



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		Kuvempu University
Name of the head of the Institution		Prof S Venkatesh
Designation		Vice Chancellor(in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08282256301
Mobile no.		9449042909
Registered Email		vc@kuvempu.ac.in
Alternate Email		iqackuvempu@gmail.com
Address		Jnana Sahyadri Campus Shankaraghatta
City/Town		Shivamogga
State/UT		Karnataka
Pincode		577451
<b>2. Institutional Status</b>		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof N B Thippeswamy
Phone no/Alternate Phone no.	08282256301
Mobile no.	9731728364
Registered Email	iqackuvempu@gmail.com
Alternate Email	nbtmicro@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.kuvempu.ac.in/eng/NAAC4thCycle.php">http://www.kuvempu.ac.in/eng/NAAC4thCycle.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.kuvempu.ac.in/eng/notificati on.php?id=news">http://www.kuvempu.ac.in/eng/notificati on.php?id=news</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	A	3.05	2018	01-Sep-2017	25-Sep-2023
2	B	2.81	2010	04-Sep-2010	03-Sep-2015
1	Three Star	70	2002	12-Feb-2002	11-Feb-2009

<b>6. Date of Establishment of IQAC</b>	28-Jul-2006
---	-------------

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

WORKSHOP ON QUESTION PAPER DESIGNING FOR U.G. COURSES	28-Jun-2019 1	150
SPECIAL LECTURE ON NATIONAL EDUCATION POLICY	06-Dec-2019 1	90

L::asset('/', 'public') .'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status))}

[View Uploaded File](#)

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Biochemistry	DSTFIST	Department of Science & Technology, R&D Division, New Delhi	2019 2024	11700000

[View Uploaded File](#)

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Ø IQAC collected the feedback from Students, Alumni students, Parents and Teachers for the year 201920. The data were compiled and analysed and subjected for evaluation. Ø The Self Performance Appraisal Reports from the teacher were received and evaluated from the experts and submitted to the ViceChancellor. Ø The teachers were motivated for the improvement of the research quality through publications and collaborative research. Ø IQAC arranged and monitored the frequent visits of Universities authorities and senior professors to various departments to motivate the students Ø IQAC motivated the teachers to conduct classes for NET / SLET exams for the students in their departments.

[View Uploaded File](#)

**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Evaluation of Teachers Performance	Quality of publications drastically improved enhancing the citations and hindex of the University
Data collection and analysis of Students Feedback	Critical analysis of the teachers' performance was carried out and they were advised to improve their academic performance
Data for NIRF Ranking was submitted	The University obtained the ranking with in top hundred universities in India (maintaining All India Universities 73rd Rank )

[View Uploaded File](#)

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Syndicate	22-Sep-2023

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

04-Jun-2020

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The University has adopted the ICT software provided by the Higher Education Council, govt. of Karnataka. The software is being used for office automation for administration and academic activities. The following are the aspects covered in the software for the management of several administrative and academic activities.

- Audit Monitoring System
- Court Cases Monitoring
- Disciplinary cases Enquiry Monitoring
- File Monitoring System
- Grievances Monitoring System
- Letter Monitoring System
- Project Monitoring System
- Human Resources Managing System
- eTendering and eSpandana.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MA	11	01/06/2010	PG-27 to 52 (EL)	01/06/2010
MSc	18	01/06/2010	PG-01 to 23 (EL)	01/06/2010
MCom	1	01/06/2010	PG-26 (EL)	01/06/2010
MBA	2	01/06/2010	PG-42 to 43 (EL)	01/06/2010
MEd	2	01/06/2010	PG-51 (EL)	01/06/2010
MPEd	1	01/06/2002	PG-52 (EL)	01/06/2002
No file uploaded.				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	11	01/06/2010
MSc	18	01/06/2010
MCom	1	01/06/2010
MBA	2	01/06/2010
MEd	2	01/06/2010

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
AGRICULTURAL MICROBIOLOGY	12/07/2019	11
BASIC MATHEMATICAL MODELLING	12/07/2019	186
BIOANALYTICAL TECHNIQUES	12/07/2019	88
DISASTER MANAGEMENT	12/07/2019	53
FILM STUDIES - I	12/07/2019	219
HUMAN RIGHTS	12/07/2019	134
INDIAN EDUCATION - II	12/07/2019	56
INFORMATION COMMUNICATION TECHNOLOGY	12/07/2019	61
POLYMER PROCESSING TECHNIQUE	12/07/2019	73
PRACHINA MADHYAKALEENA KAN. SAHITHYA:ITIHASA SWAROOPA	12/07/2019	90

[View Uploaded File](#)

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	Kannada	37
MA	Economic	35
MA	English	42
MSW	Social Work	43
MCom	Commerce	136
MBA	Business Administration	109
MSc	Botany	40
MSc	Biotechnology	38
MSc	Biochemistry	39
MSc	Industrial Chemistry	39

[View Uploaded File](#)

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

The University possesses a mechanism to obtain feedback from students both on the course content and methodology. The students at the completion of the course provide feedback in a proforma detailing the merits and demerits of each course and performance of the faculty. The questionnaire answered by the students are thoroughly evaluated and reviewed for improvement. The Vice-Chancellor will interact with the faculty members (on one-to-one basis) and advice them to improve upon their academic abilities. Similarly, the Feedback from the stakeholders including teachers, students, alumni and parents were obtained through questionnaire. The questionnaire was prepared in the meeting of the NAAC preparation committee considering the inputs from Deans of all the families, School Directors, Student Welfare Director, Coordinator of Extracurricular Activity Cell, Placement Cell and Librarian. To procure the feedback from parents, teachers, and alumni the final questionnaire was prepared and a Google Form was created and the link from the form was circulated to stakeholders through circulars and WhatsApp groups so that only stakeholders can respond. The students' feedback was obtained offline through the questionnaire and the same was analysed. The responses were collected in excel format processed and the information was uploaded into Google drive as Google documents for which a link has been given in the report. The outcome of the feedback will be brought to the notice of all the faculty members. They will be advised to incorporate any changes if required in the curriculum based on the suggestions of alumni and parents.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Kannada	67	122	29
MA	Economics	57	212	35
MA	English	57	103	40
MCom	Commerce	152	1200	158
MSc	Botany	44	199	48
MSc	Zoology	44	353	48
MSc	Microbiology	41	262	45
MSc	Biotechnology	44	285	43
MSc	Chemistry	44	625	39
MSc	Industrial Chemistry	44	393	51

[View Uploaded File](#)

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses
------	---	---	--	--	--

			teaching only UG courses	teaching only PG courses	
2019	Nil	1405	Nil	240	Nil

## 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
240	240	Nil	48	48	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The primary focus of Kuvempu University is Student mentoring. From the admission process itself the student mentoring will commence. Rigorous counseling will be done during the admission to provide a proper guidance to choose a course their interest available in the University. The faculty guides the students about the admission procedure, courses available and student support system available in the University. After the admission the University authorities will organize a programme to welcome the freshers. This practice is being followed to motivate and inspire the students. A scientist or a Litterateur will be invited to address the students. At the department level, to foster a close rapport between the students and the faculty and to provide guidance to students on all academic matters besides personal counseling and to enhance the potentialities of the students, mentor system is being practiced. The main focus of mentorship is to develop the all-round personality of the students and to make them more professionally competent and responsible citizens by the time they leave the thresholds of the University. Teachers are also assigned an additional responsibility of Warden or faculty Advisor in the University Hostels to lend personal support. Each faculty member functions as counselor for a group of students during the entire period of their study in the University. The teacher will assist the students to cope with the curriculum, understand the University's expectations of its students, participate in co-curricular and extracurricular activities, solve personal issues, as well as groom their skills and id in personality development. Further, the students may also seek guidance from other faculty members. The students are also encouraged to participate in co-curricular and extracurricular activities. During their stay, students can avail support systems and services for information, academic and career guidance, financial, co-curricular and extracurricular activities. In addition the University has appointed a professional counselor in the University Health Centre to provide regular counseling to the students. Most of the students from far off places utilize the services to cope with home sickness, stress conditions, anxiety, trauma etc. Other support services include redressal of students' grievances cell, Full-fledge health services system, Indoor stadium and Gymnasium etc.,

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1405	240	1 : 6

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
111	109	2	0	108

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies



2019	B J Gireesha	Associate Professor	Recipient of "India Top Cited Paper Award 2022" in Physics by IOP Publishing which recognizes him as an author of the top 1 most cited papers in IOP Publishing's portfolio of journals from 2019-2021.
2019	B S Biradar	Professor	Contribution and Service Rendered in Library and Information Science Field

[View Uploaded File](#)

## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	PG-27	IV Semester	21/05/2019	07/06/2019
MA	PG-37	IV Semester	21/05/2019	15/06/2019
MA	PG-33	IV Semester	21/05/2019	04/06/2019
MA	PG-34	IV Semester	21/05/2019	15/06/2019
MSW	PG-53	IV Semester	21/05/2019	08/07/2019
MCom	PG-26	IV Semester	21/05/2019	18/06/2019
MBA	PG-42	IV Semester	21/05/2019	12/06/2019
MSc	PG-06	IV Semester	21/05/2019	31/05/2019
MSc	PG-08	IV Semester	21/05/2019	22/05/2019
MSc	PG-01	IV Semester	21/05/2019	19/06/2019

[View Uploaded File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	0	0

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.kuvempu.ac.in/eng/NAAC4thCycle.php>

## 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PG-27	MA	Kannada	73	72	98.00
PG-37	MA	Economics	145	145	100
PG-33	MA	English	79	78	98.73
PG-31	MA	Political Science	91	84	92.30
PG-40	MA	Urdu	18	18	100
PG-26	MCom	Commerce	787	779	98.98
PG-42	MBA	Business Administration	142	140	98.59
PG-02	MSc	Botany	57	57	100
PG-08	MSc	Biotechnology	59	59	100
PG-09	MSc	Industrial Chemistry	79	74	93.67
<a href="#">View Uploaded File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.kuvempu.ac.in/eng/NAAC4thCycle.php>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	NIL	NIL	Nil	NIL
No file uploaded.				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	4	State Government
DST Inspire	4	DST-Inspire, New Delhi
Women Scientist-A	3	DST-WOSA
NFST	5	Ministry of Tribal Affairs
JRF-NFSC	5	UGC
OBC-JRF	3	State Government of

		Karnataka
NFSC PhD FELLOWSHIP	4	UGC NEW DELHI
PDF	6	UGC
SC/ST Fellowship	5	Kuvempu University
Single Girl Child Fellowship	5	UGC
<a href="#">View Uploaded File</a>		

### 3.2 – Resource Mobilization for Research

#### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1460	VGST	60	60
Major Projects	365	DST-FIST	117	100
Major Projects	730	K-FIST	20	10
Major Projects	1095	DST-SERB	23.95	23.95
Major Projects	730	UGC-BSR Research Start-Up-Grant	10	10
Major Projects	730	ICSSR	9	9
Major Projects	1460	VGST Government of Karnataka	20	20
Major Projects	1825	MINISTRY OF SCIENCE AND TECHNOLOGY	55	55
Major Projects	1095	DST WOS-A	21.39	21.39
Major Projects	1095	VGST-SMSYR	20	20
<a href="#">View Uploaded File</a>				

### 3.3 – Innovation Ecosystem

#### 3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NA	Nil
No file uploaded.		

#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Award of Research	Prof.B. Thippeswamy	Vision Group of Science and	05/10/2019	Institution

Publications (ARP) : under VGST scheme for the financial year 2019-20		Technology, Govt. of Karnataka.		
Finsler analogue of the schwarzschild di-Sitter space time	Mr. Manjunatha H M (Rsearch scholar)	DDU gorakpur University and Tensor socity lucknow	09/07/2019	Best paper presenation
The gravitational field of the sds space-time	Mr. Manjunatha H M (Rsearch scholar)	Kuvempu university	10/05/2019	Best paper presenation
Finsler analogue of the schwarzschild di-Sitter space time	Mr. Manjunatha H M (Rsearch scholar)	Kuvempu university	10/12/2019	Best paper presenation
<a href="#">View Uploaded File</a>				

### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NA	NA	NA	NA	Nil
No file uploaded.					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
All P G Departments	98

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mathematics	11	2.25
International	Industrial Chemistry	24	3.75
International	Chemistry	30	3.75
International	Biotechnology	6	3.25
International	Zoology	9	3.15
International	Biochemistry	5	3.4
International	Botany	11	2.75
International	Physics	13	2.75
International	Microbiology	2	3.10
International	Environmental Science	22	2.75

[View Uploaded File](#)

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mathematics	24
Sociology	1
Social Work	5
Political Science	2
Physical Education	5
English	5
Electronics	16
MCA	12
Applied Botany	6
Hindi	1
<a href="#">View Uploaded File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Probiotic Properties of Lactic Acid Bacteria Isolated From Neera: A Naturally Fermenting Coconut Palm Nectar	Somashek araiyah, Rakesh Shruthi, B. Deepthi, B., V Sreenivasa, M. Y.	FRONTIERS IN MICROBIOLOGY	2019	18.5	Kuvempu University	111
Flow of hybrid nanofluid across a permeable longitudinal moving fin along with thermal	Gireesha, B. J. Sowmya, G. Khan, M. Ijaz Oztop, Hakan F.	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	2020	21.8	Kuvempu University	109

radiation and natural convection						
Green synthesis of zinc ferrite nanoparticles in <i>Limonia acidissima</i> juice: Characterization and their application as photocatalytic and antibacterial activities	Naik, M. Madhukara Naik, H. S. Bhojya Nagaraju, G. Vinuth, M. Naika, H. Raja Vinu, K.	MICROCHEMICAL JOURNAL	2019	16.83	Kuvempu University	101
MHD flow of SWCNT and MWCNT nanoliquids past a rotating stretchable disk with thermal and exponential space dependent heat source	Mahanthesh, B. Gireesha, B. J. Animasaun, I. L. Muhammad, Taseer Shashikumar, N. S.	PHYSICAL SCRIPTA	2019	16.17	Kuvempu University	97
Entropy generation analysis of magnetonanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions	Shashikumar, N. S. Gireesha, B. J. Mahanthesh, B. Prasannakumar, B. C. Chamkha, Ali J.	INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT FLUID FLOW	2019	14	Kuvempu University	84

An environmental friendly attempt to recycle the spent Li-ion battery cathode through organic acid leaching	Nayaka, G. P. Zhang, Yingjie Dong, Peng Wang, Ding Zhou, Zhongren Duan, Jianguo Li, Xue Lin, Yan Meng, Qi Pai, K. V. Manjanna, J. Santhosh, G.	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2019	11.33	Kuvempu University	68
Impact of nonlinear thermal radiation on magneto hydrodynamic three dimensional boundary layer flow of Jeffrey nanofluid over a nonlinearly permeable stretching sheet	Gireesha, B. J. Umeshaiyah, M. Prasanna akumara, B. C. Shashikumar, N. S. Archana, M.	PHYSICAL STATISTICAL MECHANICS AND ITS APPLICATIONS	2020	12.8	Kuvempu University	64
Thermal analysis of nanofluid flow containing gyrotactic microorganisms in bioconvection and second-order slip with convective condition	Kumar, P. B. Sampath Gireesha, B. J. Mahanthesh, B. Chamkha, Ali J.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2019	10.17	Kuvempu University	61
Isolation and characterization of nutrient	DeBritto, Savitha Gajbar, Tanzeembanu D.	SCIENTIFIC REPORTS	2020	12	Kuvempu University	60

dependent pyocyanin from <i>Ps eudomonas aeruginosa</i> and its dye and agrochemical properties	Satapute, Praveen Sundaram, Lalitha Lakshmi, Ramachandra Yarappa Jogaiah, Sudisha Ito, Shin-ichi					
Effectiveness of Hall current and exponential heat source on unsteady heat transport of dusty TiO <sub>2</sub> -EO nanoliquid with nonlinear radiative heat	Mahanthesh, Basavarajappa Shashikumar, Nagavangala Shankarappa Gireesha, Bijjanal Jayanna Animasaun, Isac Lare	JOURNAL OF COMPUTATIONAL DESIGN AND ENGINEERING	2019	9.83	Kuvempu University	59

[View Uploaded File](#)

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Probiotic Properties of Lactic Acid Bacteria Isolated From Neera: A Naturally Fermenting Coconut Palm Nectar	Somashekaraiah, Rakesh Shruthi, B. Deepthi, B., V Sreenivasa, M. Y.	FRONTIERS IN MICROBIOLOGY	2019	201	111	Kuvempu University
Flow of hybrid nanofluid across a permeable	Gireesha, B. J. Sowmya, G. Khan, M.	COMPUTER METHODS AND PROGRAMS IN BIOMEDI	2020	124	109	Kuvempu University



longitudinal moving fin along with thermal radiation and natural convection	Ijaz Oztop, Hakan F.	CINE				
Green synthesis of zinc ferrite nanoparticles in <i>Limonia acidissima</i> juice: Characterization and their application as photocatalytic and antibacterial activities	Naik, M. Madhukara Naik, H. S. Bhojya Nagaraju, G. Vinuth, M. Naika, H. Raja Vinu, K.	MICROCHEMICAL JOURNAL	2019	99	101	Kuvempu University
MHD flow of SWCNT and MWCNT nanoliquids past a rotating stretchable disk with thermal and exponential space dependent heat source	Mahanthesh, B. Gireesha, B. J. Animasaun, I. L. Muhammad, Taseer Shashikumar, N. S.	PHYSICAL SCRIPTA	2019	91	97	Kuvempu University
Entropy generation analysis of magnetonanoliquids embedded with aluminium and titanium alloy nanoparticles in microch	Shashikumar, N. S. Gireesha, B. J. Mahanthesh, B. Prasannakumar, B. C. Chamkha, Ali J.	INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT FLUID FLOW	2019	64	84	Kuvempu University

annel with partial slips and convective conditions						
An environmental friendly attempt to recycle the spent Li-ion battery cathode through organic acid leaching	Nayaka, G. P. Zhang, Yingjie Dong, Peng Wang, Ding Zhou, Zhongren Duan, Jianguo Li, Xue Lin, Yan Meng, Qi Pai, K. V. Manjanna, J. Santhosh, G.	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2019	107	68	Kuvempu University
Impact of nonlinear thermal radiation on magneto hydrodynamic three dimensional boundary layer flow of Jeffrey nanofluid over a nonlinearly permeable stretching sheet	Gireesha, B. J. Umeshaiyah, M. Prasanna Kumar, B. C. Shashikumar, N. S. Archana, M.	PHYSICAL STATISTICAL MECHANICS AND ITS APPLICATIONS	2020	178	64	Kuvempu University
Thermal analysis of nanofluid flow containing gyrotactic microorganisms in bioconvection and second-order slip with convective condition	Kumar, P. B. Sampath Gireesha, B. J. Manthesh, B. Chamkha, Ali J.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2019	111	61	Kuvempu University

Isolation and characterization of nutrient dependent pyocyanin from <i>Psuedomonas aeruginosa</i> and its dye and agrochemical properties	DeBritto, Savitha Gajbar, Tannzeembanu D. Satapute, Praveen Sundaram, Lalitha Lakshmi Kantha, Ramachandra Yarappa Jogaiah, Sudisha Ito, Shinichi	SCIENTIFIC REPORTS	2020	282	60	Kuvempu University
Effectiveness of Hall current and exponential heat source on unsteady heat transport of dusty TiO <sub>2</sub> -EO nanoliquid with nonlinear radiative heat	Mahanthesh, Basavarajappa Shashikumar, Nagavangal Shankarappa Gireesha, Bijjanal Jayanna Animasaun, Isac Lare	JOURNAL OF COMPUTATIONAL DESIGN AND ENGINEERING	2019	38	59	Kuvempu University

[View Uploaded File](#)

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Presented papers	13	10	3	0
Attended/Seminars/Workshops	13	10	3	0

[View Uploaded File](#)

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
0	0	0	0

No file uploaded.

#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>No Data Entered/Not Applicable !!!</b>				
No file uploaded.				

### 3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
One day Orientation Programme for Youth Red Cross Programme Officers of Various Affiliated Colleges of Kuvempu University	Youth Red Cross	90	84
Social Emergency Response Volunteer (SERV) Programme	NES Institute of Advance Studies, Shivamogga	4	65
Blood Donation Camp and Unveiling of Youth Red Cross Signboard	Youth Red Cross	50	200
No file uploaded.			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Sahithyika Sadhane	Grantha srasvathi samgra prshsthi	Grantha srasvathi prathiba ranga -Davanagere	1
Shaikshanika Mattu Sahityika Sadhane	"D N Max Sahitya Shree" prashasti-2019	D N Max Properist	1
Award of Research Publications (ARP) : under VGST scheme for the financial year 2019-20	Award of Research Publications (ARP)	Vision Group of Science and Technology, Govt. of Karnataka	1
<a href="#">View File</a>			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Public	Gram	Public	5	96

awareness programme	Panchayath, Thavaraghatta	awareness programme		
Environmental Day Celebration	Spoorthy English Medium School, Tammadihalli	Environmental Day Celebration	3	121
Swatch Bharath Abhiyaan	Kuvempu University	Swatch Bharath Abhiyaan	6	90
Social Work Rural Camp	Dept. of Social Work	Social Work Rural Camp	5	33
<a href="#">View File</a>				

### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Project work, Genei laborototies, Bangalore	11	0	90
<a href="#">View File</a>			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	Nil	Nil	NIL
No file uploaded.					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	Nil	NIL	0
No file uploaded.			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1631	947.83

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing



Existing	234	10	234	30	10	55	140	1	0
Added	0	0	0	0	0	0	0	0	0
Total	234	10	234	30	10	55	140	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
0	Nil

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
800	752.97	50	46.08

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. A brief description is presented below on maintenance and utilization of some facilities. Laboratories (All Labs Computer center): Each laboratory has one teacher as lab in-charge, a Lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipments from time to time to cope with change in the syllabus. The laboratory facility will be available all the days including holidays. The equipment procured by the department through university grants and through research project grant will be utilized by all the faculty, researchers and students. Further, some of the costly instruments available in the departments will also be used by the students and researchers from other departments. The university has a University Central Computational facility (UCCF) which maintains the University's main server along with it provides IT supports for paperless office, e-procurement, Login authentication and Internet supply management and operation of UUCMS portal. It also takes care of Cyber security for the campus network infrastructure. The centre is also responsible for students and employees distribution of identity cards and authentication of internet access and user management. Library: The library is continuously updated in terms of latest books, journals, e-journals and e-contents by the Librarian and Library staff. The Library's requirement will be of books and journals, e-journal. It prepares annual budget, updates and maintains the digital library setup. Procurement of books as per the requirement is initiated through library advisory committee headed by the Vice-Chancellor and representation of Deans of all Faculties. The library purchases books by inviting the requirement from various departments. The library maintains OPAC system for maintaining digital indent of books available in the library. All the books have been bar-coded and issued against the card through Smart Card management system. Sport Complex/Ground/Equipments: Directorate of Physical Education headed by the Director of Physical Education is responsible for all the sports activities in the university. The Physical Education Directorate

possesses a well equipped Indoor Stadium, a Gymnasium and also provides Hostel facility for lady sportspersons. For outdoor sport events a ground is maintained in the campus. In addition, there is an outdoor stadium situated in the campus which is being used for bigger sports events competitions and NCC and NSS camps. The Directorate purchase, utilize and maintains the institute's sports facilities. The Directorate is authorized to purchase new sports' equipments and maintain all sport facilities. Sport director is responsible for keeping the record of utilization of sport facilities, activities held, and awards for the students etc. Maintenance of infrastructure: Class rooms are allocated to all departments along with necessary ICT tools. The class rooms are maintained on daily basis monitored by the Estate section. All the buildings in the University premises, viz., Washrooms, Ladies Rest Rooms, Canteen facility are regularly maintained in hygienic condition. Security services are very well maintained in the University campus.

<http://www.kuvempu.ac.in/eng/NAAC4thCycle.php>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Communication Skills	01/06/2010	1405	English Department
Computer Applications	01/06/2010	1405	Computer Science Department
Personality Development	01/06/2010	1405	Commerce Department
Yoga	01/06/2010	1405	Art of Living Foundation and Kuvempu University
<a href="#">View File</a>			

#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed



No Data Entered/Not Applicable !!!

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received

Number of grievances redressed

Avg. number of days for grievance redressal

No Data Entered/Not Applicable !!!

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Process Associate, DXE Technology, Shimoga, Process Assistant, Galgore Shivamogga,	350	160	Asst. Accounting DXC Technology Bangalore	480	250

[View File](#)

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

[View File](#)

## 5.3 – Student Participation and Activities

5.3.1 – 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	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

NIL

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of registered Alumni:

1

5.4.3 – Alumni contribution during the year (in Rupees) :

7500

5.4.4 – Meetings/activities organized by Alumni Association :

2

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Kuvempu University has a well-defined and structured governance and management system with the Post Graduate Departments functioning under the control of the Vice-Chancellor. The Chairman of the P.G. Departments run their respective departments within the framework of participatory decision-making. The primary objective of establishing this University is to provide high quality educational opportunities for the aimed rural youth. The University follows the practice of decentralisation in its true sense, in all the three important backbone of the institution, i.e. in academics, administration and extra-curricular activities. All the major stakeholders of the university including Syndicate and Academic Council. The Vice-Chancellor, Registrars, Teaching in a democratic way of governance following the rules of accountability in execution of their duties and responsibilities. The decentralized through the executive and advisory roles of our Deans of faculties, namely the Deans of Sciences, Social Sciences, Commerce and Management and Education along with Directors of School. There are clear guidelines for the Vice-Chancellor to act in the administrative capacity as per the provisions of the Karnataka University Act and Statutes 2000. The responsibilities are devolved upon Vice-Chancellor through statutory committees of Karnataka University Act. Authorities of the University.- The following shall be the Authorities of the University, namely:- (a) the Syndicate (b) the Academic Council (c) the Finance Committee (d) the Board of Studies (e) the Faculties (f) the Planning, Monitoring and Evaluation Board and (g) such other bodies as may by Statutes be declared to be the authorities of the University. The Syndicate shall have the power to manage the affairs of the University, in particular, to administer the funds and properties of the University. The Academic Council shall be the academic body of the University and shall subject to the provisions of this Act, the Statutes, Ordinances and Regulations, have the control and general regulation and be responsible for maintenance of the standards of instruction, education and examination of the University Stakeholders such as students, teachers, university officers, and government agencies through its nominees allow this

participatory management. Industry experts are sometimes co-opted as members of the bodies dealing with the industry-academia interface. All functionaries operate at various policy-making and executive bodies on a rotation basis. Decentralization and participatory management have always been guiding principles of this university, which strives for transparency, credibility, and academic excellence.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The central Library has got a large collection of books, Browsing centre, E-Databases, E-Journals, E-Books, etc. to cater to the needs of faculties and students. The library has been computerizing its books using the Library Automation Software. All the units of the University have LAN connectivity with WiFi facility. The University has Shodha Ganga and other software according to UGC.
Human Resource Management	The University insists on recruiting faculties as per UGC norms and makes all efforts to improve its academic standards in respect of teaching and research on par with UGC. Academic audit, internal quality assurance and evaluation of the teachers by the students are measured adopted by the University. The university promotes for the appointment of scholars to improve the quality of research and encourages the special assistance programme.
Industry Interaction / Collaboration	The Research and Development Cell (RDC) coordinates the industry-academia relationship and helps to promote collaborative research through the MoU as well as any consultancy works. Departments of Chemical Sciences and School of Biological Sciences have been actively collaborating with the national and multi-national institutes through the academic activities in different area and some representatives from industries are in various Boards of Studies also.
Admission of Students	The Academic Council prepares an academic calendar for each academic session which includes dates for admission, the start and end dates of various teaching programmes, official holidays, examination schedules, and

	the results etc. The Autonomous Departments plan their teaching and examination schedules within the framework according to the centralized academic calendar.
Curriculum Development	The Academic Council prepares an academic calendar for each academic session which includes dates for admission, the start and end dates of various teaching programmes, official holidays, examination schedules, and the results etc.
Teaching and Learning	The Autonomous Departments plan their teaching and examination schedules within the framework according to the centralized academic calendar.
Examination and Evaluation	To ensure that results are announced on time, the institution has a central valuation system for all post graduate courses. The departments conduct examinations and evaluate answer scripts within the framework of a set of rules and regulations of the university. The Examination section also announces the exam Time-Table well before the exams.
Research and Development	The academics of the University has laid down the guidelines for PhD, D.Sc./D. Litt. as per UGC regulations. The University has formed Research and Development Cell (RDC) for facilitating research activities, processing files for submission of RD proposals, the release of grants and implementation of the projects, liaison between investigators and various funding agencies, and processing the appointments of research scholars. The University promotes and encourages of all faculty to pursue National/International collaborations for research proposals and project work.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	The university has deployed Optical Fiber Cable (OFC) to all the buildings with star architecture in the university campus from UCCF amp IT Cell. LAN has been implemented to individual locations in the university. 1 GBPS internet connectivity is provided by National Knowledge Network (NKN), Government of India. The University has adopted the ICT software

provided by the Higher Education Council, govt. of Karnataka. The software is being used for office automation for administration and academic activities. The following are the aspects covered in the software for the management of several administrative and academic activities.

- Audit Monitoring System
- Court Cases Monitoring
- Disciplinary cases Enquiry Monitoring
- File Monitoring System
- Grievances Monitoring System
- Letter Monitoring System
- Project Monitoring System
- Human Resources Managing System
- e-Tendering and e-Spandana.

Administration

The University has adopted the ICT software provided by the Higher Education Council, Government of Karnataka. The software is being used for office automation of administrative and academic activities. The University has actively participated in all meetings to implement ICT related software and has successfully adopted e-governance applications through the UCCF amp IT Cell established in the University. A team of experts has been constituted for effective, efficient and speedy implementation and execution of all ICT related activities.

University files are digitized and uploaded into the server. Files are moving online in all levels including case worker, Superintendent, Assistant Registrar, Deputy Registrar, Finance Officer, Registrar, Vice Chancellor. The University has provided sufficient number of computer systems to administrative staff and faculty members. Each faculty is provided with the Laptops under the RUSA Project. All the departments have been well connected with internet through LAN and Wi-Fi with authentication server maintained and monitored in the UCCF Center.

Finance and Accounts

University, Finance Section Auditing reports have been digitalized and uploaded in to the server for the years 2008 onwards. University files are digitized and uploaded into the server. Files are moving online in all levels including case worker, Superintendent, Assistant Registrar, Deputy Registrar, Finance Officer, Registrar, Vice Chancellor. The University has provided sufficient number of computer systems

	to administrative staff and faculty members. Each faculty is provided with the Laptops under the RUSA Project. All the departments have been well connected with internet through LAN and Wi-Fi with authentication server maintained and monitored in the UCCF Center.
Student Admission and Support	Admissions for various programmes offered by the University were done by online mode. Applications along with the supportive documents were scrutinized through online. Announcement of Merit list, payment of fees were done online. A separate helpline is created for students support during the admission process.
Examination	Web Based Student Support System (Less Paper Online Services Online Admission and Student Information System (OASIS) • Update student related information along with subject details and student's photo. The same photo will be used for the Marks Card and Degree Certificate. • System generates unique Student ID across the degrees as well as Register Number within the degree. • Updating of Examination fee paid details online by introducing direct remittance of fees to University account through Online payments. • New Online Examination Process introduced from 2013. <a href="http://oasis.logisys.org/kus/parikshamitra/">http://oasis.logisys.org/kus/parikshamitra/</a>

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nil	Nil	Nil	Nil
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nil	Nil	Nil	Nil	Nil	Nil

No file uploaded.

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Health Care Medical Reimbursement</li> <li>• Leave Facility-Maternity Leave</li> <li>• Paternity Leave</li> <li>• Sabbatical Leave</li> <li>• Duty Leave</li> <li>• Study Leave</li> <li>• Leave Encashment</li> <li>• Festival Advance</li> <li>• HTC LTC facilities</li> <li>• Lean Facility</li> <li>• Travel Grants for attending Seminars and Conferences</li> <li>• Residential facilities (Staff Quarters)</li> <li>• Sports and Recreation - Indoor Outdoor Stadia and Gymnasium</li> <li>• Fee concision for children of employees in PG Courses</li> <li>• Canteen, Banking Post Office facilities</li> <li>• ICT facilities</li> <li>• Free Internet and Wi-Fi facilities</li> <li>• School Bus for employees children</li> </ul>	<ul style="list-style-type: none"> <li>• Health Care Medical Reimbursement</li> <li>• Leave Facility-Maternity Leave</li> <li>• Paternity Leave</li> <li>• Study Leave</li> <li>• Leave Encashment</li> <li>• Festival Advance</li> <li>• HTC LTC facilities</li> <li>• Residential facilities (Staff Quarters)</li> <li>• Sports and Recreation - Indoor Outdoor Stadia and Gymnasium</li> <li>• Fee concision for children of employees in PG Courses</li> <li>• Canteen, Banking Post Office facilities</li> <li>• ICT facilities</li> <li>• Free Internet and Wi-Fi facilities</li> <li>• School Bus for employees children</li> </ul>	<ul style="list-style-type: none"> <li>• Health Care Ambulance</li> <li>• Residential facilities (Boys Girls Hostels)</li> <li>• Sports and Recreation - Indoor Outdoor Stadia and Gymnasium</li> <li>• Canteen, Banking Post Office facilities</li> <li>• ICT Browsing centre facilities</li> <li>• Free Internet and Wi-Fi facilities</li> <li>• Library and Green Library</li> <li>• Book House</li> </ul>

## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Finance officer is appointed by the Government of Karnataka The Finance officer manages the accounts of the University. The expenditures are audited every year. The annual budget is presented to the Academic Council and the syndicate for approval. The finance committee of the University monitors all major financial matters. Before the completion of the financial year, the State Accounts Department deutes its officers for annual audit of the University finances. Any objections or queries by the auditors will be attended immediately along with the supportive documents. Finally, a compliance report

submitted to the State Accounts Department. A Central Audit team carries out test check of accounts and vouchers received from the state accounts. Based on the replies of the State/University audit, the comments are treated as either settled or noted for further follow up. The audited reports are published every year and submitted to the State Government.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

100000000.00
--------------

## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Autonomy is given to constituent colleges to admit students on merit and based on the reservation policy of the government. Complete academic freedom exists for curriculum design to formulate new and innovative programs of study, to include appropriate experts in the Boards of Studies and Examinations, evolve and follow innovative teaching and evaluation methodologies, to undertake research projects and consultancies, and to conduct conferences and workshops.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

NIL
-----

6.5.4 – Development programmes for support staff (at least three)

- Train the staff to undertake computer literacy examination
- Training staff to enhance the efficiency to operate e-governance software
- Training staff to take-up departmental exams for promotions to the next cadre

6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Up gradation and maintenance of instrumentation facilities in departments of Geology, Microbiology, Zoology, Chemistry, Industrial Chemistry, Biochemistry, Environmental Science, Journalism and English. The facilities are extended to the stakeholders within and outside the University.
- Coaching centre for competitive exams is established to coach UPSC, KPSC, NET, SLET exams.
- Establishment of Kuvempu Study Centre in Kannada Department.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No



d)NBA or any other quality audit

No

## 6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	One Day WORKSHOP ON QUESTION PAPER DESIGNING FOR U.G. COURSES	28/06/2019	28/06/2019	28/06/2019	150
2019	One Day SPECIAL LECTURE ON NATIONAL EDUCATION POLICY – 2019	06/12/2019	06/12/2019	06/12/2019	96
No file uploaded.					

**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Workshop on Curriculum Planning and Development	13/02/2020	13/02/2020	11	5
Two days National Conference on Postmodern Feminist Paradigm: Indian Experience and Strategies for Development	12/03/2020	13/03/2020	120	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Energy conservation: As a multi faculty university with 44 departments, Kuvempu University requires a lot of energy to operate. With a strong commitment to the preservation of environment, the university is using an array of strategies to lessen campus energy consumption and generate its own energy. The following initiatives have been taken: • Photovoltaic solar array was installed on the roof of the Administrative Building that will provide electricity to the buildings • Solar water heaters installed in all the hostels and guest houses providing 80 hot waters to the buildings • Eco friendly power generators are

installed in the campus as a backup power supply. Use of renewable energy: A hybrid wind/solar energy generator of 15 kv has been installed in the campus to meet the energy requirements. Water harvesting: Though there is sufficient supply of water from the adjacent Bhadra Reservoir situated about a km away from the campus, the university has constructed roof top water harvesting structures for all its newly constructed buildings. As many of the buildings are under construction, it is planned that all proposed activities for rain water harvesting are integrated.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
<b>No Data Entered/Not Applicable !!!</b>							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
GUIDELINES OF PROFESSIONAL CODE OF CONDUCT FOR EMPLOYEES	09/11/2018	The university has specified its core values comprising Global Outlook, Regional focus, Commitment to Equity and Social Justice, Conservation of Natural Resources and Cultural Heritage, Humanism and Holistic view. Every year the University organizes programmes related to professional, social and cultural ethics involving

all the employees and the students. Programmes such as Independence Day, Republic Day, Gandhi Jayanthi, National Integration Day, Ambedkar Jayanthi, Constitution Day, Yoga day, Kuvempu Birth Anniversary, Valmiki Jayanthi, Kanaka Jayanthi, Sahyadri Utsava, Sahyadri Sirigandha, Paraspara (Welcome), Tobacco Free and Plastic free Campaign are being organized. Further, the university organizes programmes on its motto to the students to inspire them about the human and moral values propagated by the great Kannada poet Shri Kuvempu in whose name the university is established. He professes five important human values such as Religion of humanity, Universal path, Welfare of all, Integration and Holistic vision.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environmental Day	05/06/2019	05/06/2019	493
International Yoga Day	29/06/2019	29/06/2019	395
World Nature Conservation Day	28/07/2019	28/07/2019	42
Independence Day	15/08/2019	15/08/2019	1015
National Sports Day	29/08/2019	29/08/2019	134
Teachers Day	05/09/2019	05/09/2019	1415
Gandhi Jayanthi	02/10/2019	02/10/2019	680
Kannada Rajyothsava Day	01/11/2019	01/11/2019	540
Constitution Day	26/11/2019	26/11/2019	560
Dr. B.R.Ambedkars Death Anniversary	14/04/2020	14/04/2020	160

[View File](#)

### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

**Energy conservation:** As a multi faculty university with 44 departments, Kuvempu University requires a lot of energy to operate. With a strong commitment to the preservation of environment, the university is using an array of strategies to lessen campus energy consumption and generate its own energy. The following initiatives have been taken: • Photovoltaic solar array was installed on the roof of the Administrative Building that will provide electricity to the buildings • Solar water heaters installed in all the hostels and guest houses providing 80 hot waters to the buildings • Eco friendly power generators are installed in the campus as a backup power supply. **Use of renewable energy:** A hybrid wind/solar energy generator of 15 kv has been installed in the campus to meet the energy requirements. **Water harvesting:** Though there is sufficient supply of water from the adjacent Bhadra Reservoir situated about a km away from the campus, the university has constructed roof top water harvesting structures for all its newly constructed buildings. As many of the buildings are under construction, it is planned that all proposed activities for rain water harvesting are integrated. **Check dam construction:** Check dams and artificial ponds have been constructed within the campus to tap the water resources and to recharge the ground water. **Plantation:** The University is located at the foot hills of Bhadra wild life sanctuary. The eroded deforested localities of the campus have been transplanted with endemic locally flourishing plant species. Based on the poetic descriptions of plants in the epic works of Pampa, the tenth century Kannada poet a garden namely Pampavana has been created on the campus in which the plant species referred to in Kannada literature are planted and maintained. The university has the tradition of planting medicinally valuable plants. This is done by the eminent scholars/personalities who visit the University in the garden named as SmrithiVana. The area around the buildings of the campus is covered with flowering plants, shade and fruit bearing trees and energy plantations. The tree species such as Pongamiapinnata (Honge or Karanja), Azhardictaindica (Neem), Terminalia bellarica (Taare) Terminalia catapoa (Kaadubadami) Simarouba glauca (Lakshmi Taru), Madhucaindica (Mahua) Atrocarpushetarophyllus (jack fruit) Sapinduslaurifolius (Soap nut) are planted along the road to enrich the biodiversity. In addition, the native flora of the campus is well preserved. **Hazardous Waste Management: e-Waste Management:** The computer and other e-wastes are collected by the estate department and disposed as per the norms of e-waste management. The biological and other wastes collected on the campus from various parts of the University are disposed of using a safe mechanism (incinerator etc).

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Best Practice 01: Examination and Evaluation procedure.** Kuvempu University has introduced the CBCS from the year 2005. As per the regulations governing the Choice Based Credit System, the evaluation procedure adopted for all Post Graduate courses is as follows. Semester end examination carries 75 per cent of the maximum marks in every paper. The remaining 25 per cent of the maximum marks are allocated for continuous assessment. The continuous assessment is made through two tests, one assignment and a seminar-group discussion in every paper. The regulations of the University have made provision for rationalization of the IA marks. Wherever a particular course is offered in more than one PG department or PG center, a Committee consisting of the following scrutinizes the internal assessment marks awarded to a student and takes steps to rationalize the marks wherever necessary. Marks awarded for internal assessment through continuous evaluation are notified to the students and provision has been made for addressing grievances of students regarding the same. The departmental council takes steps to set right the grievances. It can

also permit the student to take the retest in any paper if there is genuine ground for allowing such a re-test. • All the activities continuously monitored and recorded by using CCTV / Internet • The daily report of corrections and modifications of Marks Cards/Ledger is continuously monitored by Registrar (Evaluation) by printing name/employers ID. • The account of Answer Booklets dispatched to the college/examination centre is also monitored by using web enabled system. • The Answer booklet bundles from the College / Dept. examination centers will be collected on the same day only by the permanent faculty/staff members • Fool proof mechanism established for packing and delivering Question Papers to Examination centers with GPS and CC camera fitted vehicle. • Sufficient audit trail is being generated so as to track any exceptional activities that might take place in the system. Measures to remove difficulties to conduct an announcement of results: • The examination section takes steps for scientific preparation of the examination time-table to be conducted after the end of the semester. Significantly reduced the total number of examination days from 60 days to 32 days. • The Principal of the College/Chairman of the PG departments is instructed to make adequate arrangements for the proper conduct of examinations as per time-table • The answer scripts of each paper are sent to the examination section immediately after the examination session for coding • Multiple bar codes for different valuation as well as student identification. • Prior to valuation, student portion is detached and then subsequently scanned prior to computation of results. • Answer book has multiple security features including holograms which are unique to Kuvempu University. • Script coding and packet preparation with unique bar-code is done immediately • Centralised evaluation is arranged at the examination section and digitalized entry of marks is adopted to avoid delay • The digitalization of entry of marks has enabled the University to announce results immediately after the evaluation • Lamination of these documents after printing • Accurate accounting of the documents on a day to day basis

Best Practice 02: In vitro mass multiplication and supply of banana plants to the farmers- A Lab to Land outreach program

A. Objectives of the Practice

1. To conduct survey in banana farmyards in different Taluks of the district for marketing of elite clones with superior characteristics.
2. To develop tissue cultured plantlets at the Department of Biotechnology laboratory, Kuvempu University.
3. To supply tissue cultured plantlets to the farmers of jurisdiction at subsidised rates
4. To impart training programme and conduct demonstration to the farmers of jurisdiction for the cultivation of tissue culture banana.
5. To evaluate the total yield and income generated by the beneficiaries with use of tissue cultured plantlets cultivation.

The farmers of jurisdiction of the university are growing banana crops in Arecanut plantations. Because of more precipitation and humidity many banana cultivars like *Musa paradisiaca* cv. Puttabale (AB group), *Musa accuminata* (elakki bale) *Musa grandnina* are highly prone to Fusarium wilt (*Fusarium oxysporum* f. sp. *cubense*), black Sigatoka (*Mycosphaerella fijiensis*), viruses (Banana bunchy top viruses) and nematodes (*Radopholus similis*). Because of plantation disease infected suckers farmers in Malnad region fail to get good crop. Application of high doses of fungicides and pesticides for the eradication of pathogens causes serious consequences for the environment. Kuvempu University is unique among the other traditional universities in the mass multiplication of banana clone in the laboratory through tissue culture technique and distribution of healthy plantlets to the farmers at the subsidized rates. Tissue culture mass multiplication protocol was not yet standardized for the indigenous cv. Puttabale. The target population was surveyed in different taluks like Shivamogga, Bhadravathi, Shikaripura, Thirthahalli, Sagara, Soraba and Hosanagara of Shivamogga dist. Survey was also conducted in banana farmyards in different regions of the jurisdiction for marking of elite clones with superior characteristics. Stem tip and ovary of the elite banana clones were used as explants for mass multiplication in laboratory. High frequency of shoot bud

organogenesis ( $22.80 \pm 2.57$ ) was observed on MS medium supplemented with 160 mg/l Adenine sulfate, 100 mg/l tyrosine, 0.3 mg/l Thidiazuron and 4 mg/l 6-Benzylaminopurine (BAP). The regenerants were successfully acclimatized in the greenhouse and transformed to the farmyard. Training programmes were organized at Department of Biotechnology, Kuvempu University for the target farmers. Scientists were invited from IIHR (Indian Institute of Horticultural Research), Bangalore and University of Agricultural Sciences Bangalore and Agricultural University of Dharwad and were interacted with the farmers about cultivation of tissue cultured banana pest management, fertilizers usage, and rearing of tissue cultured banana plantlets in the green house. 500 tissue cultured plantlets were distributed to the farmers of the jurisdiction. After 8 months of plantation in the field, morpho-agronomic evaluation was carried out. The plants showed elite characteristics in height, pseudostem perimeter, number of hands, number of total fingers and total weight of bunches with less susceptibility to disease. This made the target populations to get more yield. Overall their economic status is improved by growing tissue cultured puttabale plantlets comparatively with their traditional practices in banana cultivation.

B. Evidence of Success Good success has been achieved by solving the farmers of the jurisdiction of the university. The farmers obtained good yield and they interact with the university in solving the problems of organic farming and motivate other farmers for the use of tissue culture plants. Puttabale (AB genome) is an indigenous banana variety cultivated in Shivamogga District of Karnataka, which is known for its delicious taste and flavour but highly prone to Fusarium infection. Tissue culture mass multiplication protocol was not yet standardized for this indigenous variety. The incidence of Fusarium infection was more to this variety especially in and around Bhadravathi taluk. Inoculation of clones from this region leads contamination and spoilage of culture.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.kuvempu.ac.in/eng/NAAC4thCycle.php>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The University's vision is to achieve excellence in teaching and research to provide high quality value based education to all through various modes to meet the global challenges. In this direction this university is the first in the entire state to successfully implement Choice Based Credit System for post-graduate programmes. The courses offered in various programmes have facilitated the students to achieve their goals effectively. The open elective system has benefitted many students to gain knowledge across their discipline. The research activity is very vibrant in this university. Several teachers especially from science faculty have achieved excellence in research through research publications in peer reviewed journals with high impact from reputed publishers. The overall, performance of this university in research is commendable with very good h-index as analysed by reputed scientific sites viz., Web of science and Scopus etc. Consistency in this regard is being maintained all through the years. In addition, the University has also established a Directorate of Distance Education with an aim of 'Education for all' which is offering various programmes in Sciences, Social Sciences and Commerce Business Management. Thousands of students from across the nation have benefitted from the distance learning.

Provide the weblink of the institution

<http://www.kuvempu.ac.in/eng/NAAC4thCycle.php>

## 8.Future Plans of Actions for Next Academic Year

? The University could not implement few of its plans due to Covid-19 lockdown during 2019-20. ? Steps were undertaken by the university to maintain strict hygiene in the campus. All the precautions were undertaken to ensure health and hygiene among the stakeholders. Standard operating systems were issued time to time as and when issued by the governments. ? The University plans to organize National and Regional Webinars in various subjects due to Covid-19 restrictions. ? The University maintains its focus on the Research publications in Scopus indexed peer reviewed journals. In its PhD regulations, the University made mandatory for research scholars to publish a minimum two research publications in Scopus or Web of Science or UGC Care listed journals for the submission of PhD thesis. To maintain the existing the high h-index and i-10 index. ? The university plans to strengthen its ICT facility and encourage teachers to promote online interactions with the students on their respective subject areas to keep the students updated. To advice teachers to develop e-content in their respective subjects to facilitate the Online mode of teaching. Further, to insist the teachers to record their online classes so that the recorded lectures may be shared with the students. ? To encourage the teachers to utilize e-resources available in the library and other public domains and also encourage the students to make use of the available resources. ? To encourage the students to utilize the Online resources such SWAYAM and MOOC portals to select and register for various courses through online mode and earn additional credits. ? To strengthen the facilities available in the hostels and maintain complete hygiene in view of the Covid-19 pandemic. ? To inform the teachers to give more emphasis for collaborative research with reputed research institutions in the state and the country. ? To advise the faculty members to establish contacts with reputed research institutes in the country and the state to initiate collaborative research. Further, to direct the teachers to apply for major infrastructure grants such as DST-FIST, UGC-SAP, DBT-BUILDER etc. ? To Participate and maintain NIRF ranking of the University.