Certificate of Registration

ISO 14001:2015

This is to Certify that
Environmental Management System of

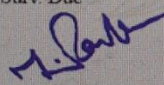## GURU GHASIDAS VISHWAVIDYALAYA
(A CENTRAL UNIVERSITY)

KONI, BILASPUR- 495009 (C.G.) INDIA.

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

TO BUILD AN ECOSYSTEM FOR PROVIDING EDUCATIONAL SERVICES FROM DIPLOMA TO
DOCTORATE STUDIES IN THE SCHOOL OF STUDIES OF ARTS, EDUCATION, ENGINEERING AND
TECHNOLOGY, INTERDISCIPLINARY EDUCATION AND RESEARCH, LAW, LIFE SCIENCES,
MANAGEMENT AND COMMERCE, MATHEMATICAL AND COMPUTATIONAL SCIENCE, NATURAL
RESOURCES, PHYSICAL SCIENCE, SOCIAL SCIENCE AS WELL AS TRAINING, EXTENSION
SERVICES, OUTREACH, RESEARCH & DEVELOPMENT,
STUDENT SUPPORT SERVICES.

IAF CODE : 37

Certificate No	: **22IELO63**		
Initial Registration Date	: 01/12/2022	Issuance Date	: 01/12/2022
Date of Expiry	: 30/11/2025		
1st Surv. Due	: 01/11/2023	2nd Surv. Due	: 01/11/2024

Director

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MSCB-119

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CERTIFICATE

This is to Certify that

Quality Management System

of

**GURU GHASIDAS VISHWAVIDYALAYA
(A CENTRAL UNIVERSITY)**

KONI, BILASPUR- 495009 (C.G.) INDIA

has been independently assessed by DBS
and is compliant with the requirement of:

ISO 9001:2015

For the following scope of activities:

TO BUILD AN ECOSYSTEM FOR PROVIDING EDUCATIONAL SERVICES FROM DIPLOMA TO DOCTORATE STUDIES IN THE SCHOOL OF ARTS, EDUCATION, ENGINEERING AND TECHNOLOGY, INTERDISCIPLINARY EDUCATION AND RESEARCH, LAW, LIFE SCIENCES, MANAGEMENT AND COMMERCE, MATHEMATICAL AND COMPUTATIONAL SCIENCE, NATURAL RESOURCES, PHYSICAL SCIENCE, SOCIAL SCIENCE AS WELL AS TRAINING, EXTENSION SERVICES, OUTREACH, RESEARCH & DEVELOPMENT, STUDENT SUPPORT SERVICES.

Certificate Number: Q-205022032201

Date of Certification:	22nd March 2022
1st Surveillance Audit Due:	21st March 2023
2nd Surveillance Audit Due:	21st March 2024
Certificate Expiry:	21st March 2025

This Certificate is property of DBS Certifications and remains valid subject to satisfactory surveillance audits

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Director
internal Quality Assurance Cell
Guru Ghasidas Vishwavidyalaya
Koni, Bilaspur (C.G.) 495009

AWARENESS WORKSHOP

On

NAAC Accreditation Process for Universities and Colleges

Organised by

Internal Quality Assurance cell (IQAC), Guru Ghasidas Vishwavidyalaya, Bilaspur

In collaboration with

Department of Higher Education, Government of Chhattisgarh

(September 15-16, 2022)

Day 1

Inauguration:

The programme for the day started with various dignitaries present on and off the dais andthe felicitation of the respected guests with plant saplings. The programme, therefore, saw the lighting of the lamp by dignitaries and the subsequent chanting of *SaraswatiVandana* and the singing of University K*ulgeet*. The coordinator for the programme, Prof. A. S. Randive, Director of IQAC, GGV introduced the guest for this two days workshop and briefly talked about the importance of such a workshop with the presence of institutional heads of several colleges and universities across the state. He particularly focused on the quality measurement of colleges and universities in Chhattisgarh and the process of NAAC accreditation to fulfil the goal and mission of NEP 2020. Among the dignitaries present were Prof. G. A. Ghanshyam, OSD, Directorate of Higher Education, DrNavpreet Kaur, co-founder of the NGO Laxmi foundation, DrShyam Singh Inda, assistant advisor at NAAC Bangalore, and Prof. Nilambari Dave, former Vice-Chancellor, Saurashtra University.

Prof. Ghanshyam, former registrar of GGV and a representative from Higher Education Chhattisgarh opened on a fruitful note that the numbers are increasing with colleges in Chhattisgarh in view of NAAC accreditation and more and more are enthusiastic to join in. He reminded us of the govt initiative "Garbo Nava Chhattisgarh" and the accreditation process to strengthen the higher education scenario in the state. His particular focus was on NAAC Criteria 2 (teaching-learning-evaluation) and Criteria 5 (student support and programme) where he valued the quality matrix of the education system to take the best out of NAAC points. Next to him is DrNavpreet Kaur from the NGO Laxmi Foundation who focused on the quality education being valued by NAAC and the urgent call time to make it moral and humanitarian. Dr Shyam Singh Inda from NAAC Bangalore stressed the timely documentation practice to be followed by institutions commendably. He cautioned that there is no such absolute definition of quality in

view of the NAAC accreditation process and we must overcome the fear of the ground application of such. He rebuffed the idea of a NAAC consultant and questioned the role of such creation offered by several private farms for the benefit of educational institutions. He stresses that such an idea is not only dubiousbut risks the quality of judgement by the institution itself. He also talked at length about the limitations, confusion and misleading information surrounding the NAAC accreditation process and mostly sought to overcome such negativities. Prof. Nilambari Dave, on the other hand, talked about her experience serving several institutions and suggested that there should be different quality matrixes for both rural and urban institutions. She opined that NAAC accreditation has resulted in the rapid activity of self-assessment for a concerned institution. The final panellist Prof. Amit Saxena, present on behalf of Vice Chancellor GGV, reminded NAAC valuation of infrastructure and development for an educational institution. He also mentioned the GGV undertaking of "Swavalambi Chhattisgarh", which is an initiative to make students self-sufficient while they provide for their economic expenditure during the study. Prof. Shailendra Kumar, Registrar GGV, thanked all the participants announcing the formal closing of the inaugural session of the workshop.

Second Session

The session started with the talk of Prof. Dave on the topic "An Overview of NAAC accreditation" in which she elaborated on NAAC guidelines. She mentioned each of the seven criteria for NAAC accreditation coming from curriculum approach, teaching-learning evaluation, research innovation and extension, infrastructure and learning resources, student support and programme, governance, leadership and management and institutional values and best practices and elaborated on them. Her tactic was mainly a practical guide to fill, think and access data and help access the theoretical dimensions of NAAC guidelines to be elucidated in a practical manner. In her interactive approach to the lecture, she advised the college representatives mainly to focus on their executive summary of the institution that covers both curriculum summary along with its strength and weakness. On a second note, she deliberated on the institutional preparation for NEP in which she mentioned Academic Bank Credit and Skill Development (for job perspectives). She further talked about appropriate integration of the Indian knowledge system in which Indian language, culture, indigenous practices and tribal cultures are focused in online courses. Her motivation was mainly through outcome-based education and a regenerative focus on online education through blended mode. In NAAC criteria 2, she mentioned qualitative and quantitative matrixes and with that a need for curriculum enrichment and student-teacher ratio.

The second speaker for this session Prof. Ghanshyam talked on the topic "IQAC – Perspectives and Realisations" in which he mentioned the importance of IQAC and the need for institutional it. His talk was mainly focused on the structure of colleges where IQAC comes just after the principal and before HODs and committees. An efficient IQAC is what is needed of an institution that will work as a recommendatory body, he opined. Further, he strengthened the point of quality leadership and participatory management that comprises the task group. Among several functions of IQAC, he mentioned quite a few coming from acting as a quality benchmark and parameter of activities to adopting technology that enables learner centrism and maturities of the faculty members. Covering the aspect of feedback management to the dissemination of activities organizing inter and intra-workshop programme among colleges, the IQAC help the

documentation process by acting as a nodal agency maintaining the institutional database and performing the academic and administrative audit. On the other hand, Prof. Ghanshyam maps the initiatives taken by the IQAC that covers the preparation of the annual calendar, conducting energy and green audit, analysing feedback, running job-oriented and value-added courses, conducting skill-developing programme, capacity-building programme and finally focusing on ICT and research.

An interactive discussion was held between DrInder Singh Inda, the Deans of all the Schools, Heads of the Departments, and the IQAC Team at 2.00 p.m. on 15 September 2022 in the Conference Hall of Administrative Building.

During the interaction, discussions centered on various aspects of NAAC accreditation such as data and documentation of data related to extension activities, publications and patents, student satisfaction data, awards and recognitions, sports and cultural activities, collaborative activities, MoUs, employability, funds provided and funding, etc. Professor P.K. Bajpai, Prof. Mukesh Singh, Prof. ManishaDubey, DrGauriTripathi, Dr Vivekananda Mandal, DrMohle, Dr Amit Khaskalam, Prof. LV.S. Bhaskar, and other NAAC Criteria Coordinators and members of the IQAC team. Dr Inda satisfied the queries and gave clarifications. In his observations he gave solutions and practical suggestions during the discussions. He advised that after emails and phone numbers of students have been collected and verified and SSR submitted, students must be told to keep checking their email and phones for any communication or verification message from NAAC. Dr Inda talked in particular of the Extended Profile of SSR and referred to it as "the bloodline of SSR".

Third Session:

The first lecture of the post-lunch session started with Prof. S. N. Nirala, Principal, Govt. Naveen College, Sakri, Bilaspur talked about resource management in a tribal area where students and teachers make maximum use of their resources. He also focused on the need for documentation process as a primary need of NAAC to be ready for accreditation. He invested his thoughts on sustainable development and rainwater harvesting as a part of resource management design for individual institutions. His experience in a NAAC A accredited college came up with the participation of all the teaching faculties in problem-solving, thus, inculcating a positive environment inside the institution.

In the second lecture by Dr Shyam Singh Inda on the topic "Data Validation and Verification" in which he focused on the correct entry date in time and practised preparing such data much beforehand. He cautioned that data given by institutions is always cross-checked by NAAC and if discrepancies are found that same institution was then summarily blacklisted. So the institution must refrain from data furnishing and focus on correct and object to the entry of data. He also talked at length about detailed information on NAAC criteria and peer team demands.

Day 2

First Session:

The second day of the workshop started with a lecture by Dr Amitabh Banerjee, Principal, Govt. J Y Chhattisgarh College, Raipur and his topic of discussion were "Procedures and Precautions during NAAC Peer Team visit". His careful guidance acting like a peer himself focused on five things in particular. Keeping ready with important documents during the visit to the do's and don'ts of essentials of department visit, he stated in a lucid way. Next, he precautioned about some handy things covering infrastructure, sanitation, drinking water and the tidy campus to be followed from time to time. He advised the participants to be prepared following the NAAccriteria and in the final instance necessitates the presentation to be made by both the principal and the IQAC to be effective and data-oriented.

The next lecture was delivered by Prof. R. P Dubey, Vice Chancellor, Dr C. V. Raman University on the topic "Innovation and Incubation in Higher Educational Institutes" in which he mentioned the seven NAAC criteria and took time to elaborate on innovative practices being followed by the higher institutions. His measure of the mindset of teacher-student interaction could only be appropriated best by inducting technology-based education. He emphasised the optimum utilization of the things available and present in the institution. Alongside he took interest in dictating the process and importance of Vedic learning and the morals of Upanishad to make it readily available to the students which are best for their moral value. Prof. Dubey's talk also covered the enhancement of employability skills and the extension of innovation through multidisciplinary research and the promotion of incubation centres. The centres are the repository of motivation for students while inculcating innovative ideas to grow to best utilize social media to make it a tool for entrepreneurship.

Second Session:

In the first lecture of the second session of the second day, Prof Ghanshyam talked about how systematic writing and managing of documents can be helpful to present before the NAAC committee especially when NAAC is prioritizing NEP 2020 to be implemented by the institutions. His focus especially on the second and fifth criteria of NAAC and the weightage they bear acts as the soul of SSR. He mentioned the concept of CBCS and mostly talked on length in merging and removal along with comparing and changes between January 2022 and December 2019 NAAC manual. He discussed the difference between MOU linkage and collaboration and how the implementation of these three things can be fruitful for the development of the institution. He advised the participants to focus on academy-oriented performance and maintain the ambience of the institute properly. His focus also lies on the mentor-mentee programme among students and teachers and the teacher must identify the slow and advanced learners. At the end of his talk, he emphasised creating no plastic zone and an eco-friendly environment with educational institutions.

The second lecture by Prof. P. K Bajpayee, convenor of the workshop, talked about a successful education where the institute works devotedly beyond its recommended duty hours.

He pointed to maximizing the potential of the learners by the teachers to make the students accountable to society through a proper moral and humanitarian education system. Through this, learning and innovation can be converted into valuable outcomes. For academic development, the students and teachers had to bridge the gap in pedagogy. He also stressed the documentation process to be done quality and quantity index.

Third Session:

The final session of the day and also of the workshop happened in a discussion among the panellists and the participants. This was mainly a question-answer session in which the persons presiding were Dr Inda, Prof. Ghanshyam, Dr Kaur and Prof. Nirala. Different issue-basedclarifications were done by the panellist, whereas the participants came up with their problems and prospects serving either as principal or IQAC coordinators in their respective institutions. Where Dr Inda clarified the judgements done by NAAC and Prof Ghanshyam on the importance of IQAC, both Dr Kaur and Prof. Nirala opined on their experience with quality measurement in the higher education system. At the end of the programme, a valedictory function was there and the workshop ended with the distribution of certificates to the participants.
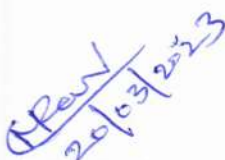
Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

❖ Name of the Department: Pure and Applied Physics

❖ Name of the School of Studies: School of Physical Sciences

❖ Year of Establishment of Department: 1995

❖ No. of students in the Department: 204

❖ No. of Faculty in the Department: 18 (Regular) and 06 (Ad-hoc)

❖ No. of Non-Teaching Faculty in the Department: 06

❖ Courses offered by the Department: UG, PG & PhD.

❖ Infrastructure/Laboratory Status: Yes

❖ Any Patent Granted by the faculty/Department: 01

❖ Strength of the Department: Projects from different funding agencies; Highly qualified faculty; 3MV High current pelletron accelerator facility.

❖ Weakness to be addressed: Lack no. of research scholars; computer lab and lab technicians.

❖ Members (Internal committee)

(Prof. Praveen K. Mishra)   (Prof. Sanmati K. Jain)   (Prof. S K Sao)

Guru Ghasidas Vishwavidyalaya

❖ Name of the Department: Department of Botany

❖ Name of the School of Studies: School of Life Sciences

❖ Year of Establishment of Department: 2009

❖ No. of students in the Department: 329

❖ No. of Faculty in the Department: 15

❖ No. of Non-Teaching Faculty in the Department: 04

❖ Courses offered by the Department: - UG, PG and Ph. D.- Botany

❖ Infrastructure/Laboratory Status: Yes available – UG and PG Lab

❖ Any Patent Granted by the faculty/Department: - .——

❖ Strength of the Department:

1. Diversity in specialization of Teachers
2. Completed and ongoing Research Projects of more than rs. 100 Lakh.
3. Quality Research Publications and Books of the Teachers
4. Student centric curriculum with elective papers

❖ Weakness to be addressed:
1. A separate building for the Department is not available but is under process. Inadequate space
❖ Members (Internal committee)

(Prof. Amit Saxena)   (Prof. M. C. Rao)   (Prof. Sanjit Sardar)

(Prof. Sanjit Sardar)

Guru Ghasidas Vishwavidyalaya

<u>ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23</u>

- ❖ Name of the Department: Zoology

- ❖ Name of the School of Studies: Life Sciences

- ❖ Year of Establishment of Department: 2009

- ❖ No. of students in the Department: 325

- ❖ No. of Faculty in the Department: 11

- ❖ No. of Non-Teaching Faculty in the Department: 03

- ❖ Courses offered by the Department: UG, PG, PhD

- ❖ Infrastructure/Laboratory Status: UG Lab =1, PG Lab = 1, Classrooms = 2 + 2 ICT, Dept Library

- ❖ Any Patent Granted by the faculty/Department: 02 Published, 03 Filed

- ❖ Strength of the Department: Dedicated teachers from the diverse specializations

- ❖ Weakness to be addressed: 1) Limited laboratory space, space 2) Old and non- functional instruments without AMC

- ❖ Members (Internal committee)

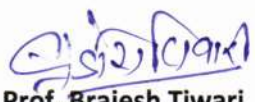(Prof. Amit Saxena)   (Prof.M.C.Rao)   (Prof. Sanjit Sardar)

Guru GhasidasVishwavidyalaya

❖ Name of the Department: DEPARTMENT OF LAW

❖ Name of the School of Studies: SCHOOL OF STUDIES LAW

❖ Year of Establishment ofDepartment: 2012

❖ No. of students in the Department: B.Com LL.B. –303
B.A. LL.B. – 311
LL.M.- 05
Ph.D. - 03
Total- 622

❖ No. of Faculty in the Department: 15

❖ No. of Non-Teaching Faculty in the Department: 5

❖ Courses offered by the Department: 1. B.COM LL.B.
2. B.A. LL.B.
3. LL.M.
4. Ph.D.

❖ Infrastructure/Laboratory Status: Satisfactory updated but needs more faculties

❖ Any Patent Granted by the faculty/Department: NIL

❖ Strength of the Department: Leadership quality in students
Qualified, motivated and devoted faculties from different cultures and areas,
Attitude of serving to the society,
Students qualifying for different Govt. posts/exams such as: Civil Judge, ADPPO, UGC-NET.

❖ Weakness to be addressed: Lack of ICT level classroom,
Need more Faculties,
Need Modernization of Moot Court Room,
Requirement of Modernization of Computer Room.

❖ Members (Internal committee):

Prof. Pratibha J. Mishra   22/3/23.
Coordinator

Prof. Brajesh Tiwari
Member

Prof. K.P. Namdeo
Member

GURU GHASIDAS VISHWAVIDYALAYA

ACADEMIC & ADMINISTRATIVE AUDIT (INTERNAL) REPORT FOR YEAR 2022-23

- ❖ Name of the Department: Department of Pharmacy

- ❖ Name of the School of Studies: School of Natural Resources

- ❖ Year of Establishment of Department: 1997

- ❖ No. of students in the Department: 542

- ❖ No. of Faculty in the Department: 25

- ❖ No. of Non-Teaching staff in the Department: 12

- ❖ Courses offered by the Department: D. Pharm.; B. Pharm.; M. Pharm. in Pharmaceutics, Pharmaceutical Chemistry, Pharmacology & Pharmacognosy; Ph.D.

- ❖ Infrastructure/Laboratory Status: Yes

- ❖ Any Patent Granted by the faculty/Department: Yes

- ❖ Strength of the Department: Well qualified faculties with diverse specializations; good placement of students in industries, marketing, R & D, hospitals, academics, drug regulatory bodies; NIRF Ranking 43rd in 2022.

- ❖ Weakness to be addressed: Non availability of sufficient technical and office staff, power backup

- ❖ Members (Internal Committee):

Prof. Manisha Dubey   **Prof. M. N. Tripathi**   **Prof. Chittaranjan Nayak**

Coordinator   Member   Member

Guru Ghasidas Vishwavidyalaya

❖ Name of the Department: **ELECTRONICS & COMMUNICATION ENGINEERING**

❖ Name of the School of Studies: **SCHOOL OF STUDIES OF ENGINEERING & TECHNOLOGY**

❖ Year of Establishment of Department: **1998**

❖ No. of students in the Department: **268**

❖ No. of Faculty in the Department: **17 (Regular)**

❖ No. of Non-Teaching Faculty in the Department: **4**

❖ Courses offered by the Department: **B.Tech, M.Tech, PhD**

❖ Infrastructure/Laboratory Status:

❖ Any Patent Granted by the faculty/Department: **Nil**

❖ Strength of the Department:
i) The Dept. & offering B.Tech, M.Tech and Ph.D. courses
ii) The faculty members are of multidisciplinary skill and talent.
iii) Students' achievements and placements are good.

❖ Weakness to be addressed:
i) Number of patents should be more
ii) Number of research papers in SCI and scopus journals should be increased
iii) No of projects (funded by external funding agencies) should be more
iv) On At least one research laboratory should be established.

❖ Committee Members for AAA (Internal)
  1. Prof. G.K Patra (Co-ordinator)
  2. Prof H. S. Tiwari(Member)
  3. Prof. K. K. Chandra(Member)

Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT REPORT FOR YEAR: 2021- 22

❖ Name of Department: Computer Science and Engineering

❖ Name of School of Studies: Engineering and Technology

❖ Year of Establishment of Department: 1997

❖ No. of Students in the Department: 277

❖ No. of Faculty in Department: 17

❖ No. of Non Teaching in the Department: 04

❖ Courses offered by the Department: B.Tech, M.Tech and Ph.D

❖ Infrastructure/ Laboratory Status:

❖ Any Patent Granted by the faculty/Department : 07

❖ Strength of the Department:

(i) Department is having good number of patents
(ii) Students are capable for creating different apps and softwares
(iii) Percentage of Students' placement is high

❖ Weakness to be addressed:

(i) To develop a good research laboratory
(ii) Number of papers and Ph.D. students should be more
(iii) Interdisciplinary research collaboration should be strengthened.
(iv) Foreign students should be inducted.

Members (Internal Committee)

Prof. G.K.Patra
(Coordinator)

Prof. H.S.Tiwari
(Member)

Prof. K.K.Chandra
(Member)

Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

- ❖ Name of the Department: Information Technology

- ❖ Name of the School of Studies: Engineering and Technology

- ❖ Year of Establishment of Department: 2000

- ❖ No. of students in the Department: 266

- ❖ No. of Faculty in the Department: 13

- ❖ No. of Non-Teaching Faculty in the Department: 03

- ❖ Courses offered by the Department: B. Tech, M. Tech, Ph.D.

- ❖ Infrastructure/Laboratory Status:

- ❖ Any Patent Granted by the faculty/Department: 13

- ❖ Strength of the Department:
i) The Dept. is offering B.Tech, M.Tech and Ph.D. programs
ii) Talented Students with high potential for creating different apps and softwares.
iii) Department is having thirteen published patents in one year.
iv) Percentage of Students' placement is very high.

- ❖ Weakness to be addressed:
i) No. of research papers should be increased
ii) Research infrastructure with a seperate bldg. should be developed
iii) Interdisciplinary research collaboration should be strengthened.
iv) Number of Ph.D. Students should be increased.

- ❖ Members (Internal committee)

Prof. G.K. Patra
(Co-coordinator)

Prof. H.S. Tiwari
(Member)

Prof. K.K. Chandra
(Member)

Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

❖ Name of the Department: Chemical Engineering

❖ Name of the School of Studies: School of Studies of Engineering and Technology

❖ Year of Establishment of Department: 1997

❖ No. of students in the Department: 201

❖ No. of Faculty in the Department: 11

❖ No. of Non-Teaching Faculty in the Department: 03

❖ Courses offered by the Department: B.Tech, M.Tech, PhD

❖ Infrastructure/Laboratory Status: 04

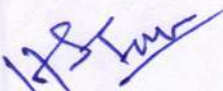❖ Any Patent Granted by the faculty/Department: 02

❖ Strength of the Department:
i) The Dept- or is offering B.Tech, M.Tech and Ph.D. courses
ii) The faculty members are of multidisciplinary talents and skills
iii) The Dept. is having one Research Laboratory with major equipment
iv) Students' placement is very good

❖ Weakness to be addressed:
i) More number of research papers should be published in SCI and Scopus journals.
ii) Multidisciplinary research proposals should be submitted to different funding agencies
iii) No. of Foreign Students should be admitted in the Department.
iv) More number of MoUs be signed with the MoUs.
v) More number of patents should be filed from the Department.

❖ Members (Internal committee):

Professor G. K. Patra
(Department of Chemistry)

Professor H. S. Tiwari
(Department of Physics)

Professor K. K. Chandra
(Department of Forestry)

Guru Ghasidas Vishwavidyalaya

❖ Name of the Department   : Physical Education Department

❖ Name of the School of Studies   : School of Studies of Education

❖ Year of Establishment of Department   : 1985

❖ No. of students in the Department   : 214

❖ No. of Faculty in the Department   : 10 + 1

❖ No. of Non-Teaching Faculty in the Department: 2

❖ Courses offered by the Department   : B.P.Ed; M.P.Ed and PhD

❖ Infrastructure/Laboratory Status:

- The department is equipped with a Library with 1385 books.
- Computers with Internet facility is provided for the staff and the 4 class rooms are provided on a sharing basis in which one class room is equipped with the ICT facility
- Apart from the playgrounds and a gym, students are provided with a laboratory and a research laboratory.

❖ Any Patent Granted by the faculty/Department: Nil

❖ Strength of the Department:

- The faculty with multi-disciplinary talents and skills
- Six weeks Value added Yoga Course with a certificate
- Talented students with high potential who secured National level positions.

❖ Weakness to be addressed:

- Separate building for the Department with Indore Games facility
- Swimming Pool, Extra Gym, Athletic tracks shall be generated
- Separate Boys and Girls changing room with rest room facilities

❖ Members (Internal committee)

Prof. Charu Arora
(Coordinator)

Prof. P.P. Murthy
(Member)

Prof. S.P. Anbuudayashankar
(Member)

03/03/2023

Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

❖ Name of the Department:**Biotechnology**

❖ Name of the School of Studies:**Interdisciplinary Education and Research**

❖ Year of Establishment ofDepartment:**1996**

❖ No. of students in the Department:311

❖ No. of Faculty in the Department:**09 + 05 (Permanent + Adhoc)**

❖ No. of Non-Teaching Faculty in the Department:**06**

❖ Courses offered by the Department:**B.Sc. Biotechnology, M.Sc. Biotechnology, Ph.DBiotechnology, M.Sc. Microbiology**

❖ Infrastructure/Laboratory Status:

- Total number of class rooms: 04
- Class rooms with ICT facility: 02
- Students' laboratory: 04
- Research laboratories: 03
- Any other facility LCDs etc.: 3

❖ Any Patent Granted by the faculty/Department:**Nil**

❖ Strength of the Department:

- State of art infrastructure for students
- Vibrant academic environment for multidisciplinary skill based learning
- Active collaborations for teaching, learning and research
- Experienced faculty members with expertise in diverse and advanced area of Biotechnology

❖ Weakness to be addressed: Air connectivity and maintenance

❖ Members (Internal committee)

Prof. AnupamaSaxena   Coordinator - 3/3/23
Prof. ChandrashekharVazalwar   Member 05/03/23
Prof. Ratnesh Singh   Member 03/03/2023

Guru Ghasidas Vishwavidyalaya

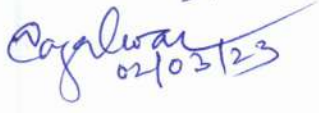ACADEMIC & ADMINISTRATIVE AUDIT (INTERNAL) REPORT FOR YEAR: 2022- 23

- ❖ Name of the Department: Forensic Science

- ❖ Name of the School of Studies: SoS IER (School of Studies of Interdisciplinary Education and Research)

- ❖ Year of Establishment of Department: 2012

- ❖ No. of students in the Department: 180

- ❖ No. of Faculty in the Department: 8 (04 Regular and 04 Ad-hoc)

- ❖ No. of Non-Teaching Faculty in the Department: 02

- ❖ Courses offered by the Department: UG, PG and Ph.D.

- ❖ Infrastructure/Laboratory Status: One Laboratory, Two Classroom, One Faculty Room, one office and Ph.D. sitting room

- ❖ Any Patent Granted by the faculty/Department: Nil

- ❖ Strength of the Department: We are having 4 regular and 4 ad-hoc faculty right now, they all are research oriented and dedicated to contributing towards the growth and development of students as well as the department.

- ❖ Weakness to be addressed: Due to the lack of infrastructure department is facing major problems in running the regular classes, practical's, and research work of PhD students.
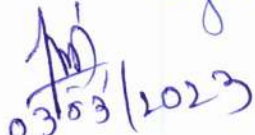
- ❖ Members (Internal committee)

  Prof. Anupama Saxena

  Prof. Chandra Shekhar Vazalwar

  Prof. Ratnesh Singh

Guru GhasidasVishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2021- 22

- ✓ Name of the Department: Computer and Information Technology(CSIT)

- ✓ Name of the School of Studies: Mathematical and Computational Sciences

- ✓ Year of Establishment of Department: 1990

- ✓ No. of students in the Department: 184

- ✓ No. of Faculty in the Department: 12

- ✓ No. of Non-Teaching Faculty in the Department: 04

- ✓ Courses offered by the Department: UG, PG and PhD

- ✓ Infrastructure/Laboratory Status:03 classrooms and 01 smart classroom, two laboratory and one research lab.

- ✓ Any Patent Granted by the faculty/Department: 13

- ❖ Strength of the Department:

  1. Good number of candidates appeared to join the courses offered by our department.
  2. Qualified faculty with diversified fields of specializations that enables us to offer courses in emerging areas and also multidisciplinary courses.
  3. The department has 13 granted patents during the session.
  4. The faculty members have published their research papers in high quality journals.
  5. The department has signed MOU with UTA, Malayasia for collaborative research.
  6. The faculty has much International and National Exposure this benefits the students to achieve global standards in academics.
  7. The department has an active alumni network and that helps students in career counseling, internships and placements.
  8. Active participation of all faculty members in enriching and encouraging the students for the theoretical as well as empirical aspects of the curricula.

- ❖ Weakness to be addressed:
  Placement is an issue as Bilaspur city has very less number of IT companies. We are lacking in terms of Laboratory, Internet connectivity, advanced computing facilities.

- ❖ Members (Internal committee): Prof: Shailendra Kumar   Co-ordinator

          Prof. D. K. Pal   Member
          Prof. R. K. Pradhan   Member

15-3-23

Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)

❖ Name of the Department: Mathematics

❖ Name of the School of Studies: Mathematical & Computational Science

❖ Year of Establishment of Department: 1989

❖ No. of students in the Department: 303

❖ No. of Faculty in the Department: 13(Regular)+04 (Temporary)

❖ No. of Non-Teaching Staff in the Department: 01(Regular)+01 (Daily wages)

❖ Courses offered by the Department: 03 [B. Sc. (Hons.), M. Sc., Ph.D.]

❖ Infrastructure/Laboratory Status: There is a departmental library in which 1524 books are available and 15 computers are being used by the staff. There are three rooms enabled with ICT facility.

❖ Any Patent Granted by the faculty/Department: Nil

❖ Strength of the Department:

- Maximum faculty members are PhD holders.
- Permanent faculty members have extensive teaching experience.
- The faculty members have research expertise in the numerous areas viz. Geometry, Analysis, Cryptography, Seismology, Numerical Analysis and Differential equation.
- The faculty members have published research article and books in various international journals with high repute.

❖ Weakness to be addressed:
- Department is lack of computer lab for students
- Less PhD produced in the department
- Inadequate of proper infrastructure

❖ Members (Internal committee):

Prof. Shailendra Kumar-Coordinator

Prof. Dilip Kumar Pal-Member
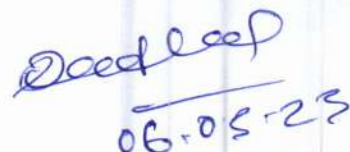
Prof. Ramkrushna Pradhan- Member

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2021-22

- ❖ Name of the Department   : **Mechanical Engineering**
- ❖ Name of the School of Studies   : School of Studies of Engineering & Technology
- ❖ Year of Establishment of Department: 2006
- ❖ No. of students in the Department   : 292
- ❖ No. of Faculty in the Department   : 13 +1* (*On Lien)
- ❖ No. of Non-Teaching Staff in the Department: 03
- ❖ Courses offered by the Department:

    UG - B.Tech (Mechanical Engineering)
    PG – M.Tech (Machine Design)
    Ph.D

- ❖ Infrastructure/Laboratory Status:
    1. There is a departmental library in which
        I. No. of books in the departmental library: 4367

        II. No. of journals/magazines (if any) in the departmental library: 04

    2. Computers and Internet facilities for staff are available
       Total number of class rooms available: 03
       Class rooms with ICT facility available: 02
       No. of Students' laboratory in the Department: 09
       No Research laboratories are available in the Department.
       Any other facility LCDs etc.: 01 LCD available in the Department

- ❖ Any Patent Granted by the faculty/Department: 3 Patent Published but not granted.

- ❖ Strength of the Department:
    - Experienced and knowledgeable faculty members who can provide quality education and guidance to students.
    - Well-established curriculum that prepares students for various career paths in the field of Mechanical Engineering.
    - Collaborations with other departments and institutions to provide a multidisciplinary approach to teaching and research.
    - Establishment of industry connection through various MoUs signed between industry and department which will helpful students for internship and job opportunities.
    - Department encourages the students to do the projects with the use of facilities available in the department.

1

* ❖ Weakness to be addressed:
  * Inadequate facilities and equipment that limit the effectiveness of teaching and research.
  * Lack of industry/Sponsored research projects and consultancy work
  * Students placement concern

Enclosure: Original copy of AAA Report for year 2021-22 duly signed by the HoD (Mechanical Engg) is attached herewith.

* ❖ Members (Internal Committee): Prof. Shailendra Kumar

Prof. Dilipkumar Pal

Prof. Ramkrushna Pradhan

Guru Ghasidas Vishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

- ❖ Name of the Department: **Department of Rural Technology and Social Development**

- ❖ Name of the School of Studies: **Interdisciplinary Education and Research**

- ❖ Year of Establishment of Department: **2001**

- ❖ No. of students in the Department: **256**

- ❖ No. of Faculty in the Department: **10**

- ❖ No. of Non-Teaching Faculty in the Department:**4**

- ❖ Courses offered by the Department: **Learning Outcome Based Curriculum Framework (LOCF)**

- ❖ Infrastructure/Laboratory Status: **10**

- ❖ Any Patent Granted by the faculty/Department: **NIL**

- ❖ Strength of the Department:

1. Diversified expertise and specialization of faculty members in their respective teaching domain and research area.
2. Space available in the department has been utilized maximally not by our students but also by sister departments.
3. Imparting knowledge to student through conducting skillful trainings and workshops.
4. Teachers have personal collaborations with researchers of different institutions for teaching learning as well as R & D work.
5. Department has developed a medicinal and herbal plant nursery for research and practical purpose for students.
6. Placement opportunities for maximum number of students in various Governments sponsored projects, Government and Non Government organizations as well as self employment.
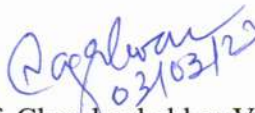
❖ Weakness to be addressed:

1. Communication skills among students are yet to be improved.
2. Space constraints for research activities in the department at students and teachers level.
3. NET exam is not conducted in the subject of Rural Technology which hampers students for further growth in academic and research related activities.
4. Less lucrative salaries in jobs of selected/ placed passed out students.

❖ Members (Internal committee)

Prof. Anupama Saxena   Prof. Chandrashekhar Vazalwar   Prof. Ratnesh Singh

Coordinator   Member   Member

Guru GhasidasVishwavidyalaya

ACADEMIC & ADMINISTRATIVE AUDIT(INTERNAL) REPORT FOR YEAR: 2022- 23

- ❖ Name of the Department: Forestry, Wildlife & Environmental sciences

- ❖ Name of the School of Studies: **Natural resources**

- ❖ Year of Establishment ofDepartment:**1989**

- ❖ No. of students in the Department:**317**

- ❖ No. of Faculty in the Department:**18**

- ❖ No. of Non-Teaching Faculty in the Department: **04**

- ❖ Courses offered by the Department:**UG, PG & Ph.D**

a) Infrastructure/Laboratory Status:Departmental library exists-**Yes**

      I.   No. of books in the departmental library: **2722**

      II.   No. of journals/magazines (if any)in the departmental library: **Nil**

b) Computers and Internet facilities for staff Available: Yes

c) Total number of class rooms: **07**

d) Class rooms with ICT facility: **02**

e) Students' laboratory: **04**

f) Research laboratories: **01**

j) Any other facility LCDs etc.: **02 LCD Projector**

- ❖ Any Patent Granted by the faculty/Department:No

- ❖ Strength of the Department:

  - State of the art laboratories and smart class rooms
  - High demand of the teaching programmes
  - Experienced faculty members
  - Experiential learning based course curriculum
  - Strong linkages with state forest department

- Students internships and practical exposures
- Higher number of R & D and Consultancy projects

❖ Weakness to be addressed:
  - Technical staff is required for laboratory functioning and official supporting staff for proper function
  - Needs more funds for repairing and maintenance of scientific instruments
  - Students visit to forest area needs regular transport/ vehicle
  - Require fund for all India student visit

Members (Internal committee)

Prof. Manisha Dubey

Convened Member

Prof. M.N. Tripathi

Member

Prof. C. Nayak

Member

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on **11th October 2021**, by and between

School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) herein by its **Dean**, (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

M/s Bharat Sanchar Nigam Limited (A Govt. of India Enterprises), Bilaspur, Chhattisgarh herein by its **General Manager Telecom District & Head**, (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

WHEREAS:

A)   First Party is a Central University Institute named: **School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)** is a Central University located in Bilaspur, Chhattisgarh, India. It is one of the largest and oldest institutions of higher education of Chhattisgarh,

M 935312

छत्तीसगढ़ CHHATTISGARH

MEMORANDUM OF UNDERSTANDING

BETWEEN

ZIROH LABS PVT LTD, BANGALORE

AND

SCHOOL OF STUDIES OF ENGINEERING AND TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA,
(A CENTRAL UNIVERSITY)
KONI, BILASPUR, CHHATTISGARH – 495009

IN RESPECT OF INTERACTION OF ACADEMIA AND INDUSTRY FOR IMPROVING THE QUALITY OF TEACHING, FOR IMPARTING PRACTICAL SKILLS TO STUDENTS, UNDERTAKING RESEARCH AND CONSULTANCY

PREAMBLE

THIS MEMORANDUM OF UNDERSTANDING (hereinafter called as the 'MoU') is entered into on **11th October 2021** between **ZIROH LABS PVT LTD** having its office at '#21, Good Works Infinity Park, Tower 1, 2nd Main Road, Electronics City Phase 1, Electronic City, Bangalore, Karnataka-560100, (hereinafter referred to as "Ziroh Labs"), mostly mentioned as Ziroh Labs of the First Part and **SCHOOL OF STUDIES OF ENGINEERING AND TECHNOLOGY, GURU GHASIDAS VISHWAVIDYALAYA (A CENTRAL UNIVERSITY)** having its campus on Koni, Bilaspur, Chhattisgarh– 495009 (hereinafter referred to as second party) of the Second Part;

छत्तीसगढ़ CHHATTISGARH

M 935307

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on **11**th **October 2021**, by and between

School of Studies of Engineering and Technology, **Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)** herein by its **Dean,** (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

Jhajharia Nirman Limited, Jhajharia Mansion, Jagmal Block, Bilaspur Chhattisgarh herein by its **General Manager,** (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

WHEREAS:

A) First Party is a Central University Institute named: **School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)** is a Central University located in Bilaspur, Chhattisgarh, India. It is one of the largest and oldest institutions of higher education of Chhattisgarh,

MEMORANDUM
OF
UNDERSTANDING

BETWEEN

RESEARCH FOR RESURGENCE FOUNDATION

NAGPUR

AND

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A Central University)

MEMORANDUM OF UNDERSTANDING

BETWEEN

JAYASWAL NECO INDUSTRIES LIMITED, SILTARA, RAIPUR, (CG) INDIA

AND

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR, (CG) INDIA