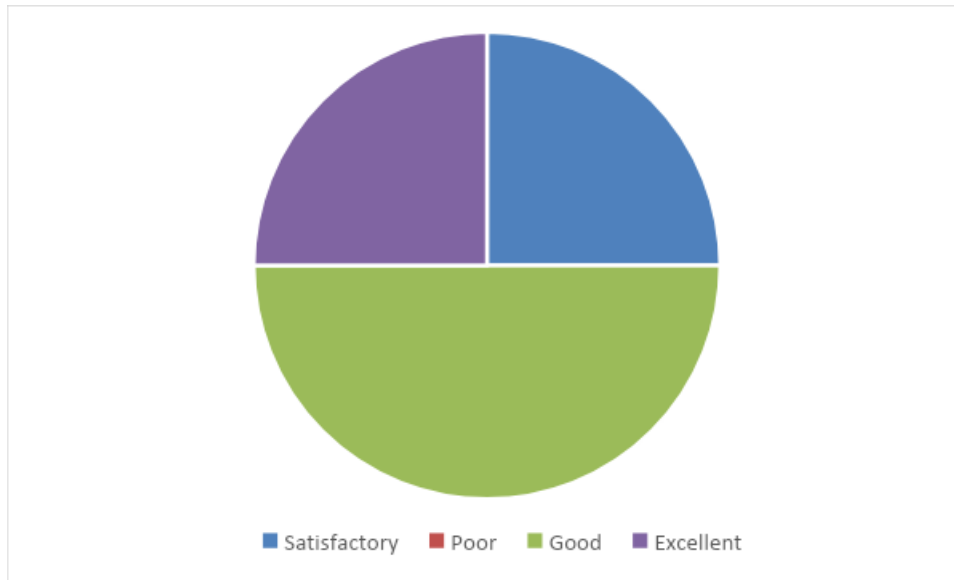
4. Outcomes that your ward has achieved from course (In terms of knowledge, soft skills, ethics, morality and awareness of social problems)

Satisfactory	Poor	Good	Excellent	Total
0	0	2	2	4



5. Treatment of your ward with respect to gender, cast community by faculty

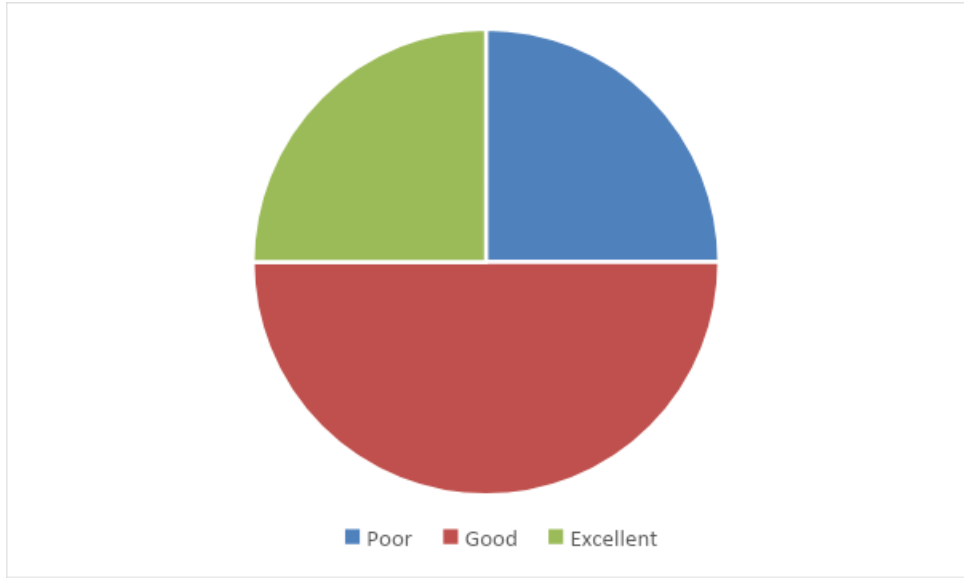
Satisfactory	Poor	Good	Excellent	Total
1	0	2	1	4



6. Admission process

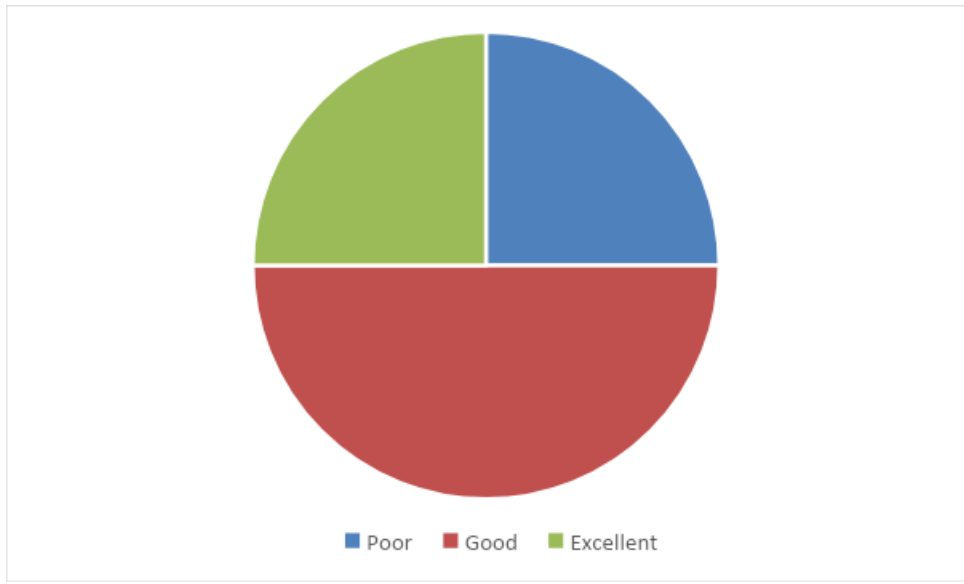
Satisfactory	Poor	Good	Excellent	Total
0	1	2	1	4





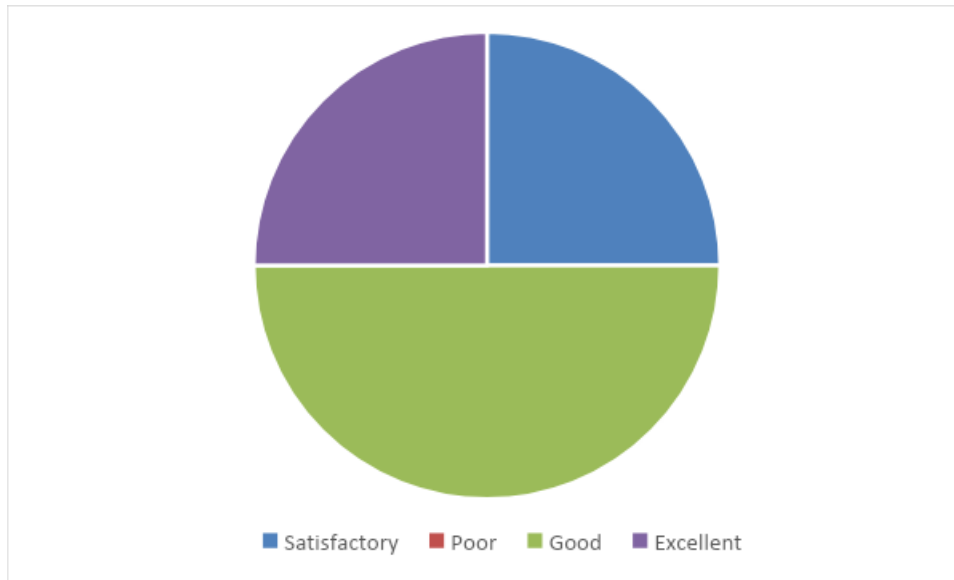
7. Infrastructure and maintenance

Satisfactory	Poor	Good	Excellent	Total
0	1	2	1	4



### 8. Library and internet facility

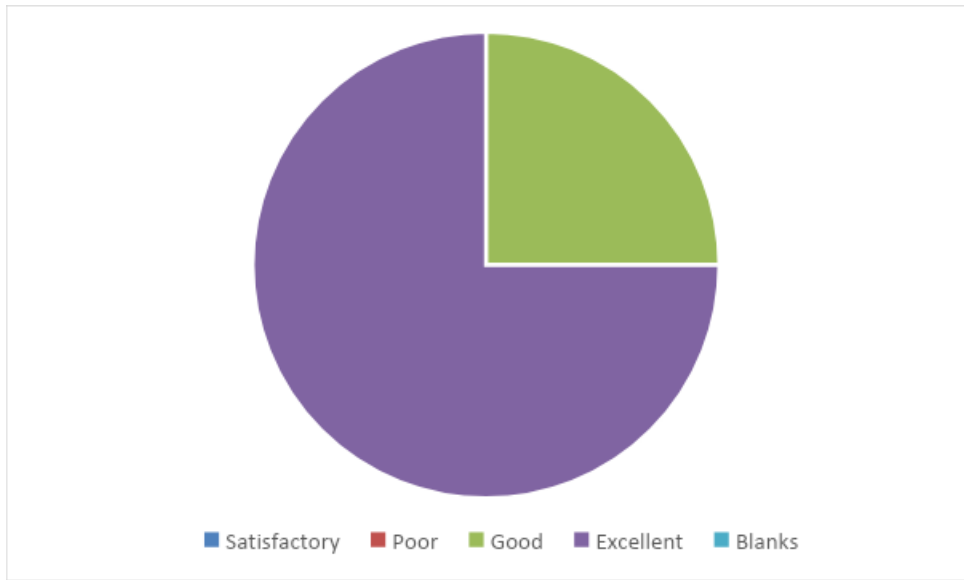
Satisfactory	Poor	Good	Excellent	Total
1	0	2	1	4



### 9. Sport and cultural activities

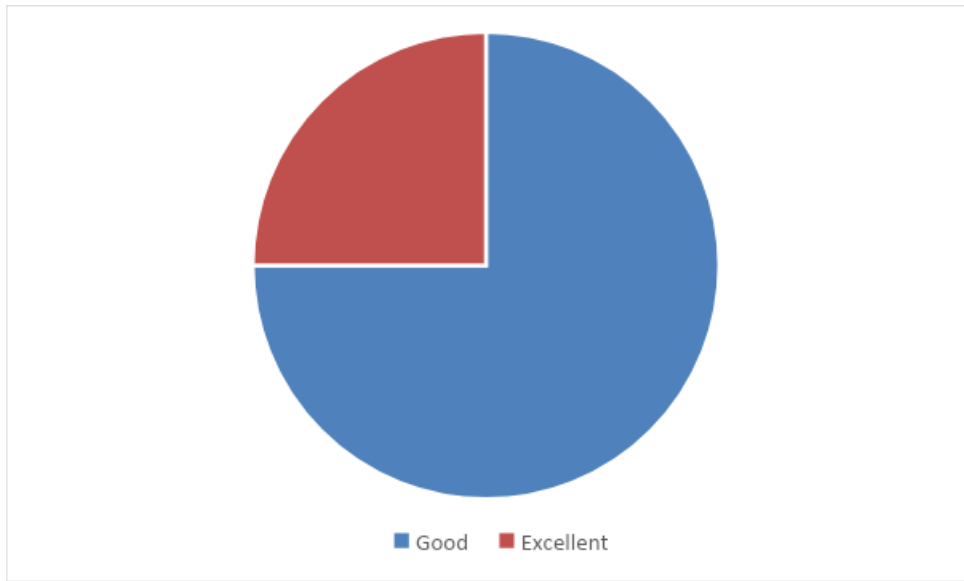
Satisfactory	Poor	Good	Excellent	Blanks	Total
0	0	1	3	0	4





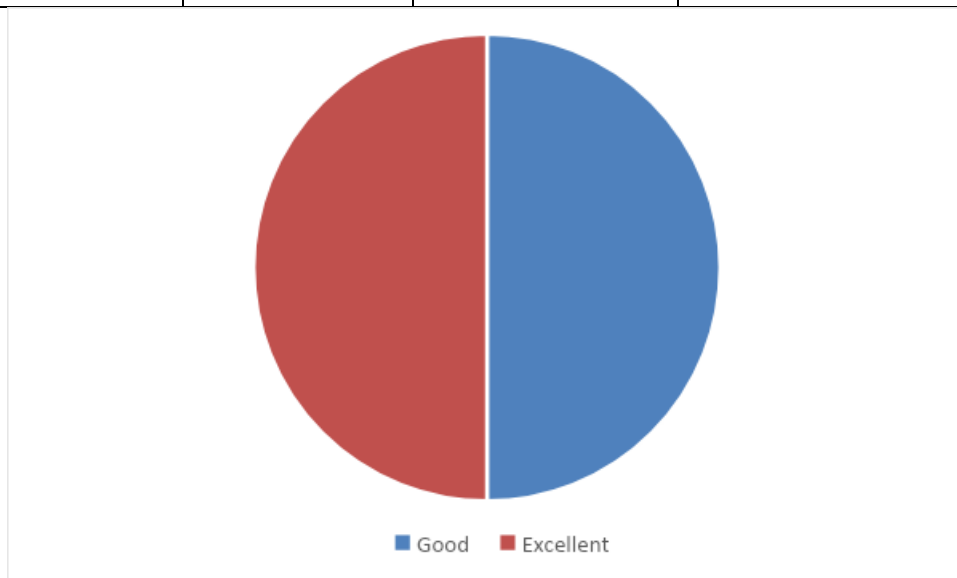
10. Canteen facility

Satisfactory	Poor	Good	Excellent	Total
0	0	3	1	4



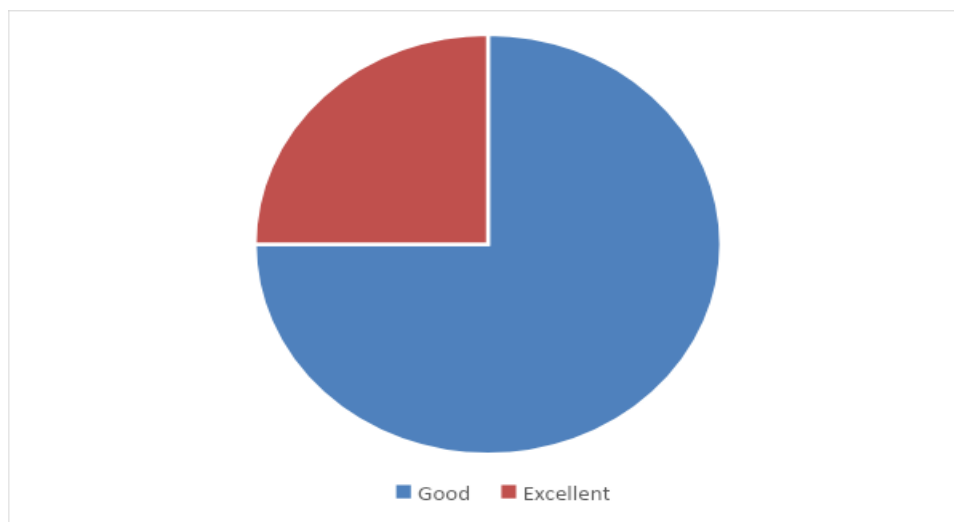
### 11. Student counseling and guidance

Satisfactory	Poor	Good	Excellent	Total
0	0	2	2	4



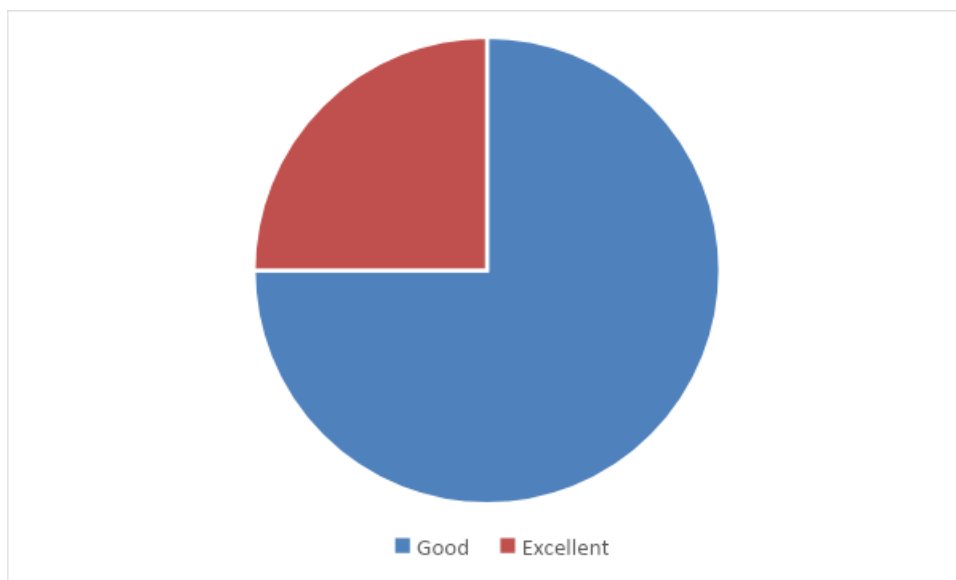
### 12. Examination system of institute

Satisfactory	Poor	Good	Excellent	Total
0	0	3	1	4



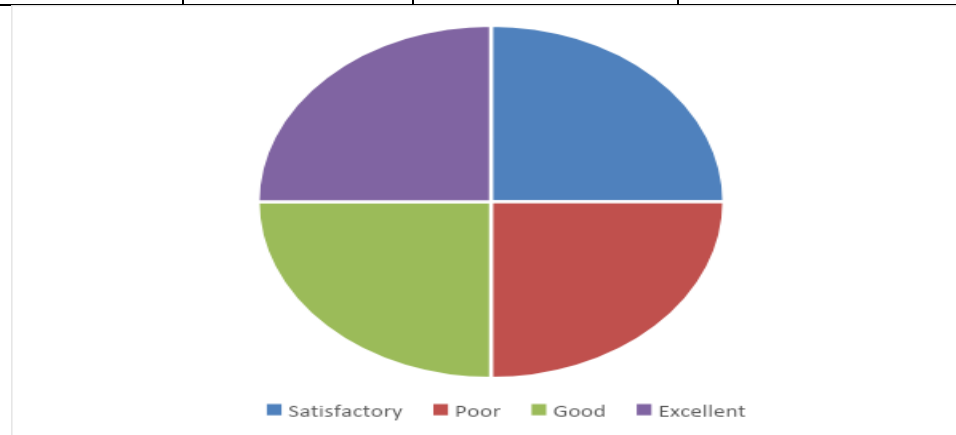
13. Work culture observed by you and your ward

Satisfactory	Poor	Good	Excellent	Total
0	0	3	1	4



14. Placements

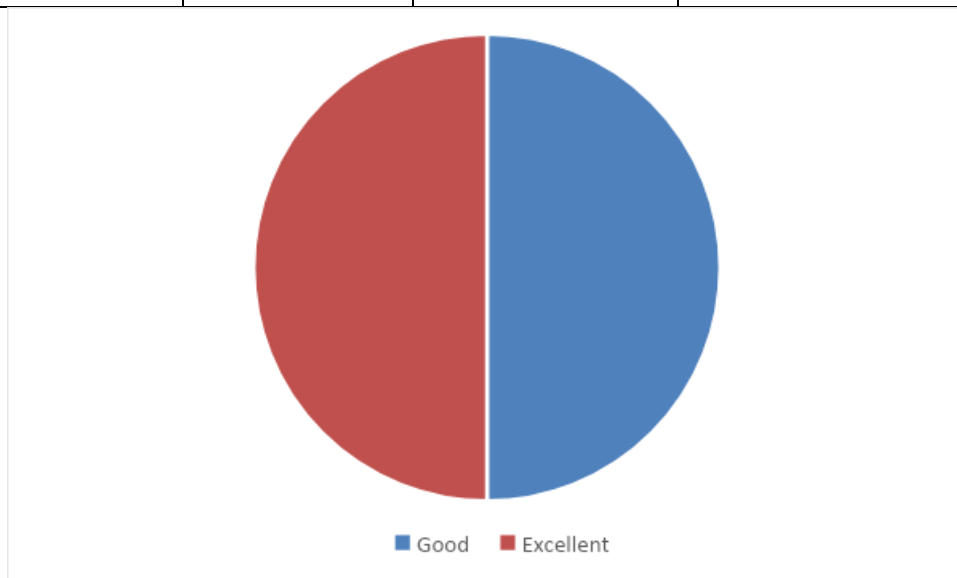
Satisfactory	Poor	Good	Excellent	Total
1	1	1	1	4





### 15. Other facilities provided by institute

Satisfactory	Poor	Good	Excellent	Total
0	0	2	2	4



### Suggestions –

1. There should be more placement cell and job opportunity guidance
2. Improve the advanced techniques in forensic
3. Improvement in department
4. Improve the teaching skill and implement new technology
5. Give more assignments to the students so they will be engaged in studies
6. There should be more involvement of job security, placement cells regarding the course.
7. It would be good for students of forensic science if institute offers placements for students of forensic science also.
8. Placement needed
9. There should be proper guidance and more training, field work, lab work, should be provided to the student in RFSL, DFSL, or any other laboratories rather than one day tour. Workshop should be carried out for the student to get hand-to-hand lab working facilities should be provided also the cyber facilities should be more accommodate, to the forensic student.



## The Parent Satisfaction Index is 95.92%

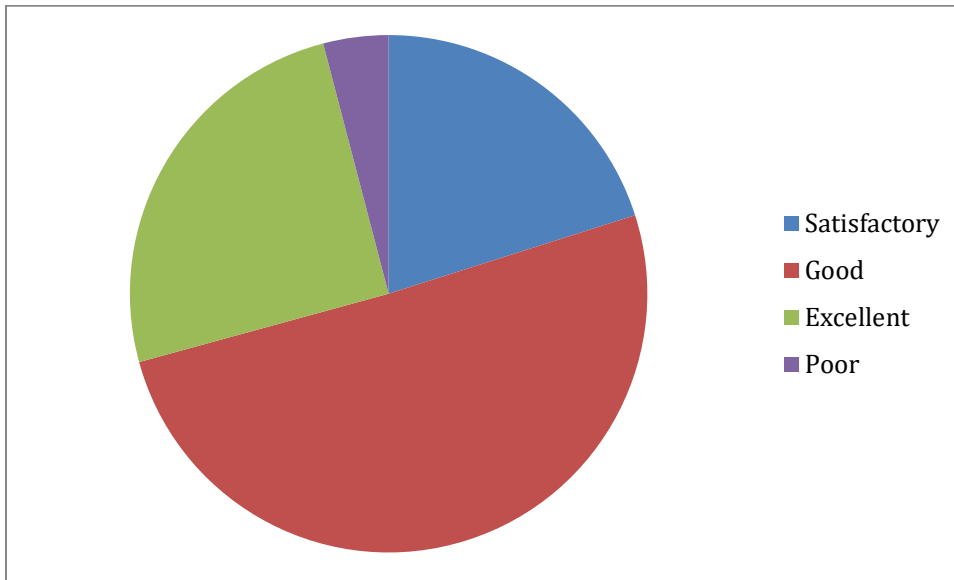
Question	Satisfactory	Good	Excellent	Total	Satisfaction Percentage
The course of your ward with respect to latest technologies/ future technologies?	1	2	1	4	100
Quality of teaching in the institute & academic discipline (timely conduction of lectures, practical and related activities)	0	2	2	4	100
Availability of text and reference books in institutional library and market	1	2	1	4	100
Outcomes that your ward has achieved from course (In terms of knowledge, soft skills, ethics, morality and awareness of social problems)	0	2	2	4	100
Treatment of your ward with respect to gender, cast community by faculty	1	2	1	4	100
Admission process	0	2	1	3	75
Infrastructure and maintenance	0	2	1	3	75
Library and internet facility	1	2	1	4	100
Sport and cultural activities	0	1	3	4	100
Canteen facility	0	3	1	4	100
Student counseling and guidance	0	2	2	4	100
Examination system of institute	0	3	1	4	100
Work culture observed by you and your ward	0	3	1	4	100
Placements	1	1	1	3	75
Other facilities provided by institute	0	2	2	4	100
Total	5	31	21	57	1425
<b>PARENT SATISFACTION INDEX</b>					

\*Total 4 parents given feedback



## Parent Satisfaction Index

Satisfactory	Good	Excellent	Poor	Total	PSI
14.46666667	36.467	18.1333	2.93	72	95.92



*Chairperson*  
feedback committee

*Head*  
Dept. of Forensic Science  
Yashwantrao Chavan Institute of Science  
Satara

**Department of Forensic Science**

Academic Year 2022-23

**Feedback Analysis**

**Action Taken Report**

Sr No	Suggestions/ Comments	Action Taken	Relevant Documents
1.	Provide more books in library	Purchased new books in library	<a href="https://drive.google.com/file/d/1HUqio2YEow8IpE6DOFce0leLM0gdz_7e/view?usp=sharing">https://drive.google.com/file/d/1HUqio2YEow8IpE6DOFce0leLM0gdz_7e/view?usp=sharing</a>
2.	Provide more Forensic Instrument Facility	Purchased new Comparison Microscope in Forensic Ballistic	<a href="https://drive.google.com/file/d/1gkevqQSf-c8c6Jypz3B1bcmkxCoD1ZUY/view?usp=sharing">https://drive.google.com/file/d/1gkevqQSf-c8c6Jypz3B1bcmkxCoD1ZUY/view?usp=sharing</a>
3.	Organize Interactive skills related events for students	Organized under extension activity cyber crime awareness programs through students for School students at Brahmपुरi	<a href="https://drive.google.com/file/d/10jIOdJo0vIaMBsCqeKRhUqkzA5wx0awE/view?usp=sharing">https://drive.google.com/file/d/10jIOdJo0vIaMBsCqeKRhUqkzA5wx0awE/view?usp=sharing</a>
4.	Organize Conferences and Workshops	Organized National Conference	<a href="https://drive.google.com/file/d/1alggDO1fF_QZNTFvPE336y4vobCBekI8/view?usp=sharing">https://drive.google.com/file/d/1alggDO1fF_QZNTFvPE336y4vobCBekI8/view?usp=sharing</a>
5.	Provide more knowledge about Cyber Crime Investigation	Organized Hands on training on Digital Crime Investigation	<a href="https://drive.google.com/file/d/1ld_v4qbKZRTNBmSPOh_1OO025rZPro9q/view?usp=sharing">https://drive.google.com/file/d/1ld_v4qbKZRTNBmSPOh_1OO025rZPro9q/view?usp=sharing</a>
6.	Provide knowledge about Business as Forensic Investigation	Organized one day seminar on Entrepreneurship approaches in Forensic Science	<a href="https://drive.google.com/file/d/1VAqx8gx9MGQ9-BDeli-qGn5Z0bgboc4-/view?usp=sharing">https://drive.google.com/file/d/1VAqx8gx9MGQ9-BDeli-qGn5Z0bgboc4-/view?usp=sharing</a>

*B. A. W. R.*  
Chairperson  
Feedback Committee



*Amol.*  
Head  
Dept. of Forensic Science  
Yashavantrao Chavan Institute of Science  
Satara

P.G.

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1	Electronic for you	1	Global journal of Pure & Applied Mathematics	1	University News
2	Current Science	2	International Journals of Agriculture and food Science technology	2	Shikshan Sankraman
3	Mathematics Newsletter	3	Int. Journal of Nano Science and Nanotechnology	3	Parivartnacha vatsaru
4	Journal of Rheedea	4	International Journals of Molecular Genetics	4	Careers
5	Dream 2047	5	International of Pure & Applied Physics	5	Sadahana
6	Fuzzy sets, Rough sets & multivalued operation and application	6	International journal of Applied Physics	6	New India Samachar
7	Operarch	7	International Advances in Zoology	7	Anandshradha
8	Indian Journal of Experiment Biology	8	International Advances in Modern chemistry	8	Naac News
9	Indian Journal of Pure & Applied Physics	9	Int. Journal of Applied Biotechnology & Biochemistry	9	Jadan-Ghadan
10	Indian Journal of Genetics plant Breeding	10	Int. Journal of Advances Computer Science and Technology	10	Chankya Mandal
11	Digit	11	Int.Journal of Computing Graphics and Tehchniqes		
12	Resonance	12	Int.Journal of Drug Development And Technology		
13	Journal of Indian Mathematical Society	13	Int. Journal of Wastewater Treatment and Green Chemistry		
14	Down to Earth				
15	Journal of the PCQUEST				

**Total Journals/Periodicals – 38 Amt- 77999/-**





Yashwantrao Chavan Institute of Science, Satara (Autonomous)  
**Department of Forensic Science**  
Extension Activity (2022-23)  
Report

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**Campaign on “Cyber Crime Awareness”  
At Shree Gadge Maharaj Prathamik & Madhyamik Ashramshala,  
Brahmpuri, Tq. Korgaon**

On March 25, 2023, Department of Forensic Science hosted a campaign entitled “Cyber Crime Awareness”. The campaign was conducted under Extension activity. The purpose of the program was to bring together all the above school Students and taught about different Cyber Crimes with their safety for all students.

The Introduction of program given by Mr. Gaurav A.Varade, Assistant Professor, Department of Forensic Science Yashwantrao Chavan Institute Of Science, Satara.

The program was inaugurated by the auspicious hands of Mrs. Mohite mam, Headmistress, Shree Gadge Maharaj Madhyamik Ashramshala, Brahmpuri. For this program 16 students from B.Sc. III and M.Sc. I class of Forensic Science department are involved. In this program various cyber crime related to students are aware such as Cyber Stalking, Honey traps, Fake profile with sextortion, Picture morphing, Profile Hacking, Dating websites, SMS Spoofing, Deep fakes and along with where register the Cyber Crime Complaint.

There were 75 students of 8<sup>th</sup> and 9<sup>th</sup> Standard and 10 faculties participated from Shree Gadge Maharaj Madhyamik Ashramshala, Brahmpuri. The program was concluded with a vote of thanks proposed by Mr. Sarang Damle, B.Sc. III class.





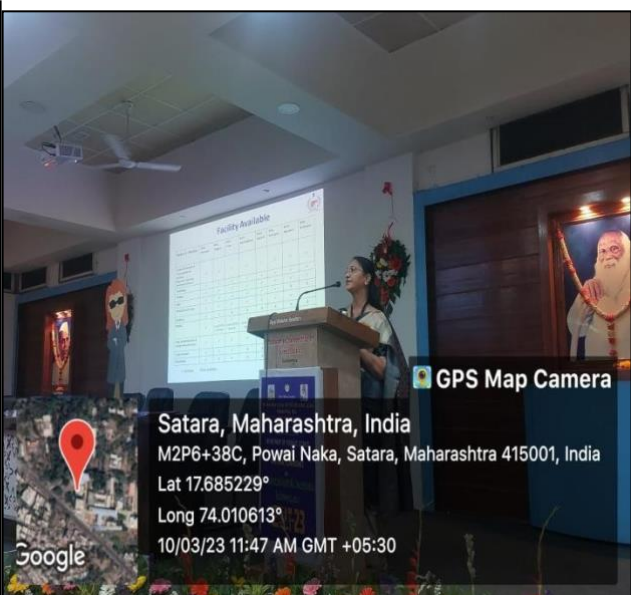
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 Dept. of Forensic Science  
 Yashwantrao Chavan Institute of Science  
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Rayat Shikshan Sanstha's,  
**Yashwantrao Chavan Institute of Science, Satara (Autonomous College)**  
**Department of Forensic Science**  
**Organizes,**  
**Two Days National Conference**  
**On**  
**“Emergence in Scientific Investigative Techniques 2023”**  
**Report**

**Inaugural Ceremony**

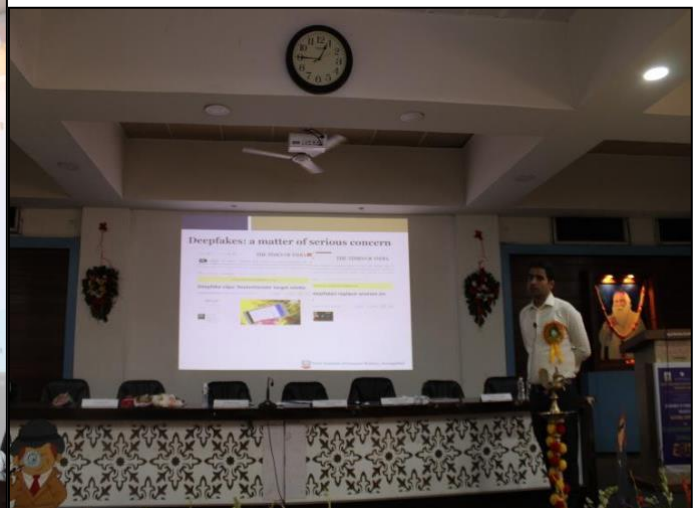
Rayat Shikshan Sanstha's Yashwantrao Chavan Institute of Science Satara (Autonomous College) Department of Forensic Science was organized a two days National Level conference on “Emergence in scientific Investigative Techniques 2023” on 10<sup>th</sup> and 11<sup>th</sup> March, 2023. The department had organized this conference with a view to aware society with the applications of forensic science for societal development, Students, police officers, lawyers, and doctors from various colleges and universities in India attended this two-day national-level conference. There were total 262 entries for the conference. 219 students from our department, 20 students, professors and research scholarship from other institutes and 23 police personnels were registered for the conference. On this occasion, different experts from various fields delivered expert talks on various topics related to forensics. Along with the expert talk, a poster and oral presentation were also organized for the participants. A beautiful cultural program was also arranged on the occasion of this conference at Karmaveer Auditorium.



The introduction of the inaugural program was given by Dr. A.R. Mali., Chairman, ESIT-23 and Co-ordinator, Dept. of Forensic Science, YCIS, Satara. As the chief guest for the inaugural ceremony of the National Conference, Mrs. Chitra Kamat, a Deputy Director, Ballistics Division, Regional Forensic Science Laboratory, Pune, Maharashtra, India had given the chief guest address. At this National Conference, Deputy Director, Ballistics Division, Regional Forensic Science Laboratory, Pune, Mrs. Chitra Kamat had given the keynote address. She discussed about the Ballistics, types of firearms and types of cases and their investigation process. handling of the forensic ballistics evidences, and their importance in investigation. After the keynote address, the president of this conference, Principal of the institute, Dr. B. T. Jadhav had given a presidential address. Convener of ESIT23 Mr. V. K. Hankare had proposed a vote of thanks for the inaugural program of the conference.

## Session I

The first technical session on the topic “Deep fakes: challenges and Forensic solutions.” was conducted by Dr. Rajesh Kumar, Asst. Prof. & Head, Department of Forensic Science, GIFS, Aurangabad. Sir had discussed defakes, which means how people create fake content, how to identify defakes and the software that is used for detecting them. The resource person talked about shallow fakes, cloning, splicing, resampling, and morphing, as well as how to detect fakes by using reverse image search, metadata analysis, photoforensics, and different software. This session was chaired by Dr. S. H. Mujawar Research Dean, Yashwantrao Chavan Institute of Science (Autonomous) Satara Maharashtra. Miss. M. S. Bagul, Asst. Prof., Department of Forensic Science, Y.C.I.S. Satara. (Autonomous) had worked as a Rapporteur.



## Session II

The second session on the first day of the conference, i.e. on 10<sup>th</sup> March 2023 on the topic “Emergence in Crime Scene Reconstruction” was conducted by Mr. Amol Deshmukh, Nodal Officer, Govt. of Maharashtra, Mumbai & Asst. prof. IFS, Mumbai. In his session, Sir guided regarding science of Crime Scene Reconstruction and importance of Crime Scene Reconstruction. Sir also highlighted this point regarding appointment of Forensic Expert in investigating the crime. i.e., “If the punishment of crime is more than 7 years of imprisonment then a Forensic Expert must be appointed for crime scene investigation.” This session was chaired by Dr. Varsha V. Sawant, Assoc. Prof., Department of Chemistry, YCIS, Satara, Ms. Shivani U. Patole, Asst. Prof. Department of Forensic Science, YCIS Satara had worked as Rapporteur.



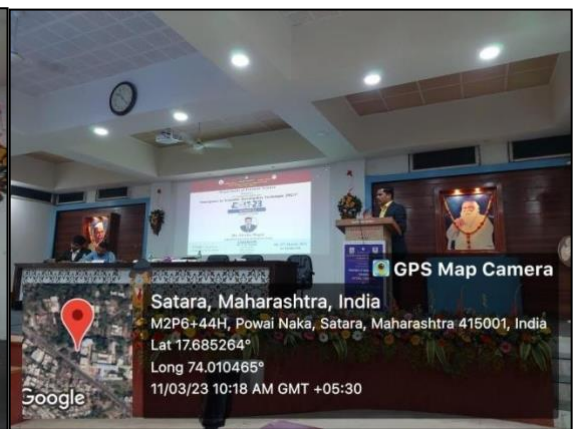


## **11 th March 2023 2nd day of Conference**

### **Session I**

On second day of the conference, i.e. on 11<sup>th</sup> March 2023 First session of second day on topic “Application of Forensic Science in Insurance Sector” was conducted by Mr. Nivrte Magar, Assistant Vice President (Forensic), ICS Assure Services Pvt. Ltd., Mumbai. During this session he has guided on the Insurance sector, Forensic tools and techniques used in Insurance claims and Case studies etc. This session was chaired by Dr. Pawan K.Pagare, Asst. Prof., Department of Physics, YC.I.S., Satara, Mr G.A.Varade Asst. Prof. ,Department of Forensic Science, YCIS Satara had worked in the capacity of Rapporteur.





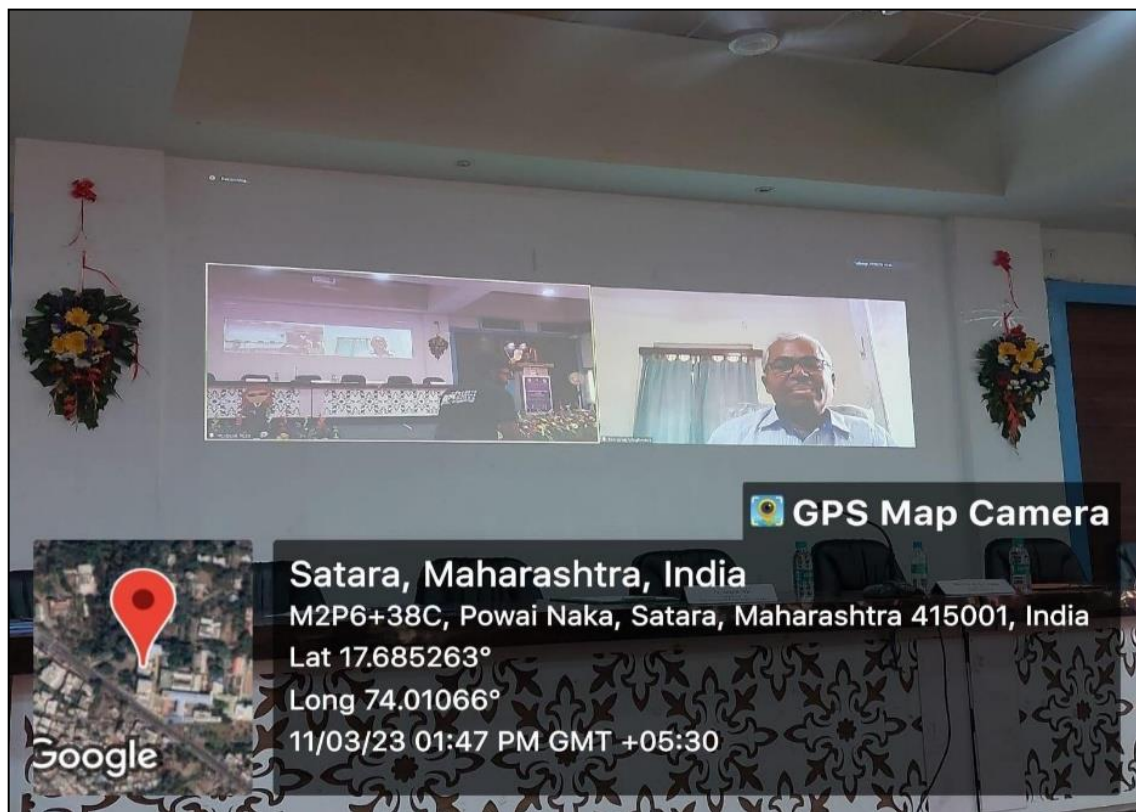
## Session II

On the second day of the conference, i.e. on 11<sup>th</sup> March 2023 Second session of the second day on the topic “Emerging cyber threats and security measures” was conducted by Mr. Sandip Gadia, Cyber Expert, Pune. During this session he has guided on the Cyber threats, digital footprints, importance of such digital footprints, challenges handling digital evidence, cyber frauds, cyber crimes etc. This session was chaired by Dr. P.V.Chavan sir, ED cell chairman, Associate professor, Department of Chemistry, YCIS Satara. Ms. J.J. Bhadre, Asst. Prof., Department of Forensic Science, YCIS Satara had worked in the capacity of Rapporteur.



### Session III

Third session of second day on topic “Recent Advancements in Forensic Ballistics” was conducted by Dr. Narayan Waghmare, Director, Goa Forensic Science Laboratory, Verna, Goa through online mode on zoom platform. During this session he has guided on the Firearm, Ammunition, Artificial Intelligence used in the collection of Firing cases exhibits, Tools used in Forensic Examination of Bullets, Cartridges such as Comparison Microscope, Quantum 3DMicroscope etc. For this session Ms.S.S.Desai, Asst. Prof., Department of Forensic Science, Y.C.I.S., Satara had worked as Rapporteur.



#### **Session IV**

On second day of the conference, i.e. on 11 th March 2023, fourth session of second day on the topic “Emerging Challenges in Forensic Psychology” was conducted by Dr. Vilas Padhye, Head, Department of Psychology, Elphinstone College. In his session, Dr. Padhye touched various aspects of forensic psychology and discussed the modern trends in forensic psychology including psychological autopsy, Narco-Analysis, Polygraph and Brain Electrical Oscillation Signature Profiling. He also stressed upon the importance of studying the emerging challenges in forensic psychology to ponder over the possible solutions and arrive at a common ground in order to increase the scope of the field. This session was chaired by Dr. S. S. Kanase, Associate Professor, Department of Microbiology, Y.C.I.S., Satara. Ms. N. V. Bhalerao, Asst. Prof., Department of Forensic Science, Y. C. I. S., Satara had worked in the capacity of Rapporteur.



## Session V

On second day of the conference, i.e. on 11th March 2023 last session of second day on topic “Emerging Challenges and Trends in Forensic Toxicology” was conducted by Dr. Gyanendra Singh, Scientist -C, Toxicology Department , ICMR- National Institute of Occupational Health, Ahmedabad. During this session he had guided on the heavy metal toxicity, their effects on human health. Sir also highlighted the points regarding the diet of pregnant women and their effects on the child. This session was chaired by Dr. R. V. Hangarge, Asst. Prof., Department of Chemistry, YC.I.S., Satara, Mr. S. S. Nalage, Asst. Prof., Department of Forensic Science, YCIS Satara had worked as rapporteur.





### Valedictory Function

The valedictory function started sharp at 04.00 PM. The introduction of the valedictory function was given by Mr. G. A. Varade, Coordinator, ESIT-23 and Asst. Prof., YCIS, Satara. Guest of Honour Address was given by Dr. Gyanendra Singh, Scientist -C Toxicology Department ICMR- National Institute of Occupational Health Meghani Nagar, Ahmedabad had given a chief guest address. Dr. Gyanendra Singh was present as an Eminence Appearance. Participants from different colleges and universities expressed their satisfactory views about the conference. The presidential address was given by Mr. Amol Deshmukh, Nodal Officer, Govt. of Maharashtra, Mumbai & After the presidential address prizes were distributed to the winners of Poster and Paper Presentation with the auspicious hands of delegates of the conference.





Mr. S. S. Nalage Organizing Secretary, ESIT-23, and Asst. Prof., Dept. of Forensic Science, YCIS, Satara (Autonomous) had proposed a vote of thanks of the valedictory program of two-day National Level Conference on **Emergence in Scientific Investigative Techniques 2023**. National Level Conference ended with the National Anthem.



*Arvind*  
**Head**  
Dept. of Forensic Science  
Yashwantrao Chavan Institute of Science  
Satara

Rayat Shikshan Sanstha's  
**Yashwantrao Chavan Institute of Science, Satara (Autonomous)**  
**Department of Forensic Science**  
**Hands-on training on Tools used in Digital forensic Investigations**  
**Report**

The Department of Forensic Science has organized a 3 days Hands on training program on **Digital forensic Investigations** Under OS forensic Consultancy for B.Sc. II Forensic Science Students. These hands on training programme panned from 24th, 25th and 26th April 2023. 71 participants registered for the Hands on training programme.

First day started with the felicitation of guest speaker Mr. Aditya More, Research Associate, EC- Council, Hyderabad, India at the hands of Miss. Manjushri Bagul Asst. Prof. Department of Forensic Science.



The Session started with the expert talk of the resource person Mr. Aditya More, Research Associate, EC- Council, Hyderabad, India at M3-1. Students were made aware about the basics of digital crime investigation and tools used for the investigation.

After the expert talk Mr. Aditya More delivered hands-on training on the tools used for digital crime investigation - OS forensic and gave the cases to the students to solve them in the cyber lab.

On the second day of the Hands on Training, on the tools used digital forensics investigation - OS forensic and also give the Encase software demonstration and give the cases to the students to solve them in cyber lab.



On the third day of the Hands on Training, the tools used digital forensics investigation - OS forensic and gave the cases to the students to solve them in the cyber lab.



*Amol.*  
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Yashwantrao Chavan Institute of Science, Satara (Autonomous)

**Department of Forensic Science**

Activity Report

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**One Day Seminar on**

**‘Modern Entrepreneurship Approaches in Forensic Science’**

**Jointly organized by**

**Department of Forensic Science & Entrepreneurship Development Cell**

On April 23, 2023, Department of Forensic Science hosted a One day Seminar entitled “Modern Entrepreneurship Approaches in Forensic Science”. The Seminar was jointly organized with Entrepreneurship Development Cell. The purpose of the seminar was to aware students about development of own Investigative Laboratory, process for to being successful entrepreneur.

The inaugural ceremony was initiated with welcome speech and prelude for the Seminar by Mr.GauravA.Varade, Assistant Professor, Department of Forensic Science Yashwantrao Chavan Institute Of Science, Satara.For this Seminar there is one Resource person has invited as alumni of Institute Mr. Akshay R. Kadam, Director, Spylens Forensic Investigation, Navi Mumbai. There were 50 students are participated from B.Sc. III class in the seminar.

Mr.Akshay Kadam highlighted the process for development of own Investigative Laboratory and Cases Handling. He focused to elaborate on what is Legal process; Government Approvals, Requirement and Educational Qualification for develop Laboratory. He also described the working as expert in laboratory and ethics about investigation. The session then concluded by questions of participants. The inaugural session were concluded with a vote of thanks proposed by Ms.Tanaya Fating, B.Sc. III Forensic Science





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