



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

BMHEC'S KITTEL SCIENCE COLLEGE DHARWAD

**NEAR JUBILEE CIRCLE PUNE BANGALORE ROAD DHARWAD
580001**

www.kittelsciencecollege.com

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Basel is a flourishing city in northern Switzerland sharing borders with Germany and France. The Basel Mission was a Christian Missionary Society based in Switzerland and functioned actively from 1815 to 2001. Educational, agricultural and industrial sectors were focal areas of missionary contributions. Rev. Samuel Hebich, a pioneer missionary travelled to Southwestern India, and launched the Basel Mission German station at Mangalore in 1834. The saga of German missionaries continued and a Primary School was established in 1847, later upgraded to High School in 1863 thus, marking the ascent of Basel Mission Institutions in Dharwad. The unrelenting efforts of Rev. Zeigler secured 3.24 acres land from the Government paving the way for infrastructure development.

Shri R S Bangera, Founder Chairman of Basel Mission Institutions incepted Kittel Science College in 1968 with built up area of 5,406.93 sq.mts and named after the legendary Kannada Lexicographer, Rev. Dr. Ferdinand Kittel. The firmament of our College stands on the strong Christian ideology “Not to be served, but to serve” and managed by Basel Mission Higher Education Centre, Karnataka Northern Diocese, Church of South of India, has recorded multi-dimensional progress in academic, non-academic, infrastructure, sports and cultural spheres under the proficient and adroit leadership of the President, Secretary, Trustees of BMHEC, erstwhile and present Principals. The primal emphasis is to open educational opportunities for rural, economically and socially deprived sections of North Karnataka as enshrined in our Vision and Mission statements. Our institution, affiliated to Karnatak University is recognized under Section 2(f) and 12(B) of the UGC Act and accredited by NAAC with grade B for two cycles.

A review of achievements for the assessment period is evidenced by sanguine student enrolment, successful implementation of syllabi with clarity in course and program outcomes, augmentation in infrastructure and sports facilities, noteworthy improvement in pedagogical methodologies using ICT and blended teaching-learning platforms, fully automated, digitalized library equipped with e-resources, optimal research output, awards and recognitions for students and faculty, chronicled best practices, extension, and outreach activities to create cognizance on Constitutional and social issues above all attainment of Golden Jubilee of our college in 2018-19.

Vision

Our Vision – “Seek and ye shall find”

The statement “Seek and Ye shall find” is drawn from inspirational sermons delivered by Jesus Christ recorded in the New Testament of the Holy Bible. He spurred his audience to invest in a search to find spiritual wisdom and divinity of God. The Basel Missionaries were the harbingers of this vision statement as they sought to provide access to formal learning by setting up schools and colleges to raise educational standards of communities and in turn further the progress of societies towards nation building. Our institution has implemented this vision successfully for 55 years and contributed to educating youth from rural sectors of North Karnataka.

“Imparting of sound learning and building of character” are doctrines of our vision exemplified the College Prayer. Our institution endeavors to train students to seek knowledge and information during the three-year tenured undergraduate degree program. Events and activities are effectively designed to create an ambience for youngsters to seek and hone their strengths and talents. Meaningful extension and outreach programs are organized to facilitate entirety in personality development inclusive of moral, ethical and cultural values.

Mission

OUR MISSION – SCHOLARSHIP, FELLOWSHIP AND LEADERSHIP

In the present era of rapid progress and technological advancement, our College gives prominence to mentor students to achieve the triangular life skills enshrined in our Mission statement. The duties and responsibilities of studentship are fostered at the commencement of the academic term. Teaching and learning methodologies are directed to extend the horizons of information and knowledge that enhance the career prospects and employability after graduation. Students are motivated and encouraged to participate in curricular, co-curricular and extracurricular activities to build and nurture friendly ties with fellow classmates. The art of cultivating interpersonal relations for harmonious co-existence in a diverse social society forms the preamble of fellowship among our students. Participation in extracurricular activities enables the development of leadership skills. Students learn to manage time and human resources by role play as an individual and as a team player. Our Mission is to empower our youth and prepare them as befitting citizens armed with fervor and zeal to contribute towards nation building and patriotism.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Student enrolment recorded 100% during assessment period
2. Academically proficient and dedicated faculty members employ student centric, ICT enabled teaching pedagogy and are equally engaged in pursuing research studies
3. NSS volunteer was conferred with State NSS award. Physics Department staff member conferred with Best Faculty Award by International Scientists Awards.
4. Three faculty members appointed as members of the committee constituted by the Government of Karnataka to frame the National Education Policy (NEP) syllabi
5. Library is fully automated and digitalised with Wi-Fi and LAN connectivity including reading rooms and a browsing center, NLIST is available for e-resources and OPAC software for book search.
6. Kittel's Employees Co-operative Society aims at lending short and long term loans for personal financial benefits.
7. Institution uses alternate source of energy derived from a 30KW rooftop Solar Power Plant that covers power outages. Rain water harvesting for ground water replenishment. College campus is secured with CC surveillance.
8. BMHEC Management provides sustained encouragement, motivation and guidance on issues related to the professional and overall development of the Institution.

Institutional Weakness

1. **Paucity of appointment of full time teaching faculty due to Government norms.**
2. **Poor student-teacher ratio as a result of curtailment in teachers' appointments.**
3. **Institution faces limitations in modification of curriculum design.**
4. **Renovation and accommodation enhancement required in Boys Hostel.**
5. **Inadequate on-campus placement drives.**
6. **Consultancy in research, academic and career opportunities needs adequate exploration.**
7. **Karnatak University withholds permission to set up research center in aided Science Colleges.**
8. **Conversion of superannuated positions from aided to unaided adds to shortage in number of administrative staff.**

Institutional Opportunity

1. **To encourage students to enrol Certificate/Value added courses offered and online courses of MOOC's, SWAYAM, NPTEL**
2. **To initiate measures for full time teaching staff to prepare for NET/SET/SLET and take up research studies leading to Ph.D/D.Sc/D.Litt/L.L.D**
3. **Efforts to apply for research grants from Government and non-governmental agencies**
4. **Avail grants from RUSA to promote over all development of Institution**
5. **Conduct workshops/seminars/conferences on Intellectual Property Rights (IPR) / entrepreneurship and establish IPR cell**
6. **Efforts to publish research findings in books and chapters in edited volumes/books**
7. **Enhancement in scholarships and freeships for students**
8. **Organise career guidance talks on preparation for competitive examinations**
9. **Conduct programs to enhance placement of students and progress to higher education**
10. **Encourage teaching and non-teaching staff to participate in Faculty Development Programs (FDP), Management Development Program (MDP), Professional Development/ Administrative Training Program.**
11. **Enhance financial and academic support from Alumni participation**
12. **Introduce add-on, certificate, post graduate, job oriented and diploma courses**
13. **Undertake minor research projects and conduct national and international seminars and workshops**
14. **Enhance e-governance in office administration**

Institutional Challenge

1. **Lack of support from Government in framing admission and fee structure policies**
2. **Vacant teaching and non-teaching positions adds to the financial burden to disburse salaries for guest faculties**
3. **Our Institution being a Science College faces time constraint to organize co-curricular and extra-curricular activities**
4. **Invite IT companies to recruit our students through placement drives**
5. **Initiate process to obtain NIRF/recognised rankings and quality audit/accreditation recognized by state, national or international agencies such as NBA etc.**

6. Academic and Administrative Audit (AAA)
7. Students' Feedback
8. Green Audit

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Criterion – 1 Curricular Aspects

Karnatak University Dharwad, the affiliating University of our College takes governance in curricular planning and implementation. The prescribed non-CBCS, CBCS and NEP syllabi were the premise on which the institution planned and prepared a student centric curriculum that addressed academic, co-curricular and extra-curricular activities that safeguard pedagogy and effectual curriculum dissemination. A calendar of events and timetable were drawn up to ensure curricular modules adopting proven methodologies with ease of understanding by the student stakeholders. Allocation of workload, preparation of semester wise conspectus, student attendance and faculty work diary are records maintained in accordance with Government norms. Academic assessment is delegated through an internal examination committee that conducts theory, practical tests including home assignments and seminars for internal assessment.

Learning Management Systems (LMS) and blended learning are extensively used to enrich curricular content and teaching-learning process. Google classrooms, Google meet, Teachmint and YouTube served as platforms to upload study materials.

Social media applications namely WhatsApp and Zoom were used for daily interaction with students during the Covid lockdown. Senior faculty were appointed by the University as members of Board of Studies (BOS) and Board of Examiners (BOE) and assigned responsibility of question paper setting, evaluation and related academic, examination duties, officiating as Deputy Superintendent of examination (external) and Vigilance squad. Our library has an adequate number of text books and manuals referred by students and staff for planning effective course and program outcomes. The Induction Program familiarizes newly admitted students to opportunities to exhibit and hone their academic and non-academic capabilities. The Student Representative Council (SRC) constitutes associations that oversee curriculum enrichment by addressing issues directed to professional ethics, gender sensitization, human values, environment and sustainability. National Cadet Corps (NCC) and National Service Scheme (NSS) activities instill qualities of patriotism and leadership. Debate Union encourages sharpening of communication skills, essay writing and reading ability. Sports activities promotes athletic skills and sportsmanship. Mentor System is enabled to monitor students' academic and personality development and provide needy counselling. Industrial visits and project works enhance practical and real time subject knowledge that prove useful in competitive exams and career openings.

Teaching-learning and Evaluation

Criterion 2 - Teaching - Learning and Evaluation

Kittel Science College offers courses leading to Bachelor's degree in Science. Admission is offered for

girls and boys drawn from the rural population of north Karnataka. The College has recorded an impressive 100% enrolment during the last five years and seat matrix is inclusive of the policies formulated and applicable for reserved categories (SC, ST, OBC etc). The ratio of Student : Full time Teacher is low at 17: 01% owing to paucity of fresh appointment of permanent faculty. However, this lacuna was overcome with appointments made by the Management to fill vacancies as full time guest faculty who were allocated workload to meet the academic and related curricular demands of enrolled students. The combined efforts of the permanent and guest faculty are reflected in pass percentage at 71.30% over the last five years.

Teaching and Learning process has evolved during the last five years with the evolution of student centric methods conceived, designed and executed to meet the diverse requirements and outcomes prescribed in the Non-CBCS, CBCS and NEP 2020 syllabi. A well-planned academic calendar and methodical curriculum design embodying theory and practical lessons offered ample scope for experiential and participative learning. Project work, seminars, home assignments, field studies were methodologies utilized to enhance the learning process. Blended learning using online and IT resources and learning management systems (LMS) took impetus during the Covid pandemic. Outcome based education (OBE) became the benchmark of teaching and learning in the newly implemented NEP syllabus.

The weightage of subjects and languages carried course outcome (CO), program outcome (PO) and program specific outcome (PSO) statements that assisted students to choose Discipline Specific Core Course, Open Elective and Skill Enhancement Courses.

Examination Committee is responsible for evaluation process and abides by the procedures and reforms as directed by the affiliating University. Tests for theory and practicals are conducted according to the academic calendar, home assignments and seminars are extended evaluation methods cumulated as Internal Assessment marks. Summative and formative evaluation was implemented for NEP courses ruled by transparency enabling students the access to assess and improve their academic performance.

Research, Innovations and Extension

Criterion 3 - Research, Innovations and Extension

Strategies for resource mobilization for research was adopted by our College since its inception that harnessed the potential for scientific studies from faculty who have actively engaged in conducting experiments and published findings in national and international peer reviewed journals enlisted in UGC – CARE and renowned publishers namely Academic Press, UK and Elsevier, USA. Apart from implementing self-financed research projects, our faculty supervised research scholars for doctoral degree and internship for Master's degree. Notwithstanding the dearth in funds for research, the enthusiasm and passion for scientific experimentation of our faculty has yielded 17 research publications in national and international journals and one presentation in an international conference during the last five years.

Students, our prime stakeholders were given copious opportunities to whet their information and knowledge base. Learning resources are prepared with relevance to the prescribed syllabi that in turn

exemplifies contemporary and current issues in science disciplines including languages. Theory and practical classes are conventional learning incubation centers while field studies, industrial visits augment a deeper understanding of the subjects. Curriculum design and programming softwares included in the National Education Policy (NEP) 2020, was discussed and refined effectively in the Mathematics workshop and Botany conference for implementation to benefit our students.

A plethora of extension and outreach activities were jointly organized by the National Service Scheme (NSS) unit and Student Representative Council (SRC). During the last five years, our NSS unit adopted three villages to conduct annual camp. In Kanvihonnapur, tree plantation, toilet construction and conservation of water resources were organised, in Jodhalli an awareness program to depict the harmful effects of tobacco on health and need for plastic free environment were conducted, in Yerikoppa a program on role of youth in progressive India and Voter's awareness rally were organised.

Our college is proud of a. Mr Shivayogi Haveri our first NSS volunteer to be conferred with the State NSS Award by His Excellency the Honourable Governor of Karnataka Shri Thawar Chand Gehlot

b. Prof Xavier Santan Gama, Assistant Professor of Physics, received the Best Faculty Award at the International Scientist Awards in Engineering, Science and Medicine.

Infrastructure and Learning Resources

Criterion 4 - Infrastructure and Learning Resources

Infrastructure resources comprises an administrative block, Principal chamber, College, office, staff rooms, library with reading rooms, auditorium, Conference hall, IQAC meeting hall, Kittel College Employees Co-operative Society and NSS office. Extended infrastructure include ICT enabled class rooms and Examination control room. Mathematics laboratory, Ladies rest room, Management office are housed in the New Block. Apart from spacious and well-equipped laboratories there are museums in Zoology and Botany departments. The Botanical Garden is our prized possession stocked with indigenous, exotic and medicinal plants. All physical facilities on-campus are provided with computing equipment connected to Wi-Fi and internet through local area network (LAN) used for teaching-learning process and administrative operations.

Our library came into existence along with the inception of the Institution and has given momentum to regular renewal and upgradation of learning resources. The library is fully automated with digital facilities using Integrated Library Management System (ILMS) with a browsing center and reprography facilities for staff and students. Annual subscription for NLIST provides access to e-resources and journals. Library advisory committee regularly monitors and caters to the requirements of learning resources of the students. Placement and Career guidance cell function as extensions of the library including Kittel's corner that preserves the contributions of the Kannada lexicographer Dr. Ferdinand Kittel.

Sports facilities include an indoor stadium with multi-gym and a playground for outdoor games, athletics and yoga. Hostel accommodation is available separately for boys and girls that is adequately furnished with boarding and lodging facilities. The College canteen serves meals for students and staff at

affordable prices.

Our College has shown significant progress in keeping pace in an era of digitalization and paperless communication. The campus is equipped with IT facilities that cater to technology driven communication among the students, staff and administrative personnel. The local area network (LAN) provides internet and Wi-Fi connectivity for the 66 computers that are optimally used in science departments, office and library by students, teaching and office staff. Power outages are overcome by a 30KW Solar Power Plant. The College campus is under surveillance of CC cameras that ensures overall safety of infrastructure and stakeholders.

Student Support and Progression

Criterion 5 - Student Support and Progression

The institution has recorded 48% of student stake holders who have availed financial assistance through scholarships and freeships recording an increase from 387 students in 2017 to 421 in 2022. Apart from the Government Scholarships, the College has instituted awards/ cash prizes for students who excel in academics and sports. Some of them are as follows:

- Best student award for the outstanding student of the year from B.Sc final year.
- Cash prize for first three rank holders to the College at B.Sc V & Vi Sem examinations conducted by Karnatak university, Dharwad.
- Late Shri R S Bangera Memorial cash prize for student securing highest marks at B.Sc V & VI Sem Examinations, instituted by Smt E R Bangera and family (family of the founder of the College, Sri R S Bangera).
- Late Smt Sunanda Rameshchandra Endowment prize to a) Lady student securing highest marks in PUC @ in Kittel Science PU College and continuing her studies in B.SC in the Kittel Science Degree College. b) Lady student securing highest marks at B.Sc V & Vi semester in Physics.
- Shri G C Hiremath Endowment prize to student securing highest marks in Electronics at B.Sc V & VI semester.
- Late Shri Andanappa Kapali Memorial Endowment prize for student securing highest marks in Botany at B.Sc V & VI semester.
- Late Shri Narasimhamurthy Endowment prize for student securing highest marks in Physics at B.Sc V & VI sem.
- Late Shri D Suresh memorial prize for general champion in sports.

The participation of our students in career guidance programs conducted has yielded placement in Government departments and Private companies. 18 students from our college have cleared GATE, CSIR-UGC NET, SLET, TET, PG entrance exams for recruitment and higher studies. Two of our students have won accolades at International Championship competitions in Throw ball and Kabaddi in UAE and Nepal respectively. Over the last five years 25 of our former students have been recruited in Karnataka Reserve Police, Armed Police, Fire and Emergency Services, Prisons and Correctional Services, Power Transmission Corporation, Department of Urban Development including Health and Family Welfare.

Governance, Leadership and Management

Criterion 6 - Governance, Leadership and Management

Governance and leadership are preserved within the vision and mission statements of the Institution and reflected in its commitment to uphold social justice and provide higher educational opportunities to all communities drawn particularly from the rural areas of north Karnataka. The Management members of the Basel Mission Higher Education Center (BMHEC) play a pivotal role with the head of the Institution in policy and decision making processes involving academic, administrative and financial matters. The Institution abides by the service rules enumerated within the framework of the Karnataka Civil Service Rules (KCSR), all staffs are bound to strictly follow the Management guidelines.

BMHEC is the highest authority in faculty appointment, framing policies and its implementation including recruitment and deployment of qualified and competent human resource for manifold development and effective functioning of the Institution. Regular campus visits by the President, Trustees and members of the Governing body encourage staff and students to fulfil assigned responsibilities with dedication and commitment. The heads of departments and conveners of committees constituted under the Student Representative Council (SRC) decentralize curricular, co-curricular, extra-curricular, extension and outreach activities and programs for sustained multidimensional progression of the institution.

Management members offer advice and guidance on Employees' service and financial matters such as salary, leave account and maintenance of service books. A chartered accountant appointed by the Management justifies internal audit of financial statements and external audit is undertaken by auditors from office of the Regional Joint Director and thereafter by the auditors from Auditor General Office, Bangalore. The Management enforces effective welfare measures for teaching and administrative staff to avail time bound promotion benefits and annual increment. Provident fund and Employees State Insurance (ESI) and Kittel's Employees Co-operative Society enhance employees' financial benefits.

The nimble governance of the Management and articulate leadership of the Principal have positioned quality assurance strategies to achieve overall success in teaching-learning process, pedagogy and placement of stakeholders.

Institutional Values and Best Practices

Criterion 7- Institutional Values and Best Practices

The quintessence of our Institutional values cuts across cultural, regional, linguistic, communal, socio-economic barriers and sets the premise to maintain and promote gender equity measures that commences with the admission and enrolment of students who originate largely from rural areas of north Karnataka.

The best practice of our College is the staunch credence to invest in girls' education that expedites the transformation of families in particular and communities at large. Girls who receive education in the portals of our College are emancipated to explore newer avenues and careers that facilitate higher incomes, participation in decision making and orchestrate better futures. The Ladies Association of the SRC conducts programs addressing women empowerment and talks on gender sensitization laws and

enactments of the Government for women and girl child. Ladies room is equipped with adequate infrastructure to meet the personal requirements of lady students. Separate Girls' hostel under CC surveillance provides optimum boarding and lodging facilities including the services of a warden and lady counsellor who are readily accessible for advice, guidance and moral support to promote a safe and friendly ambience. Anti-ragging and Grievance Redressal cell creates awareness on zero tolerance for on-campus harassment and ragging.

Best practices of the Institution include usage of alternate source of energy derived from a 30KW rooftop Solar Power Plant that covers power outages. Trash cans, dustbins and municipal garbage collectors are used for routine disposal of solid wastes. Chemicals and hazardous wastes beyond the date of expiration are disposed as per the standard operating procedures of the State Pollution Control Board. Water is judiciously utilized from storage reservoirs for drinking, garden and laboratory maintenance. Rainwater is seasonally harvested to augment the underground water table. Our college is endowed with green pastures to nurture indigenous, exotic, flowering and potted plants. Our Botanical garden is home to endemic and medicinal plants. Garden committee members select plants that thrive well and add beauty during the blossom season. A green audit is a recent initiative to ensure an eco-friendly and green campus. The NSS unit is actively engaged in Swachta Pakwada programs to keep the campus clean.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	BMHEC's KITTEL SCIENCE COLLEGE DHARWAD
Address	NEAR JUBILEE CIRCLE PUNE BANGALORE ROAD DHARWAD
City	DHARWAD
State	Karnataka
Pin	580001
Website	www.kittelsciencecollege.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	R Christopher	0836-2441693	9845554207	-	kittelprincipal2020@gmail.com
IQAC / CIQA coordinator	G M Patil	0836-2460259	9481012688	-	patilprasannag@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes Minority Certificate20042023.pdf
If Yes, Specify minority status	
Religious	CHRISTIAN
Linguistic	
Any Other	

Establishment Details				
State	University name	Document		
Karnataka	Karnataka University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	01-01-1992	View Document		
12B of UGC	23-01-1993	View Document		
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	NEAR JUBILEE CIRCLE PUNE BANGALORE ROAD DHARWAD	Urban	3.24	5406.93

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Bsc	24	PUC or Equivalent	Sanskrit	60	2
UG	BSc,Bsc	24	PUC or Equivalent	Kannada	240	105
UG	BSc,Bsc	36	PUC or Equivalent	English	20	10
UG	BSc,Bsc	36	PUC or Equivalent	English	50	25
UG	BSc,Bsc	36	PUC or Equivalent	English	25	21
UG	BSc,Bsc	24	PUC or Equivalent	Hindi	60	21
UG	BSc,Bsc	36	PUC or Equivalent	English	50	22
UG	BSc,Bsc	36	PUC or Equivalent	English	25	15
UG	BSc,Bsc	24	PUC or Equivalent	English	240	131
UG	BSc,Bsc	36	PUC or Equivalent	English	25	14
UG	BSc,Bsc	36	PUC or Equivalent	English	80	47
UG	BSc,Bsc	36	PUC or Equivalent	English	125	70
UG	BSc,Bsc	24	PUC or Equivalent	English	60	3
UG	BSc,Bsc	36	PUC or Equivalent	English	80	48

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				10				2			
Recruited	0	0	0	0	6	4	0	10	1	1	0	2
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				27			
Recruited	0	0	0	0	0	0	0	0	10	17	0	27
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				18
Recruited	3	1	0	4
Yet to Recruit				14
Sanctioned by the Management/Society or Other Authorized Bodies				17
Recruited	10	7	0	17
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	4	1	0	0	0	0	5
M.Phil.	0	0	0	1	1	0	0	0	0	2
PG	0	0	0	2	3	0	0	0	0	5
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	9	17	0	26
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	2	0	3
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	356	0	0	0	356
	Female	219	0	0	0	219
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	40	44	46	61
	Female	20	28	36	43
	Others	0	0	0	0
ST	Male	24	16	15	25
	Female	18	9	13	10
	Others	0	0	0	0
OBC	Male	386	392	386	384
	Female	272	255	244	218
	Others	0	0	0	0
General	Male	23	23	0	22
	Female	27	30	0	20
	Others	0	0	25	0
Others	Male	0	0	23	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		810	797	788	783

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The Department of Higher Education, Government of Karnataka constituted subject wise core committees including for languages to frame the NEP 2020 syllabi. Members of the committees drafted,
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	<p>deliberated and approved the collective implementation of the syllabus in state wide higher education institutions (HEI). Our institution followed the NEP syllabi in its prescribed format approved by Karnatak University that includes multidisciplinary/interdisciplinary courses as electives and provide adequate flexibility for students to select electives of their choice. The combinations offered for courses at entry level is displayed by the admission committee and published on the college website. The academic sessions addressed by subject scholars and delegates in the Botany Conference and Mathematics Workshop conducted by our college facilitated student centric revision and refinement in the curriculum design of the NEP syllabi.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>The ABC is an important aspect of NEP 2020 and is designed to give students greater flexibility in pursuing their academic goals. The ABC database allows students to collect, store, and transfer credits earned through different streams like college-based programmes and technology-enabled virtual courses. A quality initiative taken by our institution to fulfil the requirement of Academic bank of credits as proposed in NEP 2020 syllabus is through subscription to "National Library and Information Services Infrastructure for Scholarly Content" (NLIST). In addition to credits offered for under graduation courses, our students are encouraged to enroll and complete free online courses under the Ministry of Human Resource Development (MHRD) like SWAYAM, NPTEL and MOOCS for added credits. Steps are initiated to create digital repositories for storing and issuing credits with comprehensive documentation using ABC database. Our dedicated faculties design individual reading material, assignments, curricular and pedagogical approaches within the approved framework, and transparency in assessment to enhance academic credits.</p>
<p>3. Skill development:</p>	<p>Our institution offers Skill Enhancement Courses as listed in the NEP 2020 syllabus and prescribed by the affiliating university. The learning outcomes of SEC formed the base for curriculum design and incorporated in theory, practical, study tour and project report. Home assignment and seminars offered in discipline specific core course (DSCC) and open elective course (OEC) are academic exercises</p>

	<p>that promote skills such as, critical thinking, content structuring and creativity. A gamut of extension and outreach activities organised by the SRC, NSS and YRC created a germane ambience that ensured value-based education among the students for the development of humanistic, ethical, constitutional, social and universal human values of truth, righteous conduct, peace, compassion, scientific temper, citizenship, and life-skills namely, time and human resource management.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Students enrolled in our institution originate from a rural background with a strong inclination to communicate in regional language namely Kannada. Teaching – learning process in native language was in practice earlier and is continued with the implementation of NEP syllabus. Faculty members prepare relevant lesson modules to provide classroom lecture delivery and later engage student interaction in bilingual mode (English and vernacular). NEP syllabus provides ample scope for students at entry level to select two Indian languages. Text books and suitable lesson plans are prepared in topics reflecting Indian history, traditions and culture. This ensures that students are knowledgeable of the culture in which they live and learn to integrate Indian knowledge systems and foster a greater understanding amongst students from diverse backgrounds.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The benchmark envisioned in the New Education Policy 2020 was to position Outcome Based Education (OBE) structured to provide a clarity and awareness of the combination wise courses and their scope in career prospects and future professional employability among students. Our institution has clearly defined the Course outcomes (CO), program outcomes (PO) and program specific outcomes (PSO) in the college handbook, prospectus and website. Teaching-learning methods used are student centric and ICT enabled. Internal tests for theory and practical constituted formative assessment and semester end university exams for theory and practical comprised summative assessment. Online and blended learning were integrated into mainstream pedagogy and Google forms and classroom assignments were extensively used as assessment protocols.</p>

6. Distance education/online education:	Online and blended education became the new normal during the covid lockdowns. Our institution successfully utilized the use of learning management systems (LMS) for curriculum delivery with the implementation of NEP syllabi. Our faculty are well trained in the use of ICT tools for classroom teaching and continue to invest in good technology platforms for virtual learning, with easy-to-use features like YouTube video lecture recordings, course materials, tests, and exams posted on Google classroom and WhatsApp class groups. The multidimensional teaching-learning activities are augmented with blended learning and free online courses available for easy access through e-resources offered through NLIST.
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Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	On the onset of upcoming Assembly election 2023 and Parliamentary Election 2024, our Institution initiated an Electoral literacy cell in the Academic year 2020-21.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Mr Xavier Gama from the Department of Physics is the Nodal officer of ELC appointed by principal, Kittel Science College, and approved by the Deputy Commissioner, Hubli Dharwad. The ELC cell is functional till date.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Our students and staff participated in "Voting Awareness Jatha" organized by the Zilla Panchayat on 15-04-2023, the officials sensitized the students to register their name on "Voter's helpline app" by which the students could identify their part number, polling station and serial number. A human chain was formed at JubileeCircle to create awareness to the general public as well. Citizens above 80 years of age were given an option to vote from home
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in	The students of our College actively participated in "Cast your vote" campaign conducted on 21-12-2020 by the Election commission of India, District Administration Zilla Panchayat in association with NSS unit of our college and were educated regarding

<p>electoral processes, etc.</p>	<p>procedure relating to register their name in Electrol roll, proeedure to cast vote. A “Voter’s Oath taking ceremony was organized on 26-01-2021 for our students. The Principal made the students aware of the importance of voting and administered the voting oath. Our College along with The Hubli Dharwad West Constituency along with Hubli Dharwad Muncipal Corporation organized a one day “Voting Awareness programe” on 29-11-2022for the students and the officials delivered a lecture on the importance of voting and also asked the students to download the “Voters Helpline App” to gain access to register their names in the Electoral roll and for any quires. Our students and staff participated in “Voting Awareness Jatha” organized by the Zilla Panchayat on 15-04-2023 and the concerned Officials sensitized the students to register their name on “Voter’s Helpline App” by which the students could identify their part number, polling station and serial number. A human chain was formed at Jubliee Circle to create awareness to the public as well. The NSS Unit of our College also organized a “voting awareness Campaign” on 04-05-2023 to educate the general public on the importance of voting.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The Nodal Officer Mr Xavier Gama prepared a checklist of students above 18 years of age and made sure that the eligible students registered their namesin the Electrol roll.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
783	788	797	810	731
File Description		Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 236

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
41	44	43	54	54

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
13.32	41.27	51.70	45.78	21.80
File Description		Document		
Upload Supporting Document		View Document		

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Our College is affiliated to Karnatak University Dharwad. The curriculum is framed by the University and thus the institution plans and prepares the processes of the college towards administration, students, academic, co-curricular and extra-curricular activities to ensure effective curriculum delivery. The college also endorses the vision and mission statements of the institution by providing quality education with a holistic approach.

The college in accordance with the university calendar of events and syllabi prescribed by the University prepares its own calendar of events. The Principal in consultation with IQAC, the heads of all departments and the staff strategize the delivery of the curriculum through a systematic approach. At the outset the previous semester results are reviewed and steps taken to improve it. The heads of the departments allocate the hours of teaching to the teachers as per the college time table. Arrangements are made for guest faculty in the departments with excess workload.

The faculty prepares the conspectus presenting month wise distribution and completion of the course. Student's attendance and teacher's daily diary is maintained. This is verified by the Principal in the first week of each month. 75% of attendance is mandatory and parents are informed about the shortage of attendance of their wards.

As per the University guidelines, there is continuous internal assessment. There are two internal tests of 20 marks each which is reduced to 10 marks. One home assignment is for 10 marks and practical internal test for 20 marks which is again reduced to 10 marks. From the academic year 2020-21 Choice Based Credit System (CBCS) was introduced with two internal tests of 20 marks each which in turn is reduced to 10 marks. Practical test is conducted for 20 marks and it is reduced to 10 marks. In the year 2021-22, National Education Policy (NEP) was introduced. According to the guidelines of NEP there are two internal tests of 20 marks each which is reduced to 10 marks and Internal Practical Test of 20 marks which is reduced to 10 marks. In addition, students are given home assignments for 10 Marks and seminar for 10 marks. The total internal marks adds up to 40 marks and the students appear for semester end theory examination for 60 marks. Practical Examination is conducted for 25 marks and practical internal test of 25 marks makes the total of 50 marks.

During the pandemic the faculty used ICT to share notes, study materials as well as delivery of lectures through Google Meet, Teachmint, Google Classroom, WhatsApp, Email and Zoom. Most of the faculty are chairpersons and members of BOS and BOE. The teachers are involved in question paper setting, evaluation and participation in seminars, workshops and conferences.

The College library has subscribed to texts, reference books and journals. Thus the Institution has been able to effectively plan and deliver the curriculum and hence fulfils the outcome of the program and the

course.	
File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)	
Response: 0	
File Description	Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years				
Response: 0				
1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years				
2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0
File Description	Document			
Institutional data in the prescribed format	View Document			

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum
Response:

The curriculum framed by Karnatak University Dharwad encompasses all the components related to Professional Ethics, Gender, Human Values, Environment and Sustainability. These issues are addressed through various Associations in the college. The Physical and Natural Science Associations conduct activities and programmes that emphasise on environment and sustainability. The Ladies' Association addresses issues related to human rights, health and gender sensitisation by inviting resource persons as well as conducting activities to bring out the potential of lady students as well as creating awareness on issues relevant to women in society. The NSS in its frame work includes relevant activities and programs that are taken up in the villages, streets and the common man. Thus creating an awareness on education for all, conservation of natural resources, human values, national integration and service to society. The curriculum also includes subjects like Indian Constitution, Human Rights and Environmental Science which integrates crosscutting issues as well as addressing them. These subjects empower the students with a sense of responsibility towards environment and sustainability as well as responsibility towards nation building. Personality Development and Communication Skills is a mandatory subject for B.Sc Semester III. Through the study of languages, issues related to democracy, social justice, unity and integration are addressed. Kittel Science College embodies in its programs cross cutting issues that emphasise gender sensitivity and gender sensitization. The NSS serves as a platform towards education and health for all. The NSS and the Ladies Association serve as congenial platforms for students to explore possibilities and imminent potential to create awareness among the youth to understand the significance of rights, duties and the significance of voting. The Youth Red Cross Wing in its programs like Blood Donation Camps, Health Check Up and AIDS Awareness Programs instil and inculcate human values and awareness on being responsible citizens and youth. World Environment Day, Rashtriya Ekta Diwas, Constitution Day, Voter's Awareness are some of the programs that have enriched the curriculum. During the pandemic awareness to curtail the spread of the disease was highlighted through awareness programs, Covid test for the masses in the college and vaccination drive for staff and students was also taken up with the assistance of the District Health Office, Dharwad. Awareness campaigns, Swaccha Bharatha drive in the campus, tree plantation, seminars and discussions have enriched the curriculum and have addressed cross cutting issues.

File Description	Document
Upload Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 37.16

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 291

File Description	Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 99.93

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2021-22	2020-21	2019-20	2018-19	2017-18
293	288	287	304	300

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
293	288	288	304	300

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 66.57

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2021-22	2020-21	2019-20	2018-19	2017-18
160	132	130	135	130

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
205	202	202	213	210

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document

2.2 Student Teacher Ratio**2.2.1 Student – Full time Teacher Ratio
(Data for the latest completed academic year)****Response:** 19.1**2.3 Teaching- Learning Process****2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process****Response:**

The institution gives importance to experiential and participative learning to enhance the learning abilities & involvement among the students. The institution imparts education to a diverse group of students, who come from different economic, social and cultural background. Many of our students are from rural background. The admission process is reviewed and efforts are made to improve the qualitative and quantitative aspects.

Experiential learning:

In this learning system students gained knowledge through laboratory demonstrations, hands on training practical. The main focus of this learning is to enable the students to study both theory and practical in

blended mode. The semester wise performance of student is reviewed, students with less than optimum/minimum scoring and any indiscipline are warned and the same message is sent to their parents. Students are acquainted with Institutional profile, College Vision/Mission, objectives of Red Cross, Mentor System etc. Laboratories and library are well equipped. Advanced and slow learners are identified based on their performance and their ability to grasp and respond in the classroom/labs/performance in the internal test and University Examination. Advanced learners are encouraged to take up seminars, group leadership and presentations. Teachers help them with additional learning resources like news paper cuttings, writing of journals and initiate curiosity in acquiring information and knowledge. The mentor-teacher also counsels the learners so as to bridge the gap of different sensibility that ensure intellectual and emotional inclusiveness. Student's queries are addressed through social media.

Volunteering:

Students participate in blood donation camps, clean, green campus drive and various activities organized under NSS, NCC and Youth Red Cross which are the means to instill a sense of responsibility among the students.

Participative learning:

The students are engaged in the participative learning activities such as group discussions, study tour, industrial and field visits. These activities improve leadership skills, inter-personal relationships and communication skills thereby promoting critical thinking and sense of social responsibility. Participative learning is also enhanced by participation of students in the University and State level seminars, workshops, conferences & sports activities.

Problem solving methodology:

In addition to experiential and participative learning Institute adopts problem solving methodologies in classrooms for all the students.

Teachers use ICT enabled tools including online resources for effective teaching and learning process.

The college has provided personal computers with internet facility to all the departments to aid teaching and make it more conducive, the Department of Computer Science, Mathematics and library have computers with internet facility. The college has LCD projectors mounted in class rooms, seminar halls and auditorium. Overhead projector facility is available in the all the departments. During pandemic the teaching faculty used online resources like Zoom, Google meet, YouTube and, WhatsApp. Teachers uploaded videos of important topics on YouTube. Thus the growth of communication technology, computer networks and information technology offers enough opportunities for effective teaching and learning.

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 87.41

2.4.1.1 Number of sanctioned posts year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
54	54	54	54	54

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 27.97

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	14	12	12	14

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The evaluation mechanism in our Institute provides transparency in the Internal Assessment. The

evaluation system deals with the examination that can be categorized both as internal and external. The internal tests are conducted by the college and external are conducted by affiliating University. In case of any grievances related to the examinations, they are efficiently managed. In case of Internal Examination a stipulated time is given for the students to consult the respective teachers to clear their queries regarding their evaluated answer scripts. Our college has an Examination Committee which conducts transparently and meticulously IA tests for students. The process of conducting Internal Assessments (IA) test is transparent and effective which is designed as per University guidelines. Institute conducts exams for Non-CBCS, CBCS and NEP as per University norms. Time table is set and displayed well in advance for the convenience of the students.

In Non-CBCS mode two theory Internal Assessments for twenty marks is conducted, evaluated and reduced to ten marks and the average of two internal IA marks is considered, students are also assigned one Home Assignment for ten marks. IA and practical marks are uploaded on the University portal.

In CBCS mode two theory Internal Assessment tests are conducted for twenty marks, evaluated & reduced to ten marks and addition of two IA test marks are uploaded.

In both CBCS and Non-CBCS ,for the all subjects' internal practical examination is conducted at the departmental level based on the different parameters such as attendance, performance, practical records and viva -voce.

In NEP(formative) mode two theory Internal Assessment tests are conducted for twenty marks, evaluated and reduced to ten marks. Seminar/Activity and Home Assignment for ten marks are also added to IA marks. Internal practical test for twenty five marks is conducted. All the IA marks of the students are displayed on the departmental notice board/ WhatsApp groups. For the all subjects' internal practical examination is conducted at the departmental level based on the different parameters such as attendance, performance, practical records and viva -voce.

Students performance in the Internal Assessment enables the faculty to identify slow and advanced learners based on which students are encouraged to improve their performance by mentoring/counseling.

Students are given sufficient time to raise their queries/doubts or point out any discrepancies. At the primary level, these issues are addressed by the teaching faculty of the specific paper.

The Semester End Examinations are conducted in the college as per the scheduled time table and answer scripts are posted to the respective coordinators of the affiliated University. For the practical examination, external examiners from other colleges are appointed by the University for the sake of transparency. As soon as results are announced by the University, the students are given an opportunity to apply for a review of their answer scripts if they are not satisfied. Students can apply for recounting/revaluation/challenge valuation and to apply for the reprography of the answer scripts within the stipulated time.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

B.Sc. Degree program was successfully implemented incorporating Program Outcome (POs), Program Specific Outcome (PSOs) and Course Outcome (COs) for two year syllabi B.Sc I, II, III and IV Semester under NEP 2020 prescribed by Karnatak University Dharwad over last two years.

Program Outcome (POs) are extensive assertion that depicts the skill achievements which the program aims at is accomplished by students on completing the program. POs integrate relevant areas of interconnected awareness through Open Elective Course (OEC) and Skill Enhancement Course (SEC). POs thus facilitate proficiencies and individual attributes attained by the students during their tenure of graduation.

Program Specific Outcome (PSOs) are distinctive aptitude requisites and activities fulfilled by students at the end of the program such as practical oriented experimental knowledge, home assignment and seminars that are carefully extracted from Discipline Specific Core Course (DSCC) syllabi by the faculty and approved by heads of the departments.

Course Outcome (COs) are straight forward statements that designate the fundamental and long term subject knowledge, capabilities and competencies that student stakeholders acquire inclusive of the depth of learning that is projected upon completion of the course. The course outcomes are clearly defined for each discipline and languages within the frame work of prescribed syllabi.

Relevant information regarding Program Outcome (POs), Program Specific Outcome (PSOs) and Course Outcome (COs) are displayed on the college website, hand books and given clarity through counselling for parents and their wards by the admission committee. The Concept of Outcome Based Education (OBE) gravitates towards shaping students from rural background to become intellectually proficient, socially responsible and professionally ethical.

The assessment of student learning outcome was done by direct & indirect method.

Direct method: Evaluation of PO and CO was considered by this method based on the Continues Internal Evaluation (CIE) and End Semester Evaluation (ESE).

Another area of PO attainment is in achieving experiential learning in the form of organizing/participating in events like workshops, seminars & conferences.

The statutory committee of the college scrutinizes the results and interact with the student community to take their feedback in terms of PO & CO attainments.

Indirect method: Student feedback on curriculum, teachers and existing facilities obtained and shared with the departments so that relevant changes if any are discussed and resolved.

File Description	Document
Upload Additional information	View Document

2.6.2 Attainment of POs and COs are evaluated. Explain with evidence in a maximum of 500 words

Response:

CO is integrated with POs with respect to building of knowledge and its effective utilization for the society as a whole.

Measures:

1. Semester End Examinations (SEE): This is a direct evaluation in which University conduct examination as per semester system, through which the Institution measures POs of the programs.

2. IA test: At the Institutional level students are assessed and evaluated throughout the year & the performance is analyzed for the attainment of POs and PSOs.

3. Feedback Evaluation: Institution collects feedback from the stakeholders with an objective of identifying the impact of teaching – learning process.

4. Placement: The employability of the student depends on successful completion of their degree programs.

5. Higher studies: The progression of students to Higher Education is another form of attainment of POs, COs & PSOs.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

Response: 71.3

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
170	171	205	152	117

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
240	250	244	224	185

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:** 3.68

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The academic syllabi prescribed by the affiliating university provides ample scope for the dissemination of knowledge and serve as incubation centers in diverse subjects and related areas as follows:

English – Literature texts by noted Indian authors namely, R K Narayan, Mulkraj Anand, Kushwant Singh introduce our students into the rich heritage of Indian folk and mythology through short stories that carry a moral and sensitize our students on societal issues such as untouchability and caste system.

Chemistry–Concise information is provided on the role of organic and inorganic compounds used in pharmaceuticals in addition to drug prototypes and food additives/preservatives that are employed in formulation of Ayurvedic medications

Zoology – Project and field studies are undertaken by our students and thereafter prepare reports that are awarded credits in internal assessment and practical examinations. Awareness in biodiversity and sustainability, environmental pollution, economic Zoology, conservation of natural resources, wildlife and rights for the protection of endangered and threatened flora and fauna are included as practical modules that involve geographical mapping and location of species of

importance for their preservation and procreation.

Biotechnology and Industrial Microbiology –a. Study of extraction of active principles from horticultural products namely grapes, apples, banana etc for treating ailments and for use as health supplements, b. Study of soil structure and agronomical properties c. Study of industrially important micro-organisms and their importance in food and beverage production d. Health benefits of organically cultivated mushrooms are some areas that enlighten our students in modern biotechnological and microbiological trends in crop cultivation and production.

Electronics – In an era dominated by digitalization, artificial intelligence and robotics, our students are given innovative information on novel technologies such as use of microcontroller processors in programming arithmetic and logical operations for domestic equipments like washing machines including programmable robots used in automobile industries. Technology driven experiments equip our students in the functional operations using Arduino, an open-source electronics platform based on easy-to-use hardware and software employed to design and build digital thermometers, to read inputs like light on a sensor, a finger on a button, publishing online content such as Twitter message. It is noteworthy to mention here that Prof Anoop Theophilus, Head of the Electronics department was appointed by the government of Karnataka as member of the committee constituted to frame NEP syllabus.

Mathematics and Computer Science – Information ranging from the seminal contributions made to mathematics by Indians namely Aryabhata, Bhaskara, Brahmagupta, Ramanujan and Radhakrishna Rao to the advancement in digital mathematical methods using computer software and skill to write programs in computer languages like C, C++ and Java are available for our students to broaden their knowledge horizons in mathematical and computer sciences.

Proposals for setting up an Intellectual Property Rights cell and Indian Knowledge System (IKS) to encourage interdisciplinary research shall be initiated in the coming academic semesters.

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 2

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	2	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.07

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	6	3	3	4

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	1

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Our Institution engages in organizing a number of extension programs and activities with the prime aim to inculcate a sense of awareness towards citizenship and social responsibility among our students. These programs are infused with constitutional relevance to integrate the neighborhood in particular and community at large and sensitize students on Social issues for holistic development in a democratic setup. Outreach programmes ushers awareness and creates a harmonious ambience that benefit the students as well as the Community. Extension activities encapsulates community development, as in observance of 'Sadbhavana Diwas' to promote goodwill among the people. Adult Education and Literacy programs conducted envisage the ability to read, write, listen and speak any language and the outcome reflects basic literacy, knowledge of civic needs, personal hygiene and occupational skills. Our college being a co-education institution imparts the tenets of gender sensitivity and encouragement of social etiquette through awareness on gender equality that underlines the purpose of gender sensitization programs. The Induction Program conducted at the commencement of academic semesters creates an atmosphere of discipline by passing on a clear message that no act of ragging is permissible on the college premises. The Discipline Committee takes precautions to prohibit any misconduct by students by way of words spoken Or written or mishandling of any fresher or lady student. The Ladies Association and Debate Union arrange talks by prominent speakers on anti ragging, protection of women against sexual harassment and domestic violence, prevention of atrocities against women. Street skits are organized to enact the adverse effects of dowry and need for educating the girl child. Some selected extension and outreach programmes organized over the last five years are: A rally to commemorate 155th Swami Vivekanand Jayanti on 12-01-2019 and 72nd Death Anniversary of Mahatma Gandhi on 02-01-2020. Campaigns, orientation and training programs were conducted to sensitize the students on Human Rights and Indian Constitution. Vanamahotsava programme (Tree plantation) was organized to augment the greenery of our college premises. Our students participated in the National Road Safety Week organized by the Commissionerate of Police, Hubli – Dharwad. Independence Day and Republic Day are important days in India's history and they are celebrated every year to commemorate our freedom from British rule. These historic days were observed and inspirational speeches were delivered by the Head of the institution. Cultural programs to emphasize the role of teachers and students in upholding Constitutional values and in nation building added value to national days celebrations. Following the covid-19 pandemic, an awareness rally was organized on Standard Operating Protocols (SOP's) among the student and neighborhood community. The 75th mile stone Independence Day of India was celebrated with unfurling of the National Flag from 13th to 15th August 2022 as per the guidelines issued by the Government notification titled "Azadi ka Amrit

Mahotosava". Our College organised functions and competitions to bring out the nation's post-independent journey. A joint celebration of all Institutions with President and management members of Basel Mission Higher Education Center, Dharwad was organised on 15th August 2022.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Mr. Shivayogi Haveri: NSS volunteer in Kittel Science College Dharwad from 2019 to 2021. He was instrumental in planting 1300 trees. He was an active participant in blood donation programs. He has arranged more than 3001 lifesaving blood donations for acute and needy patients. He puts up a requirement for needy patients on his WhatsApp status every day and sometimes at midnight and from far places. His contact details are made available on the notice boards of SDM Hospital, Government Civil Hospital Dharwad and KMC Hospital, Hubballi for the general public. Mr. Shivayogi's NSS motto is "Not me but You". In appreciation of his valuable services towards NSS, he was awarded the Dr D C Pawate Award in 2021 by The Honorable Vice Chancellor Dr B Gudasi. (It is noteworthy to mention that Late Dr D C Pawate was awarded Padma Bhushan from the Government of India in 1967. He served as a former vice-chancellor of the Karnatak university Dharwad, and as the Honorable Governor Of Punjab). Mr. Shivayogi Haveri is also the recipient of State NSS Award that he received from The Excellency the Honorable Governor of Karnataka Shri Thawar Chand Gehlot. He is the recipient of the State Youth Award in the year 2021 from karnataka folklore President and Kannada Sahitya Parishat and Bharathiya Seva Award from Salumarada Timmakka. **Mr. Christon Gonsalves:** Student of our college won the 1st prize of Rs 10,000 and a certificate in a State level Online seminar competition organized by Karnataka Science College, Dharwad on the topic "Effect of Covid on Education in India", January 2021. **Mr. Xavier Santan Gama:** Assistant Professor of the Department of Physics, is the recipient of the Best Faculty Award in the International Scientist Awards on Engineering, Science and Medicine held at Goa of March 2021 organized by VDGGOOD a non-profit organization. He has also completed the Organization Mission and is now an active member of the same. **Faculty members of the National Education Policy (NEP) Committee to frame Syllabi.** It is a matter of pride for our college that **Dr R.Y Katti**, Former Head of the Department of Botany, **Dr R Christopher** Principal & Associate Professor, Department of Mathematics and **Prof Anoop Theophilus**, Head of the Department of Electronics were appointed as members of the committee constituted by the Government of Karnataka to frame the National Education Policy (NEP) syllabi introduced in the year 2021-22. Their yeomen efforts have resulted in framing a contemporary and comprehensive theory and practical syllabi for Discipline Specific Core Course (DSCC), Open Elective Course. Dr. G M Patil, Head of Mathematics department was nominated by Honorable Vice Chancellor to the Faculty of Science and Technology, Karnatak University from 2021-23.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 36

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
9	10	9	0	8

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 2

File Description	Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Our Institution is situated in the heart of the city. 5406 sq.mt is the built up area across the 3.24 acres of land. The main building accommodates the administrative block which comprises the administrative office, Principal's chamber, IQAC hall, language staff room, library with reading rooms, auditorium, conference hall, Kittel College Employees Co-operative Society and NSS room. The office is fully computerised. The New Block comprises the Mathematics laboratory, Ladies ' rest room , Management office and 20 class rooms. 07 classrooms are LCD enabled, 2 seminar halls and 2 auditoriums. There is a separate room for the execution of exam work. Each department has two or more laboratories that are well-equipped. Most of the laboratories are connected with uninterrupted power supply through solar energy and generator. Rare specimens are preserved in the museums of the department of Zoology and Botany. The Botanical Garden also has rare and medicinal plants.

Classrooms: There are 20 spacious and well-lit classrooms with large sized glass boards, desks and podium. 07 classrooms facilitate ICT mode of teaching.

Laboratories: There are 16 laboratories that are self-sufficient (02 computer science,04 chemistry,01 Mathematics,02 Physics,02 Botany,02 Zoology,01 Bio-technology,01 Industrial Microbiology and 01 Electronics).

Computing Equipment: The Institution has 66 computers which is distributed in accordance to the requirements of each department, office, library and Principal's chamber. The computers are connected with internet facility and is subsequently used in the teaching -learning process.

Library: The library is an important source of learning and the institution has taken the initiative to update its resources and make it fully automated. There are over 22 thousand books on varied subjects, 50 periodicals, and a browsing centre with 09 computers, a scanner and a photocopying machine. Kittel's Corner is a unique feature of the library that show cases the literature and contribution of Rev.Dr.Ferdinand Kittel .The placement and Guidance Cell operates from the library.

Indoor games and Multi-Gym: There is facility for indoor games like carom, chess and table-tennis .The playground is maintained for outdoor games, physical exercise and yoga. The multi-gym facility is provided only for the students of our college.

Hostel: The Hostel for boys and girls is well maintained. The intake of inmates is 120

College Canteen: The canteen is maintained and provides snacks and lunch at an affordable cost for staff and students.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 100

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
13.32	41.27	51.70	45.78	21.80

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The library has a rich collection of books and is in keeping with the demands of the present and the future. Right from the inception of the college in 1968 the library has served as a source of information and a store house of knowledge. The seating capacity in the library is around 200 for reading as well as for a conference. Library is automated with subsystems like LAN connectivity, OPAC book search system with location and manual search system using catalogue. College subscribes for INFLIBNET N-LIST and access provision is extended to staff and students. Library advisory committee is headed by the Principal as

chairman followed by the librarian, a senior staff member as convenor and a student as secretary. The committee looks into the maintenance of books and damaged books are bound for further use. The books are insured under United India Insurance Company Limited. New books are purchased according to the requirements of each semester. At the start of each semester a meeting is convened to upgrade the existing infrastructure, UGC book bank, Braille books, periodicals and journals. The library also has facility for photocopying and provides newspaper, previous year's question papers and e-resource. Library management software is incorporated with latest technologies for the benefit of its users. The entry and exit of the students to and from the library is monitored through the movement register, Barcode online circulation system is also in practice. The digitization of the library through e-lib has resulted in the easy access of information from any computer in the library on a subject, author, account information on books borrowed and due date of return of books.

Website **www. kittelsciencedegreecollege.ac.in**

Name of ILMS software **e-Lib**

Nature of automation **Fully**

Version **20.2**

Year of automation **2021**

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

Response:

The Institution provides a range of IT facilities for the benefits of staff and students. Computer and internet facility can be used extensively. All the computers have the configuration of Dual Core i3 and i5 processor. Student computer ratio is 16:1. Usage of computers by the students in the department of computer science, mathematics, electronics and library are 48. Rest of the computers are in use in the departments and office.

Internet facility: The growing demand for information implies greater usage of internet. Therefore the college has introduced LAN to all systems in the department of computer science and mathematics with BSNL OFC internet connection with the speed of 100 Mbps. The college has three updated servers for smooth functioning in the library office and to all the departments.

ICT Enabled classrooms:

The institution has adopted ICT based methodologies in teaching - learning. The 07 ICT enabled classrooms and 04 laboratories with portable projectors for the dissemination of optical learning.

CCTV facility: The Institution gives importance for the security of staff and students and all the stakeholders. So the entire campus is equipped with CCTV camera.

Software infrastructure: IT facilities are regularly upgraded in the administration. Latest version of admin software is used in administrative office in order to bring transparency in the admission process and accounting. The library is automated with e-lib software and OPAC - book search system with location.

Features of e-Lib

- Fully flexible multi user and multi lingual
- Supports more than 10 lakhs of records
- Fully integrated high data security
- Inbuilt bar code generation
- Print outs in desired formats
- Various report generation
- Periodicals and Journal subscription
- OPAC support searching books, Journals and transactions
- Circulation
- Barcode facility

File Description	Document
Upload Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 16.31

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 48

4.4 Maintenance of Campus Infrastructure**4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)**

Response: 58.78

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
10.89	21.16	26.97	26.976	16.211

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 48.5

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
387	409	345	334	421

File Description	Document
Institutional data in the prescribed format	View Document

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: C. 2 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 2.07

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	81	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1. Implementation of guidelines of statutory/regulatory bodies**
- 2. Organisation wide awareness and undertakings on policies with zero tolerance**
- 3. Mechanisms for submission of online/offline students' grievances**
- 4. Timely redressal of the grievances through appropriate committees**

Response: C. 2 of the above

5.2 Student Progression**5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years**

Response: 25.41

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
48	60	57	63	69

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
250	240	255	232	192

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 1.38

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2021-22	2020-21	2019-20	2018-19	2017-18
1	8	2	1	0

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 11

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4	1	3	3	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 108.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
117	82	130	157	56

File Description	Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

Alumni Association has a registered body bearing No DRDW/SOR?91/2023-2024. Dr R Christopher, Principal Kittel Science College being the Chariman of the Association is assisted by Smt Savita Nandikeshwar, Principal Kittel Science PU College Dharwad who is also an alumni of this Institution.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

Response:

Kittel Science College is managed by Basel Mission Higher Education Centre, Karnataka Northern Diocese, Church of South India and was established in the year 1968. The Institution is placed in the heart of the city and is built in the name of Rev. Ferdinand Kittel and is working continuously since the past five and half decades for the betterment of society by giving best learning atmosphere with building of character and knowledge of spiritual truth.

Vision:

He is the wisest who seeks God

He is the most successful who has found God

Enthused by the Sermon on the Mount by Jesus Christ

Our institution stands by the principle

SEEK AND YE SHALL FIND

Mission:

Scholarship, Fellowship, Leadership.

The Institution follows an effective and balanced system with curricular, co-curricular and extra-curricular programs. It is committed to serve the society by upholding and providing education to all communities as a service to mankind.

The Principal with the guidance of the Management is the authority for all major decisions for progress and development of the institution. The Principal translates information and instructions from the Management to the staff by conducting meetings for HOD and staff regularly. Important committees like building, purchase, hostel etc. are constituted.

As lady students form the major strength, the institution ensures empowerment through association like ladies association, lady counselor, grievance redressal cell and anti-ragging cell. The college has decentralization and participative management for smooth functioning, each staff is interested with specific responsibility based on experience and expertise. The Principal is the academic as well as administrative head followed by departmental heads, followed by teaching and non-teaching staff. Student Representative Council is constituted including committees like IQAC, Library, Sports, Discipline, Debate, Fine arts, Career Guidance, Placement, NSS, Examination etc. Students are selected as secretaries and joint secretaries and take active part in all activities of SRC thereby increasing their confidence and leadership skills. Our Institution also has an active Staff Association which arranges functions as needed. Fare well function is arranged for teaching and non-teaching staff on their superannuation to appreciate the valuable service rendered by them to the institution. The institution has developed a mechanism for promoting participation in community services and extension activities through NSS, NCC and Youth Red Cross Wing. The heads of various departments take care of department infrastructure, student attendance, workload, syllabus distribution and review of teacher's diary. Evaluation process consists of continuous assessment of Internal Test, Home Assignments, Practical Test and Projects. The marks obtained are displayed on notice board and is also maintained in the departments and office. Annual Social Day is celebrated every year in which cash prizes, certificates of merit and awards are presented to the winners in various competition conducted throughout the year. The best student of the college is selected on the basis of a well-defined criteria and felicitated on this occasion. The infrastructure is extended to various departments in the government to conduct competitive exams like UPSC, KPSC, NET, SLET etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The Institution has a well-organized administrative structure guided by the BMHEC's Management which is the highest authority in faculty appointment, framing policies and its implementation. The President and Governing body regularly visit the college and motivate the staff to shoulder the assigned responsibility with dedication and commitment. The BMHEC's Management provides qualified and competent human resource for smooth functioning of office, library, departments and other services. Qualified and competent temporary teaching and non-teaching staff are recruited against the sanctioned posts for efficient functioning of the Institution. In addition to the Code of Conduct of Karnataka Civil Service Rules (KCSR), all staffs are bound to follow the Management guidelines strictly. The Management issues No Objection Certificate to the members of the staff in lieu of overseas visit. The Principal monitors day to day administrative proceedings including Human Resources and Management System (HRMS), K2 and other service matters. Under the leadership of the Principal various committees are constituted and their

functioning is monitored by the Principal and Conveners of the respective committees. Information and Communication Technology (ICT) facilities are used for effective teaching and learning and seven lecturer halls are installed with LCD facilities. The office and library are well equipped with reprography, Wi-Fi facilities and adequate electronic gadgets, E-lib software and Web OPAC offer digitalization. Movement registers enabled with bar code are installed and utilized for issue of books. All pertinent information of students and staff are systematically stored in neatly bound files and also in data bases of office systems. Annual college magazine called 'ANVESHANE' (Discovery) is published every year and provides a platform for students to facilitate contemplation on issues of national and global interest and present their articles. Kittel Science College completed 50 years of successful academic existence and the year 2017-18 was celebrated as 'Golden Jubilee Year' during which an infrastructural extension in the form of three storied new building that houses, indoor sports, Physics lab and extension of library. College campus is rendered eco-friendly by celebrating 'Vanamahotsava'. The President of the Management, Trustees, Principal, teaching and non-teaching staff and some students planted the saplings to facilitate green audit of the campus. Mathematics workshop was conducted on 19th November 2021 and an extensive discussion was held on newly introduced practical SCI Lab and MAXIMA.

Karnataka University Botany teachers conference was held on 21st November 2021.

The Chairman of Karnatak University was the chief guest and resource person. He presented the detailed curriculum under NEP syllabus followed by a fruitful interaction with the invited delegates. A milestone event Azadi Ka Amrit Mahotsav was organized jointly to commemorate the 75th Independence Day. The tricolor was hoisted for three days from 13th to 15th August 2022 and the United flag hoisting ceremony in the presence of the Bishop and President along with the Secretary, Trustees and Principals of our sister institutions graced the function. The entire college campus was beautified, decorated elegantly and brightly illuminated.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2.2 Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

6.3 Faculty Empowerment Strategies

6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

. Faculty adhere to a calendar of events and academic plan comprising conspectus, monthly unitized teaching plan and chapter wise lesson modules for efficient knowledge outsourcing and timely completion of allotted workload. A written record of faculty performance appraisal is achieved through work diary that serves to record details of daily conduct of academic curricular, co-curricular activities as per the time table and assigned work load including engaging extra class and leave records. The work diary perused and signed month wise by the head of the department and Principal. Students feedback on faculty appraisal is analyzed and communicated to initiate remedial measures for holistic improvement.

2 and 3. Effective welfare measures for teaching and administrative staff - A thriving ambience is provided for professional growth of faculty in stature and ethics by enacting the following measures: The Management provides resolution for staff to avail time bound promotion benefits and annual increment. Provident fund and Employees State Insurance (ESI) is provided for management staff. On Official Duty (OOD) leave to attend academic and research programs and earned leave are availed on health issues/long term travel. The registered Kittel's Employees Co-operative Society aims at lending short and long loans for personal financial benefits. Multigym and sports room are equipped with indoor games for personal physical fitness and canteen serve healthy meals for all personnel. The college office is provided with computers programmed with office automation software. Maternity and paternity leave as per KCSR service rules are extended for all staff. Housekeeping staff enjoy the benefit of annual festival bonus in addition to perks during the conduct of on-campus competitive exams.

4. Career development/progression - Career Guidance and Placement cell invites resource persons to deliver talk on opportunities in state/civil/government services and NGO's. Our students are successfully recruited into Karnataka State and Reserve Police, Department of Health, Department of Public Instruction and Karnataka Fire and Emergency Services.

File Description	Document
Upload Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 1.27

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	0	0	0	0

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Our Institution has witnessed multidimensional growth in enrolment and infrastructure during the last six decades. The combined efforts of the Management and institutional head has yielded a sizable measure of teaching-learning resources. Strategies for mobilization and optimal utilization of resources. At the outset, careful planning and usage of movable and immovable infrastructure enables collective inter-department

partnership that offers maximum benefits for our student stakeholders. Transparency and administrative governance take prime priority in preparation, allocation and disbursement of annual budget that is undertaken to augment, replace and renew infrastructure, library resources, departmental requirements for optimal conduct of student centric activities. A purchase committee constituted for uniform representation adopts regular scrutiny of requisitions and proposals that are tabled, thoroughly deliberated and recommends for approval by the Principal. Tuition and allied fees of students are collected as per university and Government norms. Financial statements and records namely cash books, ledgers, vouchers, utilization certificates are kept in custody of the college account section.

1. Government organizations

Funds availed from the Government are used for departmental upgradation, purchase of books, journals, periodicals and infrastructure development. Salary grant, arrears and benefits are received from the state Government. The college accounts caseworker prepares the annual budget statement for the fiscal year that is approved and implemented by the Regional Joint Director.

b. Non-Government organizations

Departments like Industrial Microbiology, Biotechnology and Computer science are self-financed. The Institution ensures judicious utilization of financial resources to conduct quality enhanced activities and academic development. Financial assistance is provided by the Management towards salary of housekeeping and maintenance staff, building construction and renovation. Cash prizes instituted by our staff members are awarded to students who score highest marks.

c. Financial audit

Annual income and expenditure statements are regularly subjected to internal audit by a Chartered Accountant appointed by the Management. External finance audit is under taken by office of Joint Director of Collegiate Education and subsequently by the office of Auditor General Bangalore.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Our college has evolved student friendly measures to institutionalize well defined quality assurance strategies and processes as summarized:

a. **Academic** – Implementation of the three syllabi a.Non-CBCS now phased out b. CBCS from 2019 c. NEP from 2020. Calendar of events is drawn up for 180 working days approved by the UGC excluding public holidays, national days.

b. **Curricular** – Faculty workload of 20 hours/week is in accordance with W-Prorforma and completion of allotted theory and practical syllabi is by adherence to the Conspectus and Monthly Unitized Teaching Plan CSP/MUTP updated with new and revised syllabus.

c. **Co-curricular** – Project work, industrial visits and study tours are organized by the department of Botany, Zoology, Chemistry and Bio-Technology to acquire working knowledge of industrial processes in addition to studying flora and fauna in their natural habitats.

d. **Extra-curricular** – Student centric activities are enlisted and organized by Associations of Student Representative Council to identify and encourage hidden talent. Students participate in NSS for community and neighborhood development, and Blood Donation camps through YRC.

e. **Faculty Research** – includes 16 research papers in peer reviewed international and UGCCARE journals, three research scholars awarded doctoral degree and one inter-institutional internship in addition to Botany Conference and Mathematics workshop.

Review of:

a. **Teaching process:** Alongside conventional pedagogy, blended teaching was incorporated during the Covid Pandemic using LMS (Learning Management System) Zoom, YouTube, Teachmint and MS Office. The college takes pride to state that 65 functional Google classrooms were planned to outsource learning resources to complete theory and practical syllabus.

b. **Learning process:** ICT enabled teaching methods facilitate learning is assessed through internal tests and augmented by solving question papers. Special needs of slow learners are catered through remedial classes and mentor system.

c. **Structures** – Theory and hands on practicals are structure based on lesson plans with review questions, home assignments promote the development of soft skills, power point presentation using MS Office tools to build confidence and deliver scientific talk.

d. **Methodologies of operations** – Well planned time table and academic calendar, feedback of staff through Performance appraisal system addressing - Syllabus completion, teaching pedagogy, communication, evaluation are successfully used as methodologies of operations.

a. Learning outcomes at periodic intervals is carried out by internal tests in theory and practical's, marks scored are communicated to the students and semester end examination are conducted to assess learning outcomes. Pass percentage for every semester is analyzed.

b. Some of the incremental improvement in various activities: Our students have won prize at University zonal level in Cross Country run (2017-18), National level in seminar competition (2018-19) and State

level prize in online seminar competition (2020-21) Mr. Shivayogi Haveri received the State NSS Award conferred by His Excellency Hon'ble Governor Shri Thawar Chand Gehlot. He won the State Youth Award, Kannada Sahitya Parishat and Bhartiya Seva Award. In 2019 our students won 4th place in National throw ball team event organized by United Arab Emirates (UAE) throwball championship and National level throw ball conducted by Throw ball Federation of India.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The Institution is a co-education Institution. One of the core values, 'Dignity', envisions gender equity, the foundation for empowerment and socio-economic transformation. Institute provides various facilities common to both genders, by including men and women in all the college-level committees to represent and to give their suggestions in solving the problems which disturb the students. All students have access to contact their mentors and council members. WhatsApp groups are created for each class to address their common difficulties.

Students are informed about the functions of the Sexual Harassment (Prevention & Redressal) Cell, Anti-ragging Cell and Grievance Cell and are instructed to contact these cells immediately when they encounter cases of harassment or ragging.

The College organizes events related to gender equity. Guest speakers from prominent fields are invited to speak on the given topic which highlights the importance and contribution of women in society.

The NSS, NCC, SRC and Sports Unit of the College provides equal opportunities for students to participate in the curricular, co-curricular and extracurricular activities conducted. Lady Representatives are appointed in the committees. There is also a post for Secretary of the Lady's Association in the Students Representative Council to take care of issues pertaining to lady students. Selection for Secretary is conducted on the basis of merit.

Institute takes care in providing faculty members for students who go out to represent the College. Women faculty members accompany the students to rural camps or any other activities in which lady students participate.

Ladies Association has organized various competitions and events to raise awareness of women's issues in the past five years. Poster-making, Rangoli, Mehendi and other competitions were organized. Women's sports has been organized during the last five years.

There is a spacious Girl's Common Room. The common room for lady girl students is provided with personal lockers, mirror, resting chairs and tables.

Separate ladies hostel is available for girls to provide a safe and spacious home-like environment for boarders.

CCTV cameras have been installed throughout the campus to monitor any untoward incident or behaviour. Staff and students have to enter the building with College ID card. The local police station is always kept informed whenever there is a large gathering of the students in the college campus so that they can respond swiftly in case of emergency.

Institute also has a dedicated staff, who provide counselling and support to students. Lady students can opt to meet counsellors and talk to them about their issues. Counsellors ensure confidentiality and hence students can openly share their problems.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: B. Any 3 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The Institution is dedicated to forming constitutionally informed people who are cognizant of their fundamental rights and obligations. National Cadet Corps (NCC) cadets are committed to instilling a "sense of patriotic commitment" towards progress of the country. Institute encourage students to take part in the celebrations of Independence Day and Republic Day. The Institution features a vibrant National Service Scheme (NSS) unit where volunteers participate in year-round community outreach programs that promote better cross-cultural and intercommunal understanding. On National Unity Day, we make a commitment to honor the illustrious heritage of national integration. To promote the ideal of the Swachh Bharat Abhiyaan. NSS Unit organizes cleanliness drives like Swachhata Pakhwada and also initiates the anti-plastic and recycling campaign. International Yoga Day has been observed by the college. Festivals are observed by the Institute with similar zeal.

The college magazine is published by the magazine committee and has articles in English, Hindi, Kannada, and Urdu. The library includes a book bank for SC/ST/OBC and other students who require extra assistance in English, Hindi, Mathematics, Computer Science, etc., One of the most serious and prevalent issues in rural areas is poverty. One of the main barriers to rural students is not been able to afford education. By charging regular fees during admission, our Institution is attempting to solve some of these issues. Given that more and more parents are sending their wards to our institution for higher education, this will undoubtedly increase the literacy rate. There are options for various government scholarships and Institution Scholarships for students.

Through debates and lectures held as part of competitions among the students, tolerance and harmony are promoted. Debates on topics of contemporary issues are organized by the Debate Union. For the purpose of raising awareness of the cultural diversity of the state and the nation, ethnic dress competitions and cultural competitions featuring folk songs and dances from various regions are held. In order to promote linguistic diversity, student events such as quizzes, essay writing contests, debates, and lectures are organized in English, Kannada, and Hindi. Students can learn the value of teamwork, event management, tolerance, and

harmony by participating as student volunteers and as contenders. Voter's Day was held on 25th January to educate the students about the importance of voting. The Youth Red Cross wing organized a health and hygiene awareness rally in the village of Managundi. Drinking water hygiene Programme was organized at Urdu Government High School in Navalur. In Managundi village, a street play about the significance of voting was presented. On International Day against Drug Abuse and Illicit Trafficking, a rally was organized. At Shruti PU College in Dharwad, a campaign called "Donate Blood and Serve Humanity" was organized.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

Best practice 1

To encourage eligible and deserving students following prizes are instituted by the Institution

1. Students securing first three ranks to the college at B.Sc-III year Examination conducted by KUD, are awarded cash prize
2. Best Student Award: A student from B.Sc III is selected based on overall performance.
3. Late Shri.R.S. Bangera Memorial Prize: A cash prize of Rs.500/- is awarded to a student securing highest marks at B.Sc. III year examination instituted by Smt.E.R. Bangera and family.
4. Shri. G.C. Hiremath Endowment Prize: A cash prize is awarded to a student securing highest marks at B.Sc. III year in Electronics.
5. Late Smt. Sunanda Rameshchandra Endowment Prize: A cash prize is awarded to a student securing highest marks in PUC second year and continues her studies in B.Sc.-I in this college.
6. A cash prize is awarded to lady student securing highest marks at B.Sc. III year in Physics. If no lady student is available then it may be awarded to a male student.
 1. Late Shri. Bapat Endowment Prize: For the best student of the year at B.Sc. III year examination
 2. Late Shri. Andanappa N Kappali Memorial Prize: A cash prize is awarded to a student securing highest marks in Botany at B.Sc. III year.

Late Shri. Krishnamurthy Akalwadi Prize: A cash prize is awarded to a poor and deserving student who scores more than 50% in PUC Second year and continues his/her studies in B.Sc.-I in this college. The selection of the student is done by the concerned authorities of the college,

- Shri. H.R. Narsimhamurthy Endowment Prize:

For a student scoring highest mark's in Physics at B.Sc III year examination.

- Late shri. D. Suresh Endowment Prize:

Three cash prizes are awarded to

- Men's General Champion in Athletics
- Women's General Champion in Athletics
- Best Student of the College
- Late shri. M.N. Dharwadkar Cash /Endowment Prize: A student scoring highest marks at B.Sc III year

Best practice 2

On 28th August, 1985, the Institute registered a co-operative society under section 7(seven) of the Karnataka Co-operative Societies Act 1959 with the name Kittel College Employees Co-operative Credit Society Limited-Dharwad. The main goal of this society is to advance the interests of all of its members in order to achieve their social and economic improvement through self-help and mutual aid in accordance with cooperative principles.

- Teaching and non-teaching staff of sister institution of the campus are eligible to join the society and have access to all the services of the society.
- In case of a members of society's demises, the share amount is return to the immediate family
- If required, on the demise of a member, if any loan has to be returned then a percentage of the loan is waived off on compassionate ground.
- The maximum credit amount offered to members is 2.5 lakh rupees.
- Loans are offered both long and short-term depending on the needs.
- Members have the option to keep their membership active after retiring.
- The announced dividend is proportionate to the amount paid on shares and is given to the individual whose name appears as the registered shareholder in the Society's records.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

NSS Unit: Students at Kittel Science College Dharwad have the opportunity to participate in community service projects and thus are involved in the process of nation building. It is an association of young people, who work towards campus-community linkages.

The NSS unit of our Institution has 100 volunteers, with due representation for girls. This ensures that everyone has an equal opportunity to participate in community service and contribute to nation-building. The NSS volunteers of our institution not only help the community but also develop their personality through community service. They develop leadership, communication, and teamwork skills, which are essential for their personal and professional growth.

The NSS unit of our Institution organizes Vanamahotsava and tree plantation programs like Swachhata Pakhwada and Vanamahotsava creating awareness about the issues of the environment among the students and measures needed to protect it. It also sensitizes the students to take part in the environment and sustainability related activities.

Every year the Annual Special Seven Days NSS Camp is held in the adopted village and carries out extension activities like Swachhata Abhiyaan, tree plantation, street plays, awareness programs, toilet construction etc., and educating the rural people on government schemes for their development and thereby sensitize our students on social issues. This camp is attended by 50 students every year. Through these activities students develop a social connection with the villagers. The Institute involves the NSS Programme officer to keep a track of the extension activities towards the community which the Volunteers are involved.

NSS unit of our College encourage the students to participate in the Independence Day and Republic Day celebrations. The institution has an active National Service Scheme (NSS) unit where volunteers engage in community outreach activities throughout the year which foster greater cultural understanding and community harmony. National Unity Day is observed with a pledge to celebrate our glorious history of national integration. Such activities help our students to become responsible citizens of this country. NSS programme officer and advisory committee and volunteers also work for the benefit of the downtrodden and weaker sections of society.

Death anniversary of Mahatma Gandhiji (30 January), Baba Saheba Bhimrao Ambedkar Jayanti (14 April) and Vivekanand Jayanti (12 January), commonly known as National Youth Day, are also observed.

NSS volunteers of our college participated in the procession organized under the auspices of the 84th "Akhil Bharata Kannada sahitya Sammelana". During Covid-19, NSS Unit organized activities like awareness rallies, mask distribution, food distribution and vaccine awareness rallies.

Our Institute NSS Volunteer Mr. Shivayogi Haveri has played a significant role in the planting of hundreds of trees and is an active participant in the drive for blood donation. He organize blood donations for critically ill patients and he has assisted more than thousands blood donations. In order to facilitate quicker coordination and communication, he places a request for blood for critically ill patients on his social media platforms. His contact information is available in blood banks of Dharwad.

The participation, awards and accolades received by **Mr. Shivayogi Haveri** are listed below

- Participated in held at NSS Bhavan in Bangalore on 24-1-2020
- Participated in National Integration Camp and Secured **III place in singing**
- Awarded as the **University level Dr.D.C. Pavate Best NSS Volunteer for year 2019-20**
- Participated in the **State Level Youth Festival** from 12-10-2018 to 16-10-2018
- Participated in **University Level Leadership Training Camp** from 07-01-2020 to 13-01-2020
- Participated in **National Integration Camp 2021**
- Participated in **state Level seminar.**
- Participated in University Level **one day study camp.**
- Participated in **District Level one day workshop** on 01-10-2019.
- Participated in **State Level Golden Jubilee Cultural Integration Festival 2020.**
- Secured III place in **National Integration Camp 2020**
- **1st place in (Integration Dance)** National Integration camp held at NSS Bhavan, Bangalore University from 24-01-2020 to 30-1-2020
- Awarded as the **University Level Dr. D.C. Pavate Best NSS Volunteer** for the year 2019-20 in recognition of his meritorious service rendered in the field of NSS
- On seeing the contribution of work of Mr. Shivayogi Haveri, Haveri district awarded Mr.Shivayogi as **Rajya Yuva Prashasti** held at Ambedkar Bhavan ,Haveri on 07-08-2022.
- Won **STATE YOUTH AWARD** in **NSS activities** competition held on the occasion of 75th Independence Day Celebration on 15-08-2022.
- Worked as Member of organising Committee in National Integration Camp-2022 held at Karnataka University, Dharwad from 21-02-22 to 27-02-2022
- Participated in the State & National Pre-RD Parade Selection camp held at Karnatak University, Pavate Nagar, Dharwad-580003, Karnataka from 09-12-2020 to 12-12-2020
- Secured **III prize (INTEGRATION SKIT COMPETATION)** in the National Integration Camp held at NSS Bhavan Bangalore from 2020.
- Participated in the **State Level NSS Youth Festival** at Manasollasa Auditorium Karnataka University Dharwad.

Social Media Platforms of Mr. Shivayogi Haveri

Shivayogi NSS 2021: <https://instagram.com/shivayogihaveri?igshid=ZDdkNTZiNTM=>

Shivayogi NSS 2021: <https://twitter.com/HaveriShivayogi?t=uQxQ5apVxLrbT3h1QStq7Q&s=08>

Shivayogi NSS 2021: WhatsApp number 7259764140

Due to Covid restrictions in 2020-21, the NSS unit was unable to host a camp.

In conclusion, the National Service Scheme at Kittel Science College in Dharwad, offers students a fantastic opportunity to participate in community service and support the development of their country. The NSS Programme not only benefits neighborhood, but it also aids in student's personality development and acquisition of life skills.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Kittel Science College, Dharwad has recorded substantial growth in strength and stature since its inception in 1968. The Institution has devotedly served the rural regions of north Karnataka and integrated the economically and socially deprived youth into the mainstream education.

The endurance and resilience of stake holders steered the institution to the completion of 50 glorious years as a center for undergraduate studies in Basic and Life Science. Golden Jubilee celebrations was earmarked with the dedication of “New Block” an infrastructure extension for the benefit of future students.

Our Alumni hold key positions in Central and State Government departments, Police, Armed and Defence forces, Educational institutions, Banking and IT sectors.

Concluding Remarks :

Concluding Remarks:

The Principal, Teaching, Non-teaching faculty and students take the privilege to place on record their deep sense of gratitude to the President and Trustees of Basel Mission Higher Education Centre, Dharwad for their unceasing support and encouragement towards the infrastructure and professional advancement of the college.

The grant of affiliation by Karnatak University, Dharwad, sanction of funds by University Grants Commission (UGC), Delhi and certification of quality initiatives for multi-dimension institutional performance by the National Assessment and Accreditation Council (NAAC) have ensured outcome based education and scientific research with the potential for successful career and professional progression of our staff and student beneficiaries.

This Self Study Report is the culmination of intellectual deliberations and fruitful suggestions put forth by the keen participation of the Management members, Principal, Criterion conveners, Heads of Departments, Teaching, Non-teaching, Administrative staff and Students of our College.