

Evaluative Report of the Department

1. Name of the Department: **Department of Mathematics**
2. Year of establishment: **UG - 1989, PG - 2015**
3. Is the Department part of a School/ Faculty of the university? **NO**
4. Names of programmes offered (UG,PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.): **UG (B.Sc. with Physics, chemistry, Mathematics), PG (M.Sc. in Mathematics)**
5. Interdisciplinary programmes and departments involved: **Value Added Course on Research Methodology for PG Students of All subjects has been jointly conducted by IQAC, department of Physics & Department of Mathematics.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
7. Details of programmes discontinued, if any, with reasons
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: **UG: Annual System, PG: Semester System**
9. Participation of the department in the courses offered by other departments:
 - **Value Added Course on Research Methodology for PG Students of All subjects has been jointly conducted by IQAC, department of Physics & Department of Mathematics.**
 - **The faculties from PGDCA classes are engaged in conducting classes of M.Sc. Physics (Programming in C).**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual(including CAS&MPS) |
|----------------------|------------|--------|---------------------------|
| Professor | 01 | NIL | NIL |
| Associate Professors | | | |
| Asst. Professors | 01 | 01 | 01 |
| Others | | | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience | No. of Ph.D./M. Phil. students guided for the last 4 years |
|--------------------|-----------------------|---------------------|----------------------|----------------------------|--|
| Dr. Nidhi Dewangan | Ph. D, M. Phil, M.Sc. | Assistant Professor | Analysis, Seismology | 10 years | NIL |
| Smt. Sheetal Verma | M.Sc. | Guest Faculty | Discrete, Algebra | 4 years | NIL |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NIL**
13. Percentage of classes taken by temporary faculty–programme-wise information: **UG- 50%, PG-50%**
14. Programme-wise Student Teacher Ratio: **UG – 75:1, PG – 14:1**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: **NIL**
16. Research thrust areas as recognized by major funding agencies : **NIL**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **NIL**
18. Inter-institutional collaborative projects and associated grants received: **NIL**
- a) National collaboration b)International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**
20. Research facility/centre with
- State recognition: **NIL**
- National recognition: **NIL**
- International recognition: **NIL**

21. Special research laboratories sponsored by/ created by industry or corporate bodies:
NIL

22. Publications:

- * Number of papers published in peer reviewed journals (national/international) - **05**
- * Monographs: **NIL**
- * Chapters in Books: **NIL**
- * Edited Books: **NIL**
- * Books with ISBN with details of publishers: **NIL**
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index–range/average:
Range: 2 to 39
Average: 20.5
- * SNIP
- * SJR
- * Impact Factor–range/average
Range: 1.9 to 3.9
Average: 2.9
- * h-index **03**

23. Details of patents and income generated: **NIL**

24. Areas of consultancy and income generated: **NIL**

25. Faculty selected nationally/ internationally to visit other laboratories/institutions /Industries in India and abroad: **NIL**

26. Faculty serving in

- a) National committees **01- Dr. Nidhi Dewangan, Life member, Indian Mathematical Society**
- b) International committees **NIL**
- c) Editorial Boards **NIL**
- d) any other (please specify) :
 - **Reviewer –**
 - i. Waves in Random & Complex Media**
 - ii. Ultrasonics**

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

| Name of Faculty | Name of Program | Name of ASC | Duration ⁹⁷ |
|--------------------|---------------------|--|--------------------------|
| Dr. Nidhi Dewangan | Orientation Program | Pt. Ravishankar Shukla University, Raipur (C.G.) | 26.08.2015 to 22.09.2015 |
| Dr. Nidhi | Special Summer | Pt. Ravishankar Shukla | 20.05.2016 |

| | | | |
|--------------------|--|---|-----------------------------|
| Dewangan | School | University, Raipur (C.G.) | to 09.06.2016 |
| Dr. Nidhi Dewangan | Refresher Course in Mathematics | Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) | 13.09.2021 to 25.09.2021 |
| Dr. Nidhi Dewangan | Refresher Course in Research Methodology | Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) | 22.08.2022 to 05.09.2022 |

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects: 100% (All students of B.Sc. 1st year have done project in environmental studies)

Percentage of students doing projects in collaboration with other universities /industry/institute: NIL

29. Awards/recognitions received at the national and international level by Faculty:

NIL

Doctoral/post-doctoral fellows: NIL

Students: NIL

30. Seminars/Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

| Name of Program | Date | Source of funding | Detail of Outstanding participants | No. of Participants |
|---|----------------------------------|---------------------------------|---|---------------------|
| National Seminar on "Modeling & Simulation (The World of Applied Mathematics)-2021" | 3 rd July 2021 | Janbhagidari Samiti | Dr. B. S. Thakur, SoS in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.) Dr. Sanjeev A. Sahu, IIT(ISM), Dhanbad, Jharkhand | 170 |
| Webinar on "Preparation strategy for CSIR-NET/JRF" | 18-20 April 2022 | - | Shri Omprakash Dewangan, Indira Gandhi Govt. College, Pandariya, Kabirdham | 108 |
| Two days workshop on "Topics on Mathematical Sciences for CSIR-NET/JRF Exam" | 14-15 th October 2022 | By registration of participants | Dr. Sanjeev A. Sahu, IIT(ISM), Dhanbad, Jharkhand Dr. Sonali Mondal, SRM University, Amaravati, Andhra Pradesh Dr. Kamlesh Pankaj, Govt. Polytechnic College, Kaimur, Bihar Dr. Manoj Kumar Singh, VIT | 105 |

| | | | | |
|--------------------------------------|--------------------------------|--------|---|-----------------------------------|
| | | | Chennai Dr. Manab Kundu, SRM University, Amaravati, Andhra Pradesh | |
| National Mathematics day Celebration | 27-28 th March 2023 | CGCOST | Dr. Sanotosh Verma, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) Dr. Rakesh Bhatia, Vedic Math Specialist, Board of School Education, Haryana Dr. Varsha Karanjaokar, Govt. NPG College of Science, Raipur (C.G.) Dr. H. K. Pathak, VC, Bharati University, Durg (C.G.) | 79 + 23 (Shivam Public School) |

31. Code of ethics for research followed by the departments: **The College has a structured research cell and it has a research policy. All the faculties are strictly bound to follow the policy.**

32. Student profile programme-wise:

| Name of the Programme (refer to question no.4) | Applications received | Selected | | Pass percentage | |
|---|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| B.Sc. I (2022-23) | 173 | 21 | 24 | 14 | 21 |
| B.Sc. I (2021-22) | 193 | 25 | 39 | 100 | 100 |
| B.Sc. I (2020-21) | 152 | 27 | 23 | 96 | 100 |
| B.Sc. I (2019-20) | | 33 | 28 | 52 | 64 |
| B.Sc. I (2018-19) | | 31 | 25 | 65 | 64 |
| M.Sc. I (2022-23) | 247 | 3 | 12 | 100 | 92 |
| M.Sc. I (2021-22) | | 6 | 6 | 100 | 100 |
| M.Sc. I (2020-21) | 168 | 3 | 9 | 100 | 100 |
| M.Sc. I (2019-20) | | 4 | 10 | 100 | 100 |
| M.Sc. I (2018-19) | | 6 | 9 | 67 | 100 |

33. Diversity of students

| Name of the Programme (refer to question no.4) | % of students From the Same university | % of students From other universities within the State | % of students from universities outside the State | % of students from Other countries |
|---|--|--|---|------------------------------------|
| M.Sc. (Mathematics) | 100 | 0 | 0 | 0 |
| UG | 100 | | | |
| | | | | |
| | | | | |

- All the students are from state board of secondary education at UG level.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

| Competitive exams | Name of students |
|----------------------|--|
| State Civil Services | Sanjay Baghel (2017 Pass out batch) |
| NET | Sanjay Baghel (2017 Pass out batch) |
| CG TET/ C TET | Sheetal Verma (2019 PG Pass out batch), Charu Verma (CG TET & CTET)(2018 UG pass out batch), Manisha Verma (CG TET & CTET)(2021 PG pass out batch), Shweta Verma (CG TET) (2020 UG pass out batch), Anjali Verma (CG TET & CTET) (2020 UG pass out batch), Satyawati Verma (CG TET & CTET) (2018 UG pass out batch), Hemlata Verma(CG TET & CTET), Devanand Verma (CG TET) (2023 pass out batch) |
| Others | |

35. Student progression

| Student Progression | Percent Against enrolled | | | | |
|------------------------------|--------------------------|---------------|---------------|---------------|---------------|
| | Y1 (18-19) | Y2 (19-20) | Y3 (20-21) | Y4 (21-22) | Y5 (22-23) |
| UG to PG | 63% | 41% | 25% | 39 | |
| PG to M. Phil | - | - | - | - | |
| PG to Ph. D | - | - | - | - | |
| Ph. D to Post - Doctoral | - | - | - | - | |
| Employed Campus Selection | - | - | - | - | |

| | | | | | |
|--------------------------------------|-----------|------------|------------|------------|--|
| Other than campus recruitment | | | | | |
| Entrepreneurs | - | - | 2% | - | |
| Others (B. Ed.) | 6% | 16% | 6% | 3% | |
| PGDCA | | 22% | 14% | 13% | |
| B. P. Ed. | | | | 1% | |

36. Diversity of staff

| | |
|--|-------|
| Percentage of faculty who are graduates | |
| Of the same university | 100 % |
| From other universities within the State | NIL |
| From universities from other States from | NIL |
| Universities outside the country | NIL |

37. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01 (Dr. Nidhi Dewangan)

38. Present details of departmental infrastructural facilities with regard to

- a) Library: Having Departmental Library for PG students with 213 books
776 Books in library for UG students
- b) Internet facilities for staff and students: yes available with Wi-Fi connection
- c) Total number of classrooms: 04
- d) Classrooms with ICT facility: 03
- e) Students' laboratories: 01 Computer Lab with 35 computers
- f) Research laboratories: NIL

39. List of doctoral, post-doctoral students and Research Associates : NIL

- a) From the host institution/university
- b) From other institutions/universities

40. Number of postgraduate students getting financial assistance from the university : NIL

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Ans: IQAC of the institute obtains feedback from the stakeholders every year, where in some of the feedback stakeholders suggested about to start the professional courses like PGDCA in the institute. On the basis of feedback and As per the recommendation of NAAC including opinion of principal, Institute submit a proposal to higher education to open PGDCA course under self financing scheme. From the session 2020-21 Institute successfully run this course till date.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Ans: The department individually do not follows a system of obtaining feedback from the stakeholders, however IQAC of the college has developed a system of obtaining feedback from the stakeholders every year.

43. List the distinguished alumni of the department(maximum 10)

- Sanjay Baghel
- Dolly Manikpuri
- Charu Verma
- Sheetal Verma
- Prateek Sahu
- Deeksha Sahu
- Mayank Sahu
- Manisha Verma
- Pramod Sahu
- Rama Manikpuri
- Satyavati Verma
- Rakhi Verma

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts.

| Programmes | Date | External Experts | Designation & affiliation of experts | Topic |
|---|------------|---------------------|---|------------------------------------|
| Lecture on “5 days Science Lecture series” during 23-27 Nov. 2020 | 26.11.2020 | Dr. Niyati Gurudwan | Assistant Prof., Govt. J. Y. Yoganandam CG College, Raipur (C.G.) | Basic Concepts related to Calculus |

| | | | | |
|--|------------|-------------------------|--|---|
| Invited talk on “National Mathematics Day-2020” | 22.12.2020 | Dr. Sanjeev A. Sahu | Assistant Prof., IIT(ISM) Dhanbad | Life & Works of Shrinivasa Ramanujan |
| Invited talk on “National Science Day” | 27.02.2021 | Dr. Sanjeev A. Sahu | Assistant Prof., IIT(ISM) Dhanbad | Integral Calculus |
| National Seminar on “Modeling & Simulation (The Applied World of Mathematics)(MS-2021” | 03.07.2021 | Dr. B. S. Thakur | Prof & Head, SoS in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.) | Mathematical Modeling of Infectious Disease and the Foundation of Public Health |
| | | Dr. Sanjeev A. Sahu | Associate Professor, IIT(ISM) Dhanbad, Jharkhand | Role of Differential Equations in interdisciplinary research |
| Lecture on “6 Days Lecture series” | 16.11.2021 | Dr. S. D. Diwan | Associate Prof, Govt. Engineering College, Raipur | Differential equations & its Applications |
| Lecture on “6 Days Lecture series” | 17.11.2021 | Dr. Manju Sharma | Assistant Prof, Pragati College, Raipur (C.G.) | Fundamentals of computer |
| Invited talk on National Mathematics Day-2021 | 22.12.2021 | Dr. Govind Prasad Sahu | Assistant Prof., CBS, Pt. Ravishankar Shukla University, Raipur (C.G.) | Mathematics Genius: Shrinivasa Ramanujan |
| Invited talk on National Science Day | 02.03.2022 | Dr. Varsha Karanjaokar | Assistant Prof., Govt. NPG College of Science, Raipur | Integrated Approach in Mathematics for a sustainable future |
| Webinar on “Preparation Strategy for CSIR-NET/JRF” | 18.04.2022 | Shri Omprakash Dewangan | Assistant Prof., Indira Gandhi Govt. College, Pandariya, Kabirdham | |
| Invited talk on VAC on Research methodology | 16.08.2022 | Dr. Sanjeev A. Sahu | Associate Prof., IIT(ISM), Dhanbad | Plagiarism |
| Invited talk on VAC on Research methodology | 19.08.2022 | Dr. K.N. V.V.V. Prasad | Assistant Prof., Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) | Data Collection |
| Invited talk on National Mathematics Day -2022 | 22.12.2022 | Dr. Govind Prasad Sahu | Assistant Prof., CBS, Pt. Ravishankar Shukla University, Raipur | 10 |

| | | | | |
|---|-------------------|-------------------------|---|---|
| Invited talk on National Mathematics Day Celebration-2022 | 27.03.2023 | Dr. Santosh Verma | Assistant Prof., Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) | Fractional Calculus |
| Invited talk on National Mathematics Day Celebration-2022 | 27.03.2023 | Dr. Rakesh Bhatia | Vedic Math Specialist, Board of School Education, Haryana | Vadic Mathematics |
| Invited talk on National Mathematics Day Celebration-2022 | 28.03.2023 | Dr. Varsha Karanjgaokar | Assistant Prof., Govt. NPG College of Science, Raipur | Application of Mathematics in Daily Life |
| Invited talk on National Mathematics Day Celebration-2022 | 28.03.2023 | Dr. H. K. Pathak | VC, Bharati University, Durg | |
| Two day Workshop on CSIR NET | 14- 15.10.2022 | Dr. Sanjeev A. Sahu | Associate Prof., IIT(ISM), Dhanbad | Strategic plan and guidance to qualify CSIR- NET/JRF exam |
| | | Dr. Sonali Mondal | Asst. Prof., SRM University, Amaravati, Andhra Pradesh | Topics and Examples of Partial differential equations for CSIR-NET/JRF exam |
| | | Dr. Kamlesh Pankaj | Asst. Prof., Govt. Polytechnic College, Kaimur, Bihar | Preparation Strategies to crack CSIR- NET/JRF Exam |
| | | Dr. Manoj Kumar Singh | Asst. Prof., VIT, Chennai | Topics and examples of Real Analysis for CSIR-NET/JRF exam |
| | | Dr. Manab Kundu | Asst. Prof., SRM University, Amaravati, Andhra Pradesh | How to prepare for CSIR- NET/JRF exam |

45. List the teaching methods adopted by the faculty for different programmes.

- Using chalk and talk
- Group discussion, Oral questions
- Assignments
- Class test, Internal Assessments

- Through Power point Presentation
- Video lectures, NPTEL Lectures
- E- contents
- Class Seminar presented by students
- Outreach programs
- Departmental quiz competitions and Model exhibition
- Laboratory sessions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

47. Highlight the participation of students and faculty in extension activities.

Students and faculty of our department are actively participated in extension activities:

- Department has organized Energy Conservation week Cum National Mathematics Day-2021 during 20th- 22nd December 2021. On this occasion the students of Higher secondary school, Mandhar and Govt. Higher secondary school, Parastarai were invited to visit the science models exhibitions made by the students. Also an invited talk was delivered by Dr. Govind Prasad Sahu, Pt. RSU, Raipur on “Life and works of Shrinivasa Ramanujan”.
- On the occasion of National mathematics Day-2022 two days program has been organized by the department during 21st - 22nd December 2022. On this day faculty & students visited the Swami Atmanand English medium school, Koonra & Dr. Nidhi Dewangan, Head of Department has delivered a lecture to the students of higher secondary. Also activity by the students was organized; where students of UG and PG were made some mathematical models for the students of Atmanand School and they explained them how mathematics is learn in easy way.
- During 27-28th March 2023, department has organized National Mathematics Day Celebration Sponsored & catalyzed by CGCOST, Where another outreach program has done in Shivam Public School, where Quiz Competition was organized for high school students and all the students and faculty members successively conducted this event.

48. Give details of “beyond syllabus scholarly activities” of the department.

| Programmes | Date | External Experts | Designation & affiliation of experts | Topic |
|--|------------|---------------------------|--|---|
| National Seminar on “Modeling & Simulation (The Applied World of Mathematics)(MS-2021” | 03.07.2021 | Dr. B. S. Thakur | Prof & Head, SoS in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.) | Mathematical Modeling of Infectious Disease and the Foundation of Public Health |
| | | Dr. Sanjeev A. Sahu | Associate Professor, IIT(ISM) Dhanbad, Jharkhand | Role of Differential Equations in interdisciplinary research |
| Value Added Course on “Computer Software Development Skill” | 20.09.2021 | Prof. Vishwanath Tamrakar | Asst. Prof. & Head, Sant Guru Ghasidas Govt. P.G. College, Kurud, Dhamtari (C.G.) | Computer Networking |
| | 21.09.2021 | Mrs. Yogeshwary Pal | Asst. Prof. & Head, Govt. Nagarjuna P.G. College of Science, Raipur (C.G.) | SQL & PL/SQL |
| | 22.09.2021 | Mr. Mahendra Kumar | Assistant Engineer, MIS, IT Department, CSPGCL, Raipur (C.G.) | Software Development Life Cycle (SDLC) |
| | 22.09.2021 | Mrs Kiran Dubey | Asst. Prof. & Head, Department of Computer Science, Govt. Nagarjuna P.G. College of Science, Raipur (C.G.) | Database Management system (DBMS) |

| | | | | |
|---|------------|--------------------------|---|--|
| | 24.09.2021 | Mr. Karunakar Batta | Digital Entrepreneur, Founder of Infano care-A Digital Platform for Women Health, Bangore | Advanced Technology: Basic Understanding |
| | 29.09.2021 | Dr. Ambarish Kumar Patel | Asst. Prof. & Head, Department of Computer Science, Kruti School of Business Management, Raipur | |
| Invited talk on VAC on Research methodology | 16.08.2022 | Dr. Sanjeev A. Sahu | Associate Prof., IIT(ISM), Dhanbad | Plagiarism |
| Invited talk on VAC on Research methodology | 19.08.2022 | Dr. K.N. V.V.V. Prasad | Assistant Prof., Guru Ghasidas Vishwavidyalya (A Central University), Bilaspur (C.G.) | Data Collection |
| Invited talk on National Mathematics Day Celebration-2022 | 27.03.2023 | Dr. Santosh Verma | Assistant Prof., Guru Ghasidas Vishwavidyalya (A Central University), Bilaspur (C.G.) | Fractional Calculus |
| Invited talk on National Mathematics Day Celebration-2022 | 27.03.2023 | Dr. Rakesh Bhatia | Vedic Math Specialist, Board of School Education, Haryana | Vadic Mathematics |
| Invited talk on National Mathematics Day Celebration-2022 | 28.03.2023 | Dr. Varsha Karanjaokar | Assistant Prof., Govt. NPG College of Science, Raipur | Application of Mathematics ¹⁰ in Daily Life |

| | | | | |
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| Invited talk on National Mathematics Day Celebration-2022 | 28.03.2023 | Dr. H. K. Pathak | VC, Bharati University, Durg | |
| Two day Workshop on CSIR NET | 14-15.10.2022 | Dr. Sanjeev A. Sahu | Associate Prof., IIT(ISM), Dhanbad | Strategic plan and guidance to qualify CSIR-NET/JRF exam |
| | | Dr. Sonali Mondal | Asst. Prof., SRM University, Amaravati, Andhra Pradesh | Topics and Examples of Partial differential equations for CSIR-NET/JRF exam |
| | | Dr. Kamlesh Pankaj | Asst. Prof., Govt. Polytechnic College, Kaimur, Bihar | Preparation Strategies to crack CSIR-NET/JRF Exam |
| | | Dr. Manoj Kumar Singh | Asst. Prof., VIT, Chennai | Topics and examples of Real Analysis for CSIR-NET/JRF exam |
| | | Dr. Manab Kundu | Asst. Prof., SRM University, Amaravati, Andhra Pradesh | How to prepare for CSIR-NET/JRF exam |

49. State whether the programme/department is accredited /graded by other agencies? If yes, give details. NO
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Dr. Nidhi Dewangan is working on “Propagation of Seismic wave in Anisotropic Media”, which is the part of Applied Mathematics as research supervisor. For the students of PG classes Programming in C and Fundamentals of Computer Science and Operating system and Database management system are selected to in elective papers to enhance the technical skill in students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Dedicated and qualified teachers.
- Involvement of students in all the academic activities.
- Disciplined and conducive learning environment.
- Hardworking students.
- Desktop with wi-fi facility and Printer.

Weakness

- Insufficient teaching & non-teaching staff.
- Lack of English knowledge in students.
- Students belong to economically weaker background.
- Lack of space for laboratory and classroom sessions.
- Less ICT facilities.
- Numbers of Reference/text books with different titles are very less in library.

Opportunities

- To organize state/National level programs like seminar/workshop/conferences.
- To sign MOU's with PG colleges for Academic activities.
- To prospects for research collaboration.
- To Organize Value added courses and Faculty Development Programs.
- Research Activities.

Challenges

- Encourage under-graduates to think multi-dimensionally.
- Develop research facility.
- To enrich lab facility.
- Progression of students from UG to PG and PG to higher studies due to weak economic background.
- To sanctioned post for teaching and non-teaching staff.

52. Future plans of the department.

- To give a proposal to the university to establish research center at our department of Institute.
- To organize National & International Seminar/ workshops /conferences in different areas funded by different National funding agencies.
- To sign MOU's for Research and faculty exchange.
- To submit Minor research proposal.
- To Conduct Value added course on "Vedic Mathematics".
- To establish media centre to record lectures.
- To use latest technology in teaching-Learning and evaluation.

