



KBN COLLEGE
ESTABLISHED IN 1965



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee), Kothapeta, Vijayawada - 520 001.
A College with Potential for Excellence (CPE) 3.5 Star Rating in Innovations & Start-Ups by MoE
Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India

1.3.3: Percentage of Programs that have components of field projects / research projects / internships during the last five years

ADDITIONAL INFO.

- List of Program and course contents having element of field projects / research projects / internships as approved by BOS – 5 Years
- Approved Board of Studies Meetings - (Scanned Copies)
- Research Project Reports [FEW FOR REFERENCE]
- Field Project Reports [FEW FOR REFERENCE]
- Certificates [FEW FOR REFERENCE]

List of Programmes that have components of field projects / research projects / internships during the last five years

Name of the Programmes offered by the HEI	Programme Code	If yes, name of the component (Field project / research project/ internship)	Course code of the component
YEAR-1-2022-23			
B.Sc. (MPC)	U1	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
B.Sc. (CBZ)	U2	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Com. (General)	U3	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
B.Sc. (MPCs)	U4	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Com. (T.P)	U5	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
B.Com. (Computers)	U6	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
BCA	U7	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Sc. (MECs)	U8	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
BBA	U9	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Sc. (MSCs)	U10	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601

B.Com. (Logistics)	U11	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
B.Sc. (MCCs)	U12	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP501
B.Sc. (DS)	U13	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Sc. (IoT)	U14	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
B.Voc. (WT&SD)	U16	Internships & Field Projects	R20CSP201 R20APSP401 R20APSP601
MBA	P3	Internships & Field Projects	R20MBA407
M.Sc. (OCH)	P4	Internships & Field Projects	R20OCH406
MCA	P5	Internships & Field Projects	R20MCA405
M.Sc. (ACH)	P6	Internships & Field Projects	R20ACH406
YEAR-2-2021-22			
B.Sc. (MPC)	U1	Internships & Field Projects	R20CSP201 R20APSP401 CBMATB604 CBPHYB604P CBCHEA604P
B.Sc. (CBZ)	U2	Internships & Field Projects	R20CSP201 R20APSP401 CBBOTB604 CBCHEB604AP CBZOOB602A
B.Com. (General)	U3	Internships & Field Projects	R20CSP201 R20APSP401 CBPWG608P

B.Sc. (MPCs)	U4	Internships & Field Projects	R20CSP201 R20APSP401 CBMATB604 CBPHYB604P CBCSCA602AP
B.Com. (T.P)	U5	Internships & Field Projects	R20CSP201 R20APSP401 CBBCOMP603P
B.Com. (Computers)	U6	Internships & Field Projects	R20CSP201 R20APSP401 CBBCOMP603P
BCA	U7	Internships & Field Projects	R20CSP201 R20APSP401 CBCA605
B.Sc. (MECs)	U8	Internships & Field Projects	R20CSP201 R20APSP401 CBMATB604 CBELEA603AP CBCSCA602AP
BBA	U9	Internships & Field Projects	R20CSP201 R20APSP401 CBPWB508P
B.Sc. (MSCs)	U10	Internships & Field Projects	R20CSP201 R20APSP401 CBMATB604 CBSTTA604A CBCSCA602AP
B.Com. (Logistics)	U11	Internships & Field Projects	R20CSP201 R20APSP401 CBPWL608P
B.Sc. (MCCs)	U12	Internships & Field Projects	R20CSP201 R20APSP401 CBMATB604 CBCHEB604AP CBCSCA602AP

B.Sc. (DS)	U13	Internships & Field Projects	R20CSP201 R20APSP401 DSASA604 DSDSA604P DSDSA604P
B.Sc. (IoT)	U14	Internships & Field Projects	R20CSP201 R20APSP401 IOTELEA604P CBELEA603AP IOTCSCA604P
B.Voc. (IT-ITes)	U15	Internships & Field Projects	R20APSP401 ITPRO505 ITPRO605
B.Voc. (WT&SD)	U16	Internships & Field Projects	R20APSP401 WSPRO505 WSPRO605
M.Sc. (CS)	P1	Internships & Field Projects	R20MCS406
M.Com.,	P2	Internships & Field Projects	R20COM407
MBA	P3	Internships & Field Projects	R20MBA407
M.Sc. (OCH)	P4	Internships & Field Projects	R20OCH406
MCA	P5	Internships & Field Projects	R20MCA405
M.Sc. (ACH)	P6	Internships & Field Projects	R20ACH406
YEAR-3-2020-21			
B.Sc. (MPC)	U1	Internships & Field Projects	R20CSP201 CBMATB604 CBPHYB604P CBCHEA604P
B.Sc. (CBZ)	U2	Internships & Field Projects	R20CSP201 CBBOTB604 CBCHEB604P CBZOOB602P

B.Com. (General)	U3	Internships & Field Projects	R20CSP201 CBPWG608P
B.Sc. (MPCs)	U4	Internships & Field Projects	R20CSP201 CBMATB604 CBPHYB604P CBCSCA602P
B.Com. (T.P)	U5	Internships & Field Projects	R20CSP201 CBBCOMP603P
B.Com. (Computers)	U6	Internships & Field Projects	R20CSP201 CBBCOMP603P
BCA	U7	Internships & Field Projects	R20CSP201 CBBCA605
B.Sc. (MECs)	U8	Internships & Field Projects	R20CSP201 CBMATB604 CBELEA603AP CBCSCA602P
BBA	U9	Internships & Field Projects	R20CSP201 CBPWB508P
B.Sc. (MSCs)	U10	Internships & Field Projects	R20CSP201 CBMATB604 CBSTTA604A CBCSCA602P
B.Com. (Logistics)	U11	Internships & Field Projects	R20CSP201 CBPWL608P
B.Sc. (MCCs)	U12	Internships & Field Projects	R20CSP201 CBMATB604 CBCHEB604AP CBCSCA602P
B.Sc. (DS)	U13	Internships & Field Projects	R20CSP201 DSASA604 DSDSA604P DSDSA604P
B.Sc. (IoT)	U14	Internships & Field Projects	R20CSP201 IOTELEA604P CBELEA603AP IOTCSCA604P

B.Voc. (WT&SD)	U16	Internships & Field Projects	R20CSP201
M.Sc. (CS)	P1	Field Project / Research Project	MCS40517
M.Com.,	P2	Field Project / Research Project	COM40617
MBA	P3	Internships & Field Projects	MBA40819
M.Sc. (OCH)	P4	Internships & Field Projects	OCH40517
MCA	P5	Internships & Field Projects	MCA40817
M.Sc. (ACH)	P6	Internships & Field Projects	ACH40519
YEAR-4-2019-20			
B.Sc. (MPC)	U1	Field Project / Research Project	CBMATB604 CBPHYB604P CBCHEA604P
B.Sc. (CBZ)	U2	Field Project / Research Project	CBBOTB604 CBCHEB604P CBZOOB602P
B.Com. (General)	U3	Field Project / Research Project	CBPWG608P
B.Sc. (MPCs)	U4	Field Project / Research Project	CBMATB604 CBPHYB604P CBCSCA602P
B.Com. (T.P)	U5	Field Project / Research Project	CBBCOMP603P
B.Com. (Computers)	U6	Field Project / Research Project	CBBCOMP603P
BCA	U7	Field Project / Research Project	CBBCA605
B.Sc. (MECS)	U8	Field Project / Research Project	CBMATB604 CBELEA603P CBCSCA602P

BBA	U9	Field Project / Research Project	CBPWB508P
B.Sc. (MSCS)	U10	Field Project / Research Project	CBMATB604 CBSTTA604 CBCSCA602P
B.Com. (Logistics)	U11	Field Project / Research Project	CBPWL608P
B.Sc. (MCCS)	U12	Field Project / Research Project	CBMATB604 CBCHEB604P CBCSCA602P
M.Sc. (CS)	P1	Field Project / Research Project	MCS40517
M.Com.,	P2	Field Project / Research Project	COM40617
MBA	P3	Field Project / Research Project	MBA40819
M.Sc. (OCH)	P4	Field Project / Research Project	OCH40517
MCA	P5	Field Project / Research Project	MCA40817
YEAR-5-2018-19			
B.Sc. (MPC)	U1	Field Project / Research Project	CBMATB604 CBPHYB604P CBCHEA604P
B.Sc. (CBZ)	U2	Field Project / Research Project	CBBOTB604 CBCHEB604P CBZOOB602P
B.Com. (General)	U3	Field Project / Research Project	CBPWG608P
B.Sc. (MPCs)	U4	Field Project / Research Project	CBMATB604 CBPHYB604P CBCSCA602P
B.Com. (T.P)	U5	Field Project / Research Project	CBBCOMP603P
B.Com. (Computers)	U6	Field Project / Research Project	CBBCOMP603P

BCA	U7	Field Project / Research Project	CBBCA605
B.Sc. (MECS)	U8	Field Project / Research Project	CBMATB604 CBELEA603P CBCSCA602P
BBA	U9	Field Project / Research Project	CBPWB508P
B.Sc. (MSCS)	U10	Field Project / Research Project	CBMATB604 CBSTTA604 CBCSCA602P
B.Com. (Logistics)	U11	Field Project / Research Project	CBPWL608P
B.Sc. (MCCS)	U12	Field Project / Research Project	CBMATB604 CBCHEB604P CBCSCA602P
M.Sc. (CS)	P1	Field Project / Research Project	MCS40517
M.Com.,	P2	Field Project / Research Project	COM40617
MBA	P3	Field Project / Research Project	MBA40817
M.Sc. (OCH)	P4	Field Project / Research Project	OCH40517
MCA	P5	Field Project / Research Project	MCA40817

**CURRICULUM FRAMEWORK INCLUDING
(COMMUNITY SERVICE PROJECTS &
INTERNSHIPS)**

K.B.N. COLLEGE (AUTONOMOUS)

CURRICULUM FRAMEWORK – 2022-2023

BACHELOR OF SCIENCES

ANNEXURE - II CBCS CURRICULAR FRAMEWORK (2020 - 21 ONWARDS) - BACHELOR OF SCIENCES															
Subjects	SEM I		SEM II		SEM III		SEM IV		SEM V		SEM VI				
	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits			
Languages															
English	4	3	4	3	4	3									
Language (H/T/S)	4	3	4	3	4	3									
Life Skill Courses	2	2	2	2	2+2	2+2									
Skill Development Courses	2	2	2+2	2+2	2	2									
Major 1	Core 1,2,3,& 4	4+2	4+1	4+2	4-1	4+2	4+1	4+2	4+1						
Major 2	Core 1,2,3,& 4	4+2	4+1	4+2	4-1	4+2	4+1	4+2	4+1						
Major 3	Core 1,2,3,& 4	4+2	4+1	4+2	4-1	4+2	4+1	4+2	4+1						
Major 1	Core-5							4+2	4+1						
Major 2	Core-5							4+2	4+1						
Major 3	Core-5							4+2	4+1						
Major 1	Skill Enhancement Courses (6 & 7)									4+2	4+1				
Major 2	Skill Enhancement Courses (6 & 7)									4+2	4+1				
Major 3	Skill Enhancement Courses (6 & 7)									4+2	4+1				
Major 3	Skill Enhancement Courses (6 & 7)									4+2	4+1				
Hrs/W (Academic Credits)		30	25	32	27	32	27	36	30	36	30		12	4	4
Project Work															
Extension Activities (Ncn)															
NCC/NSS/Sports/Extra Curricular										2					
Yoga						1		1							
Extra Credits															
Hrs/W (Total Credits)		30	25	32	27	32	28	36	33	36	30		12	4	4


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B.Com., BBA, BCA

ANNEXURE - III CBCS CURRICULAR FRAMEWORK (2020 - 21 ONWARDS) - B.Com., BBA, BCA etc.																
Subjects	SEM I		SEM II		SEM III		SEM IV		SEM V		SEM VI					
	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits				
Languages																
English	4	3	4	3	4	3										
Language (H/T/S)	4	3	4	3	4	3										
Life Skill Courses	2	2	2	2	2+2	2+2										
Skill Development Courses	2	2	2+2	2+2	2	2										
Core Courses***																
Core	5	4	5	4	5	4	5	4								
Core	5	4	5	4	5	4	5	4								
Core	5	4	5	4	5	4	5	4								
Core							5	4								
Core							5	4								
Core							5	4								
Core							5	4								
(Domain Related) Skill Enhancement Courses**** (SECs)									5	4						
									5	4						
									5	4						
									5	4						
									5	4						
Hrs/W (Academic Credits)		27	22	29	24	29	24	30	24	30	24		0	12	4	4
Project Work																
Extension Activities																
NCC/NSS/Sports/Extra Curricular									2							
Yoga						1		1								
Extra Credits																
Hrs/W (Total Credits)		27	22	29	24	29	25	30	27	30	24		0	12	4	4


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**APPROVED BOARD OF STUDIES MEETINGS -
(SCANNED COPIES)**



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DEPARTMENT OF UG CHEMISTRY

BOARD OF STUDIES MEETING

ACADEMIC YEAR – 2022-23

Vth / Vth / 22

KAKARAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V.Hindu High Schools Committee)

Kothapet, Vijayawada-1, Andhra Pradesh.

(An Autonomous Institution with affiliation to Krishna University, Machilipatnam)

DEPARTMENT OF CHEMISTRY

The Meeting of 16th Board of Studies in Chemistry is conducted in the Department Staff Room on 27-6-2022 at 10.00 AM under the Chairmanship of Dr.G. Krishnaveni, HoD, Dept. of Chemistry.

Minutes of the 16th Board of Studies meeting of Department of Chemistry- KBN College held on 27/6/2022 at 10.00 am in the Department of Chemistry.

Agenda:

1. To frame the syllabus for 5th semesters of III B.Sc. MPC, CBZ and MCCs programmes according to APSCHE guidelines.
2. Restructuring of internal and external assessment marks pattern
3. To review the 1st semester syllabus and Model Question Paper.
4. To introduce internship programme in 5th/6th semester of R20 batch students.
5. Any other item with the permission of the chairman.

KAKARAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V.Hindu High Schools Committee)

Kothapet, Vijayawada-1, Andhra Pradesh.

(An Autonomous Institution with affiliation to Krishna University, Machilipatnam)

Resolutions:

1. It is resolved to offer the following pairs of skill enhancement courses with course codes for theory and practical for 5th /6th semester students of III B.Sc MPC, CBZ and MCCs programmes according to APSCHE guidelines.

V / VI SEMESTER COURSE STRUCTURE

Course No.	Name of the Course	Course Code (Theory)	Course Code (Practical)
6A	Synthetic Organic Chemistry	R20CHEA501	R20CHEA501 P
7A	Analysis of Organic Compounds	R20CHEA502	R20CHEA502 P
(OR)			
6B	Analytical Methods in Chemistry-1	R20CHEB501	R20CHEB501 P
7B	Analytical Methods in Chemistry-1	R20CHEB502	R20CHEB502 P
(OR)			
6C	Industrial Chemistry-1	R20CHEC501	R20CHEC501 P
7C	Industrial Chemistry-2	R20CHEC502	R20CHEC502 P
(OR)			
6D	Environmental Chemistry	R20CHED501	R20CHED501 P
7D	Green Chemistry and Nanotechnology	R20CHED502	R20CHED502 P
(OR)			
6E	Analytical Methods in Chemistry	R20CHEE501	R20CHEE501 P
7E	Cosmetics and Pharmaceutical Chemistry	R20CHEE502	R20CHEE502 P

- Resolved to choose one pair from the above five alternate pairs of Skill Enhancement Courses.
2. Resolved to restructure the internal and external marks pattern to 60:40 with effect from 2022-2023.
 3. (a) It is resolved to follow the existing syllabus for the I Semester during the Academic Year 2022-2023.
(b) Resolved to frame the model question paper for the 1st Semester according to the restructured external and internal marks pattern assessment.
(c) Hence, Paper Code Changed from R20CHE101 to R20CHE101A from the Academic Year 2022-23.

4. Resolved to send the students of R20 Batch (2020-2023) for Internship Programme either in the V / VI Semester according to APSCHE guidelines.

DATE **KAKARAPARTI BHAVANARAYANA COLLEGE**

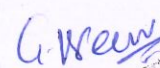

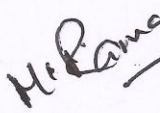
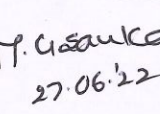
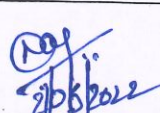
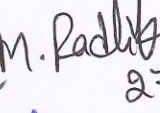
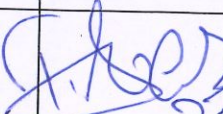
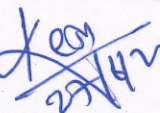
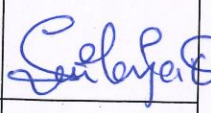
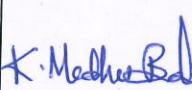
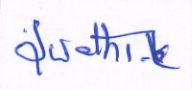
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Kothapet, Vijayawada-1, Andhra Pradesh.

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Name of the Department: Chemistry

Composition of Board of Studies on 27th June, 2022 at 10.00 am

S. No	Name of the BOS Member	Designation	Position	Signature
1.	Dr. G. Krishnaveni	Head Department of Chemistry KBN College	CHAIRPERSON	
2.	Dr. M.V. Basaveswara rao	Professor Head, Department of Chemistry Krishna University Dr. MRAR Campus, Nuzvid Ph. No. 9618446677 professormandava@gmail.com	UNIVERSITY REPRESENTATIVE	 27/06/2022
3.	Dr. M. Rama	Associate Professor, Department of Chemistry, Ch. S. D. St. Theresa's College for Women (A), Eluru Ph. No. 9912107611 Ramamanne65@gmail.com	SUBJECT EXPERT	
4.	Dr. M. Gowri Sankar	Head, Department of Chemistry, JKC College, Guntur. Ph. No. 9885913115 mgsankar@gmail.com	SUBJECT EXPERT	 27.06.22
5.	Sri G. Narendra	Shree Icon pharmaceuticals 9985840126 shreeiconpharma@gmail.com	INDUSTRY EXPERT	 27/6/22
6.	Smt. M. Radhika	S.D.M.S. Mahila Kalasala Vijayawada 8639207698 Radhukamendu@gmail.com	ALUMNUS	 27/6/22
7.	Dr. T. Bhagya Kumar	Lecturer Department of Chemistry KBN college	MEMBER	 27/6/22
8.	K.P.T. Vijaya Bhaskar	Lecturer Department of Chemistry KBN college	MEMBER	 27/6/22
9.	Smt. O. Sailaja	Assistant Professor Department of Chemistry KBN College	MEMBER	
10.	Ms. K. Madhubala	Assistant Professor Department of Chemistry KBN College	MEMBER	
11.	Smt. K. Swathi	Assistant Professor Department of Chemistry KBN College	MEMBER	



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DEPARTMENT OF BOTANY

BOARD OF STUDIES MEETING

ACADEMIC YEAR – 2022-23

KAKARAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V.Hindu High Schools Committee)
Kothapet, Vijayawada-1, Andhra Pradesh.
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DEPARTMENT OF BOTANY

The Meeting of Sixteenth Board of Studies in Botany is conducted in the Department Staff Room on 20.06.2022 at 2:30 PM under the Chairmanship of Shaik Ismaiel Ali Basha, HoD, Dept. of Botany.

Agenda:

1. To frame the syllabus for both theory and practical courses of 5th Semester for III B.Sc. (CBZ) Programme(R20 Batch) as per APSCHE Guidelines with effect from 2022-2023.
2. To discuss the Internship programme for III B.Sc. (CBZ) students.
3. To discuss the reformation of Internal and External Assessment marks.
4. To review the Syllabus & Model paper for both Theory & Practical courses of I Semester Students admitted during the Academic year 2022-23.
5. Any other item with the permission of the chairman.

S. I. A. Basha 20/6/22
Head of the Department of Botany
Kakaraparti Bhavanarayana College
VIJAYAWADA - 520 001

KAKARAPARTI BHAVANARAYANA COLLEGE

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Kothapet, Vijayawada-1, Andhra Pradesh.

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Resolutions:

1. It is resolved the Syllabus for the V semester/VI Semester of III B.Sc. CBZ was discussed and recommended to follow the APSCHE framework for 2020-2023 batch students.

Paper Code	Name of Course	Th. Hrs. / Week	IE Marks	EE Marks	Credits	Prac. Hrs./ Wk	Marks	Credits
R20BOTA501/ R20BOTA501P	Plant Propagation	3	25	75	3	3	50	2
R20BOTA502/ R20BOTA502P	Seed Technology	3	25	75	3	3	50	2

OR

Paper Code	Name of Course	Th. Hrs. / Week	IE Marks	EE Marks	Credits	Prac. Hrs./ Wk	Marks	Credits
R20BOTB501/ R20BOTB501P	Vegetable Crops – Cultivation Practices	3	25	75	3	3	50	2
R20BOTB502/ R20BOTB502P	Vegetable Crops – Post Harvest Practices	3	25	75	3	3	50	2

OR

Paper Code	Name of Course	Th. Hrs. / Week	IE Marks	EE Marks	Credits	Prac. Hrs./ Wk	Marks	Credits
R20BOTC501/ R20BOTC501P	Plant Tissue Culture	3	25	75	3	3	50	2
R20BOTC502/ R20BOTC502P	Mushroom Cultivation	3	25	75	3	3	50	2

OR

Paper Code	Name of Course	Th. Hrs. / Week	IE Marks	EE Marks	Credits	Prac. Hrs./ Wk	Marks	Credits
R20BOTD501/ R20BOTD501P	Gardening and Landscaping	3	25	75	3	3	50	2
R20BOTD502/ R20BOTD502P	Agroforestry	3	25	75	3	3	50	2

S. J. A. Babbar 20/6/22
Head of the Department of Botany
Kakaraparti Bhavanarayana College
VIJAYAWADA-520 001

2. It is resolved to send III B.Sc. (CBZ) students to Internship either in the V Semester or in the VI Semester as per the APSCHE Guidelines.

3. It is resolved to reform the Internal & External Assessment marks pattern 25:75 to 40:60 with effect from the Academic year 2022-23.

4. (a) Resolved to follow the same syllabus for I Semester.

(b) Resolved to frame the Model Question Paper for Semester End Examination for 60 Marks as per the new assessment marks pattern.

S. D. A. Bable 20/6/22
Head of the Department of Botany
Kakaraparti Bhavanarayana College
VILAYAWADA - 520 001



KBN COLLEGE
ESTABLISHED IN 1965



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

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DEPARTMENT OF COMMERCE & MANAGEMENT

BOARD OF STUDIES MEETING

ACADEMIC YEAR – 2022-23



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Kothapet, Vijayawada-1, Andhra Pradesh.



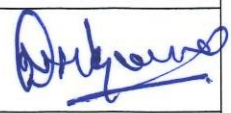









(An Autonomous Institution with affiliation to Krishna University, Machilipatnam)

Department of Commerce and Management

Composition of Board of Studies

On 1st July, 2022 at 10.00 am

S. No.	Name of the BOS Member	Designation	Position	Signature
01	Dr. G.V.S.R.N.S.A.SASTRY	Head of the Department	CHAIR PERSON	
02	Dr. G.NARAYANA RAO	Dr.LHR Government Degree College, Mylavaram	UNIVERSITY REPRESENTATIVE	
03	Dr. M.SAMBASIVUDU	Associate Professor Department of Commerce, JMJ College, Tenali	SUBJECT EXPERT	
04	Dr. R.S.N.SARMA	Head, Department of Commerce, Ch.S.D.St. Theresa Autonomous College for Women, Eluru	SUBJECT EXPERT	
05	Mr. A.MARUTI RAM	Express Printers, Hanumanpet, Vijayawada.	INDUSTRY EXPERT	ABSENT
06	Mr. NVENKATESH	Punjab National Bank, Vijayawada.	ALUMNUS	
07	Mr. Ch. SRINIVASA REDDY	Lecturer	MEMBER	
08	Mr. V. SESHAGIRI RAO	Lecturer	MEMBER	ABSENT
09	Dr. K.SIVA PRAKASA RAO	Lecturer	MEMBER	
10	Mr. T.VIJAYABABU	Lecturer	MEMBER	
11	Mr. D.PAVAN KUMAR	Lecturer	MEMBER	

12	Mr. B.V.MANO HAR BABU	Lecturer	MEMBER	
13	Mr. Ch. RAVINDRANATH	Lecturer	MEMBER	
14	Mr. N.HEMANTH KUMAR	Lecturer	MEMBER	
15	Mr. A.GOPALA KRISHNA	Lecturer	MEMBER	ABSENT
16	Smt. V.SAILAJA	Lecturer	MEMBER	V.S. 44
17	Mr. S.SURESH	Lecturer	MEMBER	
18	Dr. M.VENKATESWARA RAO	Lecturer	MEMBER	
19	Dr. A.SRINIVASA RAO	Lecturer	MEMBER	
20	Mr. M.ANAND SUDHAKAR	Lecturer	MEMBER	
21	Mr. K.VENKATA RATNAM	Lecturer	MEMBER	
22	Ms. K.SWARUPA RANI	Lecturer	MEMBER	
23	Ms. P.VYSHNAVI	Lecturer	MEMBER	ABSENT
24	Ms. P.L.V.D.LAVANYA	Lecturer	MEMBER	P. Lavanya
25	Ms. Sk.AYESHA BEGUM	Lecturer	MEMBER	
26	Ms. V.N.V.S.MANI	Lecturer	MEMBER	V.N.V.S. Mani
27	Mr. S.S.T.SAI	Lecturer	MEMBER	
28	Mr. M.SAIDA RAO	Lecturer	MEMBER	

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University, Machilipatnam)

DEPARTMENT OF COMMERCE AND MANAGEMENT

Minutes of the 17th Board of Studies meeting of Department of Commerce and Management, held on **1st July, 2022 at 10.00 am** in the Department of Commerce and Management staff room.

AGENDA:

1. To frame the syllabus for V/VI semester of III B.Com. General, TP, Logistics, Computers and BB
2. To introduce internship program for V/VI semesters of 2020-23 batch students
3. To modify internal and external assessment marks pattern to 40:60
4. To review I Semester syllabus and Model Question Paper pattern.
5. Any other item with the permission of the chair

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University, Machilipatnam)



DEPARTMENT OF COMMERCE AND MANAGEMENT

Resolutions:

- (a) Resolved to provide the following pairs of Skill Enhancement Courses for B.Com General, TP, Computers and Logistics of R20 Batch students as per new guidelines of APSICHE.

<i>Course No</i>	<i>Series A: Accountancy Course Name</i>	<i>Course No</i>	<i>Series B: Services Course Name</i>	<i>Course No</i>	<i>Series C: E Commerce Course Name</i>
16-A	Advanced Corporate accounting	16-B	Advertising and Media Planning	16-C	Digital Marketing
17-A	Software solutions to Accounting	17-B	Sales Promotion and Practice	17-C	Service Marketing
18-A	Management Accounting	18-B	Logistics services and Practice	18-C	Income Tax Procedure & Practice
19-A	Cost control Techniques	19-B	EXIM Procedure and practice	19-C	GST Procedure & Practice
20-A	Stock Markets	20-B	Life Insurance with Practice	20-C	E- Commerce
21-A	Stock Market Analysis	21-B	General Insurance with Practice	21-C	E-Filing

The pairs offered are as under

- (1) 16A & 17A, 18B & 19B and 20C & 21C
- (2) 16A & 17A, 18C & 19C and 20B & 21B
- (3) 16B & 17B, 18A & 19A and 20C & 21C
- (4) 16B & 17B, 18C & 19C and 20A & 21A
- (5) 16C & 17C, 18B & 19B and 20A & 21A
- (6) 16C & 17C, 18A & 19A and 20B & 21B

(b) Resolved to provide the following pairs of Skill Enhancement Courses for B.B.A. of R20 Batch students as per new guidelines of APSCHE.

Course No.	Series -A: HRM	Course No.	Series-B: Marketing Management	Course No.	Series-C: Financial Management
	Course Name		Course Name		Course Name
16 - A	Talent Management	16 - B	Export and Import Management	16 - C	Foreign Exchange Management
17 - A	Leadership	17 - B	Brand Management	17 - C	E - Payment System

18 - A	Stress Management	18 - B	Digital Marketing	18 - C	Income Tax Procedure & Practice
19 - A	Performance Management	19 - B	Retail Analytics	19 - C	GST Procedure & Practice

20 - A	HR Analytics	20 - B	Sales Promotion & Practice	20 - C	Stock Market
21 - A	HR Audit & Accounting	21 - B	B2B Marketing	21 - C	Stock Market Analysis

The pairs offered are as under

- (1) 16A & 17A, 18B & 19B and 20C & 21C
- (2) 16A & 17A, 18C & 19C and 20B & 21B
- (3) 16B & 17B, 18A & 19A and 20C & 21C
- (4) 16B & 17B, 18C & 19C and 20A & 21A
- (5) 16C & 17C, 18B & 19B and 20A & 21A
- (6) 16C & 17C, 18A & 19A and 20B & 21B

2. It is unanimously resolved to send the students to internship in their V/VI semester as per APCHE guidelines.

3. It is unanimously resolved to modify internal and external assessment marks pattern to 40:60

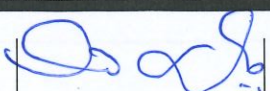
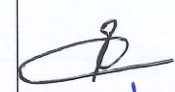
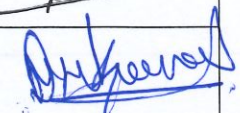
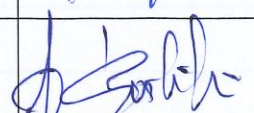
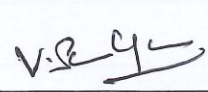
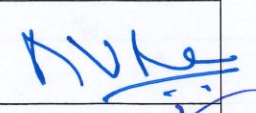
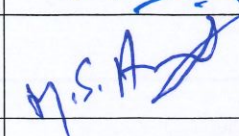
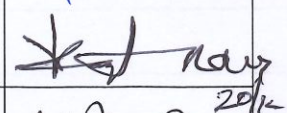
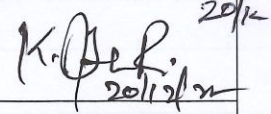
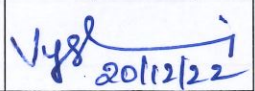
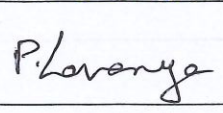
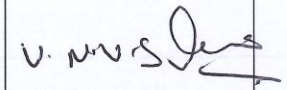
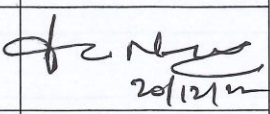
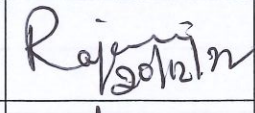
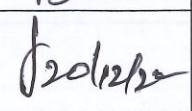
4. It is unanimously resolved to follow the existing syllabus for I Semester and modify I Semester Model Question Paper as per new assessment pattern with effect from 2022-23.

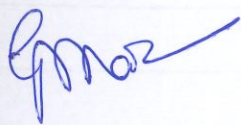


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Kothapet, Vijayawada-1, Andhra Pradesh.
(An Autonomous Institution with affiliation to Krishna University, Machilipatnam)
Department of Commerce and Management

Composition of Board of Studies
On 20th December, 2022 at 10.00 am

S. No.	Name of the BOS Member	Designation	Position	Signature
01	Dr. G.V.S.R.N.S.A.SASTRY	Head of the Department	CHAIR PERSON	
02	Dr. G.NARAYANA RAO	Dr.LHR Government Degree College, Mylavaram	UNIVERSITY REPRESENTATIVE	
03	Dr. M.SAMBASIVUDU	Associate Professor Department of Commerce, JMJ College, Tenali	SUBJECT EXPERT	
04	Dr. R.S.N.SARMA	Head, Department of Commerce, Ch.S.D.St. Theresa Autonomous College for Women, Eluru	SUBJECT EXPERT	
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15	Mr. A.GOPALA KRISHNA	Lecturer	MEMBER	
16	Smt. V.SAILAJA	Lecturer	MEMBER	
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21	Ms. P.VYSHNAVI	Lecturer	MEMBER	
22	Ms. P.L.V.D.LAVANYA	Lecturer	MEMBER	
23	Ms. V.N.V.S.MANI	Lecturer	MEMBER	
24	Mr. A. LAKSHMI NARAYANA	Lecturer	MEMBER	
25	Ms. K. RAJANI KUMARI	Lecturer	MEMBER	
26	Mr. M. JAYAVARDHAN	Lecturer	MEMBER	



RESEARCH PROJECT REPORTS
[FEW FOR REFERENCE]

An Internship Report on

Guideship of car accident and alcohol detection

using decoder Block ^{BOX} (Title of the Semester Internship

Program) Submitted in accordance with the requirement for

the degree of

Electronics Department

Under the Faculty

(Name of the Faculty Guide)

R. Uday Kumar

Department of

Electronics

KBN college
(Name of the College)

Submitted by:

SK. Nagar babu, K. Sai Kiran, N.L. Ganesh Kumar, M. Trinadh

(Name of the Student)

Reg. No: K2000314, 37, 39, 47

Department of Electronics

KBN college.

(Name of the College)

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Date: 05/01/2023

Internship Certificate

This is to certify that **K. Sai Kiran** bearing Code: **YRKR2212242** has successfully completed 600(Six Zero Zero) Hours internship with Spice Skills (DDU-GKY) as a Trainee Intern in the Electronic Design and Embedded Development Department from 12th Sep 2022 to 31st December 2022.

They have worked on the **Black Box Project** under the supervision and guidance of **D Srinivasa Reddy**. During the internship, he has gained several learning's such as **Embedded Programming using Arduino, PCB Designing and Soft Skills**.

Besides showing high comprehension capacity, managing assignments with the utmost expertise, and exhibiting maximal efficiency, he has also maintained an outstanding professional demeanor and showcased excellent moral character throughout the internship period.

I hereby certify his overall work as good to the best of my knowledge.

Wishing him the best of luck in his future endeavors.

Attendance: 85%

Viva Voce: 73%

For Spice Skills India LLP.
CH. NARAYANA RAO



SPICE SKILLS INDIA LLP.

Anjaini Road, Opp. Karthikesw Hospital,
Ongole - 527002, Prakasam dist. A.P. Tel:
08592 - 226833, Mob: 9246270222,
Email:spicetechnologies.ap@gmail.com
info@spicetechnologies.in



Date: 05/01/2023

Internship Certificate

It is to certify that **M. Trinadh** bearing Code: **YRKR2212408** has successfully completed **3600** (Six Zero Zero) Hours internship with Spice Skills (DDU-GKY) as a Trainee Intern in the **Electronic Design and Embedded Development Department** from **12th Sep 2022 to 31st December 2022**.

He has worked on the **Black Box Project** under the supervision and guidance of **D Srinivasa Reddy**. During the internship, he has gained several learning's such as **Embedded Programming, Arduino, PCB Designing and Soft Skills**.

We hereby certify his overall work as **Satisfactory** to the best of my knowledge.

Wishing him the best of luck in his future endeavors.

Attendance: **70%**

Oral Voice: **57%**

For Spice Skills India LLP:
CH. NARAYANA RAO



SPICE SKILLS INDIA LLP.
Anjanah Road, Opp: Karthikeya Hospital,
Guzlate - 523002, Prakasam dist., A.P. Tel:
08592 - 226833, Mob: 9246230333.
Email: spicetechnologies43@gmail.com
info@spicetechnologies.in



**PHYTOCHEMICAL SCREENING OF ACETONE, HYDRO ALCOHOLIC AND
AQUEOUS LEAF EXTRACT OF NUT GRASS**

A project is submitted for the partial fulfillment of the award of the
Degree of

MASTER OF SCIENCE IN ORGANIC CHEMISTRY

SUBMITTED BY

B. THIRUPATHAIAH (Reg. No: R20OCH004)

T. PAVAN KUMAR (Reg. No: R20OCH029)

V.V.S. KESAVA RAO (Reg. No: R20OCH030)



Guided By

Smt. G. KRISHNAVENI, M.Sc., M.Phil., Ph.D

Assistant Professor

P.G. Department of Chemistry

ISO: 9001-2008

Re-accredited at 'A' by NAAC

KAKRAPARTI BHAVANARAYANA COLLEGE

(Affiliated to Krishna University)

A COLLEGE WITH POTENTIAL FOR EXCELLANCE (CPE)

Kothapet, Vijayawada-1

2020-2022

KAKARAPARTHIBHAVANARAYANA COLLEGE
PG DEPARTMENT OF CHEMISTRY




CERTIFICATE

This is to certify that this project work entitled "PHYTOCHEMICAL SCREENING OF ACETONE, HYDRO ALCOHOLIC AND AQUEOUS LEAF EXTRACT OF NUT GRASS" being submitted by B. Thirupathaiah (R20OCH004), T. Pavan Kumar (R20OCH029) and V. Kesavarao (R20OCH30) in the partial fulfilment for the award of the Master of Science in Organic Chemistry during the academic year 2020-2022.


Lecturer In charge


Head of the Department


EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project work entitled "PHYTOCHEMICAL SCREENING OF ACETONE, HYDRO ALCOHOLIC AND AQUEOUS LEAF EXTRACT OF NUT GRASS" submitted to the K.B.N PG COLLEGE affiliated to KRISHNA UNIVERSITY, has been done by me under the guidance of Smt. G. KRISHNAVENI, M.Sc., M.Phil., Ph.D, Assistant Professor, PG Department of Chemistry, during the period of study in the college and that it has not formed the basis for the award of the Degree/Diploma of other similar title to any candidate of university.

VIJAYAWADA

Date: 9/7/22

SIGNATURE OF THE CANDIDATE

T. PAVAN KUMAR

B. Thirupathaiyal

N.V.S. Kesavaramo.

ACKNOWLEDGEMENT

I express my deepest gratitude to Smt. O. Saijala M.Sc., Assistant professor, P.G. Department of Chemistry (ORGANIC CHEMISTRY), whose encouragement, guidance and support enabled me to complete my project work successfully, I am greatly obliged to her for her valuable advice, critical suggestions and untiring support during the completion of my work.

My sincere thanks to Dr. G. Krishnaveni, Head of the Department of Chemistry, K.B.N. College, for her constant support and co-operation during the entire course.

My heartfelt gratitude to Dr. K. Kiran Kumar, Dr. M. Siva Kishore and Ms. K. Madhubala PG. Department of the chemistry, K.B.N. College for their constant encouragement and support throughout my course. I shall be indebted to him for his support.

My special thanks to Sri. S. VENKATESH, M.Phil Director, PG course for being a Course inspiration and constantly encouraging me throughout the course to pursue new goals and ideas.

Finally I bow my head in gratefulness to the **gracious god almighty** for his blessing that gave me the will power, dedication, perseverance, strength and stamina of my in achieving my goal.

T. PAVAN KUMAR

(Reg. No: R200CH029)

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Chapter-1

Introduction

PLANT INTRODUCTON

NUT GRASS Although not a grass species, the name 'nutgrass' is commonly used for this plant in Australia. It is also sometimes called 'nutsedge'. It usually grows to between 20 and 50cm tall, and occasionally taller under favourable conditions. Stems are erect, smooth, not branched, and triangular in cross-section.

Cyperus rotundus (coco-grass, Java grass, nut grass, purple nut sedge or purple nutsedge, red nut sedge, Khmer kravanh chruk is a species of sedge (Cyperaceae) native to Africa, southern and central Europe (north to France and Austria), and southern Asia.

SCIENTIFIC CLASSIFICATION



Kingdom:-	Plantae
Order:-	Poales
Family:-	Cyperaceae
GENUS:-	Cyperus
Species:-	Crotundus
Botanical Name:-	Cypreus rotundus
TeluguName:-	Tunagamasthu
Other Name:-	Java grass, coco grass

MORPHOLOGICAL CHARECTERSTICS

Cyperus rotundus, or Purple Nutsedge, is a perennial, glossy-green, grass-like Eurasian sedge or weed with an erect triangular stem branching into three stems of purple, antenna-like seedpods. Plants die back to the ground in fall, with new shoots emerging in spring from underground tubers. This species, as well as other sedges, grows best in wet sites, prefers warm weather and full sun conditions, but will grow in a diversity of sites and environments. Like its native cousin, Yellow Nutsedge (*Cyperus esculentus*), Purple Nutsedge spreads through slender elongated rhizomes and tubers found at the base of the stem and is destructive to crops in sunny, open fields and dry, disturbed soil. The rhizomes remove nutrients from the soil robbing their fellow plants and can be very difficult to remove. If you pull it up you can see the nut-like nodules that store the nutrients (and are edible) as well as a network of long roots. Unfortunately, once pulled up, the Nutsedge may leave broken roots to form more numerous roots and therefore, new plants in its place and seeds lay dormant for

several years. It is best to remove young plants and leave exposed roots in the sun to dry out. It is considered one of the world's worst weeds and is reported in more than 90 countries as a weed infesting at least 52 different crops.

Diseases, Insects, and Other Plant Problems:

No known insect or disease problems. This plant is allelopathic and removes nutrients from soil and its existence in a field significantly reduces crop yield. It is resistant to most herbicides and is one of the few weeds that cannot be stopped with plastic mulch.

occurrence

Nutgrass is a perennial weed plant from rhizomes and tubers. It can reach 2 1/2 feet in height. It is found throughout the southeastern United States as a common weed of agronomic and horticultural crops, nurseries, turfgrass, and landscapes.

Medical Uses

- ❖ Nut grass is a cooling in nature
- ❖ Its anti inflamantary property helps sooode redness
- ❖ Breakouts and inflamed skin
- ❖ Its has proven to treat severe skin condition
- ❖ Its is rich in fatty acid .
- ❖ Vitamins and flavanoids which are extremely beneficial for as well as hair.

❖ SOXHLET EXTRACTION

- ❖ It is the process of transferring partially soluble components of a solid to the liquid phase using a soxhlet extract.
- ❖ The solid is placed in a filter paper thimble which is then placed in to the main chamber of the soxhlet extractor.
- ❖ The solvent (heated to reflux) travels in to the main chamber and the partially soluble components are slowly transferred to the solvent.
- ❖ Soxhlet extractor is a laboratory apparatus invented by Franz von Soxhlet in the Year 1879 initially designed for the extraction of lipid from a solid material but a Soxhlet extractor is not limited to the extraction of lipids. Normally a soxhlet extractor is for the extraction of compounds with limited solubility in a solvent and the impurity is insoluble in that solvent.
- ❖ If the taken compound has a significant solubility in a water, then simple water (aqueous) can be used to separate the compound insoluble substances.
- ❖ The desired substance is placed in cellulose thimble, in the extraction chamber, the extraction chamber is placed over the collecting flask, over the extraction chamber is mounted the condensation chamber. A suitable solvent is added to the distillation flask, and set up is heated. After heating the solvent boils and evaporates and advances to the condenser through the bypass side arm.
- ❖ The vapour condenses and accumulates in the thimble, and siphoned in distillation flask.
- ❖ And the process is repeated continuously depending upon the substances used for the extraction.
- ❖ The main advantages of Soxhlet extraction is that it is a continuous process.



A PROJECT REPORT ON
**PHYTOCHEMICAL ANALYSIS AND FLAME PHOTOMETRY
STUDIES OF INULA RECEMOSA**

A project is submitted for the partial fulfilment of the award of the degree of
THE MASTER OF SCIENCE IN ORGANIC CHEMISTRY



SUBMITTED BY

PALLAVI. BATTU (Reg No:21OCH006)
SAI DURGA PRASAD. BATTULA (Reg No:21OCH007)
LOHITHA SHINY.CHINTHA (Reg No:21OCH008)
ROSHINI.CHIRUMAMILLA (Reg No:21OCH009)

Guided By

Dr. G. KRISHNAVENI *M.Sc., A.P.SET., M.Phil., Ph.D.*
Head of Department of chemistry

ISO: 9001-2015 certified

Re-accredited at 'A' by NAAC

DEPARTMENT OF CHEMISTRY
KAKRAPARTI BHAVANARAYANA COLLEGE(A)
VIJAYAWADA-520001

2021 – 23

KAKARAPARTI BHAVANARAYANA COLLEGE(A)

**A COLLEGE WITH POTENTIAL FOR EXCELENCE(CPE)
ACCREDITATION WITH A GRADE IN CYCLE 3 BY NACC**



CERTIFICATE

This is to certify that this project work entitled "PHYTOCHEMICAL ANALYSIS & FLAME PHOTOMETRY STUDIES OF INULA RECEMOSA" And the work is done by PALLAVI BATTU (Reg No:21OCH006); SAI DURGA PRASAD. BATTULA (Reg No:21OCH007); LOHITHA SHINY.CHINTHA (Reg No:21OCH008) and ROSHINI. CHIRUMAMILLA (Reg No:21OCH009) of final year of M.Sc chemistry in the partial fulfilment of the award of Master's Degree as a part of the curriculum of "KRISHNA UNIVERSITY" for the academic year 2021-2023.

A. Venkatesh

LECTURER INCHARGE

A. Venkatesh

HEAD OF THE DEPARTMENT

**Head of the Department of Chemistry
Kakaraparthi Bhavanarayana College
VIJAYAWADA**

[Signature]
EXTERNAL EXAMINAR

DECLARATION

I hereby declare that the project work entitled "PHYTOCHEMICAL ANALYSIS & FLAME PHOTOMETRY STUDIES OF INULA RECEMOSA" At VIJAYAWADA, KRISHNA Dt. A.P, INDIA., submitted to the K.B.N PG COLLEGE affiliated to KRISHNA UNIVERSITY, has been done by me under the guidance of Dr . G. KRISHNAVENI *M.Sc., A.P.SET., M.Phil, Ph.D.* During the period of study in the college and that it has not formed the basis for the award of the degree/diploma of other similar title to any candidate of university.

VIJAYAWADA,

Date;



Signature of the candidate.

B. Pallavi
CH. Lolitha Shiny
CH. Rashini

ISO: 9001-2015 Certified

NRF 92nd RANK CPE

Re-Accredited NAAC "A"

KAKARAPARTHI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

[An Autonomous college in the jurisdiction of Krishna University, Machilipatnam - 521 001]
KOTHAPET, VILAYAWADA - 520 001



A PROJECT REPORT ON

"SMART BRIDGE HEALTH MONITORING SYSTEM"

Submitted in partial fulfilment of the requirement for the award of
BACHELOR OF SCIENCE

In

MATHEMATICS ELECTRONICS AND INTERNET OF THINGS

By

A. Jnana Phani 205110

D. Vaishnavi 205128

Under the Guidance of

Sri. R. UDAY KUMAR, M.Sc., M.Sc(Tech)

LECTURER IN ELECTRONICS

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ABSTRACT

The increase in the demand for the structural health monitoring information led to the development of the structural health monitoring. The bridges may collapse or be tilted due to concrete problems or due to flooding or due to excess overloading on the bridge. So, there's a requirement to design a system which will monitor the condition of the bridges. Till date, most of the SHM systems face challenges functioning at real-time and therefore the monitoring amenities are not yet established properly. To overcome this problem, Internet of Things is often used, by which we can monitor the system from anywhere. Such a system will help in disaster management and human safety. This system is composed of: Monitoring devices installed in the bridge environment, communication devices connecting the bridge monitoring devices and also a cloud-based server with a dynamic database that stores bridge condition data. This cloud-based server calculates, and analyses data transmitted from the monitoring devices. The system can monitor and analyze in real time the condition of a bridge and its environment, including the water levels, fluctuation in vibrations. The data will be stored and can be checked remotely from any mobile device. This system is validated by employing a test bed in the lab.

Key Words: Node MCU, Sensors, IoT, Data Analysis.

1 - INTRODUCTION

Structural Health Monitoring (S.H.M) is a vital tool to enhance the safety and maintainability of critical structures like bridges. SHM delivers real-time and accurate information about the concerned structure giving detailed information about its condition. Now-a-days due to incidents of bridges or change in deflection of the bridge structure, or bridge piers severely damaged by moisture, or by excess variation in vibration are frequently reported annually. Different disasters and damaged sites require different professional disaster rescue knowledge and equipment to realize optimal rescue results. However, lack of data about the damage site can impede information management at the rescue center and operation, leading to poor rescue efficiency or maybe preventable casualties. Generally, to perform SHM, firstly, data must be collected using sensors. The different types of sensors are often used by SHM to generate the signals traveling through solid configurations. Later, this data is collected from the sensors and must be analyzed by applying different signal processing techniques, because a minor variation within the system is triggered by various factors like noises, temperature changes, environmental effects, might cause significant changes within the response from the sensors, concealing the potential signal changes due to structural defects. Therefore, during this study, the IoT, Sensor networks are adopted to resolve the above-mentioned problems of bridge safety information transmission and management by developing an IoT-based bridge safety monitoring system capable of monitoring the environmental data of a bridge and transmitting the data to the mobile devices of bridge safety management. The system developed in this study can help promote the advancement of bridge safety management and control by providing breakthroughs to the above-mentioned problems of conventional systems. For developing bridge monitoring system, following technologies are going to be used. Diverse theories have been proposed and implemented to fulfil distinct requirements of structures. Integration of these various theories has helped not only to enhance the efficiency and performance of the SHM systems but also to scale back the computational time and costs. In order to share data and ensure reliability, the SHM systems use network-based services to coexist and interact with smart interconnected devices that are referred to as the IoT. The IoT brings new opportunities for our society. With the maturity of the IoT, one of the recent challenges within the structural engineering community is development of the IoT SHM systems which can provide a promising solution for rapid, accurate, and low-cost SHM

systems. Moreover, the combination of SHM, and therefore the IoT enabled ubiquitous services and powerful processing of sensing data streams beyond the potential of traditional SHM system. In this paper, an entire SHM platform embedded with IoT is proposed to detect the damage in bridges.

Following are some of the advantages of SHM system:

- The continuous monitoring of the structure since sensors are a part of it.
- The possibility of real-time damage detection.
- An automated inspection process to reduce the number of unnecessary maintenance tasks, thereby improving the economic benefits.



Thotakā Technologies India Private Limited
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Ref: TTPL/INT/2023-24/003
Date: 21/04/2023

INTERNSHIP CERTIFICATE

This is to certify that Mr.Ambadipudi Gura Jnana Phani, S/O Mr. Ambadipudi S R N Prasad Bahur student of B SC (IoT) 3rd year 6th Semester in Kakaraparthi Bhavanarayana college, Vijayawada has successfully completed 03 (Three) months From 16th January 2023 to 16th April 2023 long internship program at this Branch/Company. During the period of his internship program with us, he was found to be punctual, hardworking, and inquisitive.

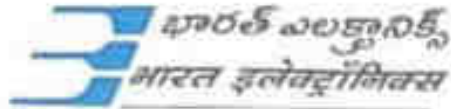
We wish him every success in life.

For Thotakā Technologies India Private Limited




Ashwini Kumar Upadhyay
Manager

Thotakā Technologies India Private Limited
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ಮಂಡಲಾಂಶ ಯುಗ್ಮ: ೧೧೬, ೧೧, ಕೆ.ನ.೨೬,

ಮಾಚಿಲಪಟ್ಟಣ - ೫೨೧ ೦೦೧, ತೆ.ಕೆ. ೫೧೫

BHARAT ELECTRONICS LIMITED

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CERTIFICATE

This is to certify that Ms. **DONDAPATI VAISHNAVI** Regd No K2001428, student of **BSC (IOT)** from **K.B.N College, Vijayawada** has undergone **"INTERNSHIP"** in our **DEVELOPMENT AND ENGINEERING DEPARTMENT** from **19.01.2023** to **19.04.2023**

During the training period the student was found to be hard working & well behaved.

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**FIELD PROJECT REPORTS
(FOR REFERENCE)**

A PROJECT WORK

SUBMITTED TO

THE CHEMISTRY DEPARTMENT

KBN COLLEGE, VIJAYAWADA

ON

**"DETECTION OF ADULTERANTS IN FOOD
MATERIALS AT HOME"**



SUBMITTED BY:

S. HARIKA BHAVANI (203827)

P.SAI DIVYA (203829)

P. LAKSHMI DURGA (203830)

R.T.L.G. MANOJNA (203831)

V.APARNA (203836)

UNDER THE GUIDANCE OF:

DR. G. KRISHNAVENI

ASSOCIATE PROFESSOR

DEPARTMENT OF CHEMISTRY

KBN COLLEGE, VIJAYAWADA.

DECLARATION

We hereby declare that The Community Service Project entitled "DETECTION OF ADULTERANTS IN FOOD MATERIALS AT HOME" submitted to the Department of Chemistry, K.B.N COLLEGE affiliated to KRISHNA UNIVERSITY, has been done by us under the guidance of DR. G. KRISHNAVENI, Head, Department, Chemistry, during the period of February-March, 2022 after 1st year examinations. We further declare that this project or any part of it has not been submitted elsewhere for any other class.

Date:

Signature of the Candidates

S. H. P.

P. Durga

P. Laxshmi Durga

R. Manoj

V. Anu

KAKARAPARTI BHAVANARAYANA COLLEGE

DEPARTMENT OF CHEMISTRY

CERTIFICATE



The Community Service Project entitled "DETECTION OF ADULTERANTS IN FOOD MATERIALS AT HOME" being submitted by R.T.L.G. Manojna , bearing Roll No. 203831, P. Divya , bearing Roll No. 203829, V. Aparna, bearing Roll No. 203836, S. Harika Bhavani, bearing Roll No. 203827 and P. Lakshmi Durga, bearing Roll No. 203830 completed their first Internship after 1st year examinations.

LECTURER INCHARGE

HEAD OF THE DEPARTMENT

ACKNOWLEDGEMENT

We would like to express our greatest gratitude to the people who have helped & supported us throughout our project. We are grateful to our teacher, **DR.G. KRISHNAVENI** for her continuous support for the project, from initial advice & contacts in the early stages of conceptual inception & through ongoing advice & encouragement to this day.

I also express my gratitude to Dr. T. Bhagya Kumar, Sri K.P.T. Vijay Bhaskar and Smt. O. Sailaja, lecturers, Department of Chemistry for their support and encouragement in completing this project.

We wish to thank our parents for their undivided support and interest who inspired us and encouraged us to go on our way, without whom we would be unable to complete our project. Finally, a special thanks to our project team.

R.T.L.G. Manojna

P. Sai Divya

V. Aparna

P. Lakshmi Durga

S. Harika Bhavani

CONTENTS

1. Aim and objective of the study
2. Introduction
3. Problem specification
4. Problems taken up
5. Problem analysis
6. Methodology
7. Recommendations and conclusions
8. References

AIM AND OBJECTIVE OF THE STUDY:

Food adulterants are cheaper substances that are added to food and thereby adversely affect the nature and quality of the food. Some adulterants are found to be hazard to human health especially if consumed over a long period. Un-permitted food additives or permitted food additives added in excess; both can cause serious damage to health. The use of artificial colours like Orange II affects growth and affects the functioning of vital organs like the liver, kidneys, heart spleen, lungs, bones and the immune systems. The commonly used metanil yellow could be injurious to the stomach, ileum, rectum, liver, kidney, ovary and testis. All the non-permitted colours can also bring changes in genes, mostly it has been identified as potential cancer-causing agents. Recently, a major Indian supplier was caught and had to destroy tons of turmeric for dangerous adulteration using metanil yellow and red oxide of lead – which is highly carcinogenic.

INTRODUCTION:

Adulteration of food commonly defined as "the addition or subtraction of any substance to or from food, so that the natural composition and quality of food substance is affected". Adulteration is either intentional by either removing substances to food or altering the existing natural properties of food knowingly. Unintentional adulteration is usually attributed to ignorance's, carelessness or lack of facilities for maintaining food quality.

TYPES OF ADULTERANTS:

Type	Substances Added
Intentional Adulterants	Sand, marble chips, stones, mud, other filth, talc, chalk powder, water, mineral oil and harmful colour.
Incidental adulterants	Pesticide residues, droppings of rodents, larvae in foods.
Metallic contaminants	Arsenic from pesticides, lead from water, effluent from chemical industries, tin from cans.

POISONOUS OR DELETERIOUS SUBSTANCES:

Generally, if a food contains a poisonous or deleterious substance that may render it injurious to health, it is adulterated. For example, apple cider contaminated with *E. coli* O157:H7 and Brie cheese contaminated with *Listeria monocytogenes* are adulterated.

If a food contains a poisonous substance in excess of a tolerance, regulatory limit, or action level, mixing it with "clean" food to reduce the level of contamination is not allowed. The deliberate mixing of adulterated food with good food renders the finished product adulterated.

FILTH AND FOREIGN MATTER:

Filth and extraneous material include any objectionable substances in foods, such as foreign matter (for example, glass, metal, plastic, wood, stones, sand, cigarette butts), undesirable parts of the raw plant material (such as stems, pits in pitted olives, pieces of shell in canned oysters), and filth (namely, rot, insect and rodent parts, excreta, decomposition).

PROBLEM SPECIFICATION:

How can Adulteration be Prevented?

According to the National Health Service and Food Research Institute, several food products have been adulterated to increase the quantity and make more profit. This practice of adding adulterants to food products are quite common in all in developing countries and other backward countries.

Every year, the 7th of April is celebrated as the World Health Day globally and as per the reports, WHO aims to bring a general awareness about the adulterations of food products, motivate and inspire everybody to have a healthy, balanced diet.

Here are certain safety tips to avoid Adulteration:

- Avoid dark coloured, junk and other processed foods.
- Make sure to clean and store all the grains, pulses and other food products.
- Wash fruits and vegetables thoroughly in running water before they are used.
- Check if the seal is valid or not, before buying food products like milk, oil and other pouches.
- Always make sure to check and buy products having an FSSAI-validated label, along with the license number, list of ingredients, manufactured date, and its expiration.

PROBLEMS TAKENUP:

Food Adulteration- And its Impact on Our Health:

To define it simply, food adulteration marks the depreciation in the quality of food i.e. unsafe and substandard for human consumption. The quality is lowered either by the addition of inferior quality material or by the extraction of a valuable

RECOMMENDATIONS AND CONCLUSIONS:

Indian food is incomplete without the addition of spices. If adulterated spices are consumed daily there will be a health hazard like nausea, anemia, paralysis, brain damage, abortions, insomnia, vomiting, constipation and even mental retardation. The safest way to avoid adulterated spices is to purchase properly packed spices containing either an ISI mark or an Agmark from a trusted source. If someone is selling adulterated products strict actions should be taken against them by the government. So it is also wise to purchase raw spices and grind them at home to get a powder which is real, fresh safer also.

The information on awareness of methods to avoid adverse health effects caused by food adulteration has conducted nearly 50 houses of Ambapuram village and it helps the people to understand different methods to prevent food adulteration.

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ambapuram, Andhra Pradesh, India

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INTERNSHIPS – BOOK

Name of the Student : D. Naga Sai Kumar
Class : II - Bsc (MCS)
Roll No. : 203847
Academic Year : 2020 - 2021

Internship Log Book

Department: Chemistry

GROUP: B.Sc MCCS

First internship (----- after 1st year examinations): Community Service Project

Learning outcomes: • To facilitate an understanding of the issues that confronts the vulnerable / marginalized sections of the society.

- To initiate team processes with the student groups for societal change.
- To provide students an opportunity to familiarize themselves with urban / rural community they live in.
- To enable students to engage in the development of the community.
- To plan activities based on the focused groups.
- To know the ways of transforming the society through systematic programme implementation.

Name of the Student	Roll Number	Group
<u>D. Naga Sai Kumar</u>	<u>203847</u>	<u>MCCS</u>

The Project Report should contain:

- a) Introduction, scope, objectives, and methodology
- b) Project specifications (area / background of the work assigned).
- c) Problems identified.
- d) Analyses of the problems
- e) Community awareness programmes conducted w.r.t the problems and their outcomes.
- f) Intervention/service programmes taken up
- g) Short-term and long term action plan for implementation
- h) Recommendations and conclusions.
- i) References

STUDENT DAY TO DAY ACTIVITIES

WEEK-1	
DATES	7 th Feb 2022 - 12 th Feb 2022
DAY-1 7 th Feb 2022	Selection of Study Area
DAY-2 8 th Feb 2022	problem identified for project
DAY-3 9 th Feb 2022	Introduction for safe drinking water
DAY-4 10 th Feb 2022	various types of water resources
DAY-5 11 th Feb 2022	Effects of polluted water
DAY-6 12 th Feb 2022	scope on water resources

Supervisor comments:

work completed inttime.

D. Rajasikhar
Student signature

G. K. S. S.
Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-2

DATES	
	21 st Feb 2022 - 26 th Feb 2022
DAY-1 21 st Feb 2022	Survey on households
DAY-2 22 nd Feb 2022	Survey on households
DAY-3 23 rd Feb 2022	Survey on households
DAY-4 24 th Feb 2022	Survey on households
DAY-5 25 th Feb 2022	Survey on households
DAY-6 26 th Feb 2022	Survey on households

Supervisor comments:

Completed Intime.

D. Nagarajana
Student signature

A. K. K.
Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-3	
DATES	7 th Nov 2022 - 12 th Nov 2022
DAY-1 7 th Nov 2022	Identification of safe drinking water
DAY-2 8 th Nov 2022	problem Identified on drinking water
DAY-3 9 th Nov 2022	Problem Identified on drinking water
DAY-4 10 th Nov 2022	Awareness on drinking water
DAY-5 11 th Nov 2022	Awareness on drinking water
DAY-6 12 th Nov 2022	Methodology

Supervisor comments:

work assigned in week-3 was completed.

D. Nigam
Student signature

Gilken
Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-4	
DATES	21 st Nov 2022 - 26 th Nov 2022
DAY-1 21 st Nov 2022	observations and recommendations
DAY-2 22 nd Nov 2022	observations and recommendations
DAY-3 23 rd Nov 2022	Conclusion
DAY-4 24 th Nov 2022	References
DAY-5 25 th Nov 2022	preparation of report
DAY-6 26 th Nov 2022	preparation of report

Supervisor comments:

work completed in time.

D. Aggarwal
Student signature

G. Kaur
Signature of supervisor

The assessment for the Community Service Project implementation

Name of the Student:	D. Naga Sai Kumar	
Class & Year of Study	II - B.Sc (MCCS) 2020-2023	
Registered Number	KE001247	
Assessment Component	Max Marks	Submit/Presented
1. Project Log	20	✓ YES/NO
2. Project implementation	30	✓ YES/NO
3. Project Report	25	✓ YES/NO
4. Presentation	25	✓ YES/NO
TOTAL OUT OF 100	100	

Supervisor Report after Completion of First Internship:

Community service Project titles

"Access to safe drinking water" was completed after completion of 2nd semester.


Signature of HOD


Signature of Supervisor

Internship Log Book

Department: Chemistry

GROUP: B.Sc M.C.S

Second Internship (----- after 2nd year examinations): Apprenticeship / Internship /

On the job training / In-house Project / Off-site Project.

Learning outcomes:

- Explore career alternatives prior to graduation.
- Integrate theory and practice.
- Assess interests and abilities in their field of study.
- Learn to appreciate work and its function towards future.
- Develop work habits and attitudes necessary for job success.
- Develop communication, interpersonal and other critical skills in the future job.
- Build a record of work experience.
- Acquire employment contacts leading directly to a full-time job following graduation from college.
- Acquire additional skills required for world of work.

Name of the Student	Roll Number	Class
D. Naga Sai Kumar	203847	M.C.S

The assessment for Project Implementation during second internship / Project Work / On the Job Training / Apprenticeship shall include the following components and based on the entries of Project Log and Project Report:

- a. Involvement in the work assigned
 - b. Regularity in the work assigned
 - c. New knowledge acquired
 - d. New skill acquired
- The Project Report should contain:

- a. Introduction.
- b. Project specifications (area / background of the work assigned),
- c. Problems taken up.
- d. Analysis of the problem.
- e. Recommendations and conclusions.

The Project Presentation is to be made by the student after he/she reports back to the College.

The components for assessment are –

- a. assessing the involvement in the project
- b. presentation skills
- c. final outcome of the project as evinced by the student.

STUDENT DAY TO DAY ACTIVITIES

WEEK-1	
DATES	05 July 2022 - 13 July 2022
DAY-1 05 July 2022	Visiting the laboratory
DAY-2 06 July 2022	Observation of production block
DAY-3 08 July 2022	Equipment Analysis
DAY-4 11 July 2022	Equipment observation
DAY-5 12 July 2022	Analysis of reactors
DAY-6 13 July 2022	Types of reactors explanation

Supervisor comments:

Assigned work was complete

D. Ngumbi
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-2

WEEK-2	
DATES	22 July 2022 - 27 July 2022
DAY-1 22 July 2022	Types of products explanation
DAY-2 23 July 2022	Analysis of MGH product
DAY-3 24 July 2022	Analysis of CEI-II product
DAY-4 25 July 2022	Analysis of ECE product
DAY-5 26 July 2022	Learning the procedure of product
DAY-6 27 July 2022	Equipment handling

Supervisor comments:

Allotted work was completed

D. Nigraibinas
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-3

WEEK-3	
DATES	05 Aug 2022 - 13 Aug 2022
DAY-1	05 Aug 2022
	observation of ANFD [Agitated Nutsche filter/dryer]
DAY-2	06 Aug 2022
	Explanation of ANFD procedure
DAY-3	08 Aug 2022
	Detail analysis of ANFD process
DAY-4	11 Aug 2022
	Equipment operation explanation
DAY-5	12 Aug 2022
	Equipment operation learning
DAY-6	13 Aug 2022
	Equipment operation handling

Supervisor comments:

Alloted work was completed

D. Nigambas
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-4	
DATES	22 Aug 2022 - 27 Aug 2022
DAY-1 22 Aug 2022	Observation of distillation Column
DAY-2 23 Aug 2022	Explanation of distillation Column procedure
DAY-3 24 Aug 2022	Detail analysis of distillation Column process
DAY-4 25 Aug 2022	Equipment operation explanation
DAY-5 26 Aug 2022	Equipment operation learning
DAY-6 27 Aug 2022	Equipment operation handling

Supervisor comments:

Assigned work was completed

D. Nigam
Student signature


Signature of supervisor

The assessment for Project Implementation during second internship / Project Work / On the Job Training / Apprenticeship

Name of the Student:	D. Naga Sai Kumar	
Class & Year of Study	II - B.Sc (MCCS)	
Registered Number	K2001247	
Assessment Component	Max Marks	Submit/Presented
1. Project Log	20	✓ YES/NO
2. Project Implementation	30	✓ YES/NO
3. Project Report	25	✓ YES/NO
4. Presentation	25	✓ YES/NO
TOTAL OUT OF 100	100	✓ YES/NO

Supervisor Report after Completion of Second Internship:

Project on: detail analysis of chemical drug preparation was completed


Signature of HOD


Signature of Supervisor

Internship Log Book

Department: Chemistry

GROUP: B.Sc. M.C.S.

Third internship (5th/6th Semester period):

Learning outcomes

- Explore career alternatives prior to graduation.
- Integrate theory and practice.
- Assess interests and abilities in their field of study.
- Learn to appreciate work and its function towards future.
- Develop work habits and attitudes necessary for job success.
- Develop communication, interpersonal and other critical skills in the future job.
- Build a record of work experience.
- Acquire employment contacts leading directly to a full-time job following graduation from college.

STUDENT DAY TO DAY ACTIVITIES

WEEK-1	
DATES	17-08-2022 - 23-08-2022
DAY-1 17-08-2022	visiting the laboratory
DAY-2 18-08-2022	observation of production block
DAY-3 19-08-2022	Equipment Analysis
DAY-4 20-08-2022	Equipment Analysis
DAY-5 22-08-2022	Equipment observation
DAY-6 23-08-2022	Equipment observation

Supervisor comments:

Given work was completed

D. Nigraldas
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-2	
DATES	24-08-2022 - 30-08-2022
DAY-1 24-08-2022	Types of products explanation
DAY-2 25-08-2022	Analysis of each product
DAY-3 26-08-2022	Analysis of ferrous-p product
DAY-4 27-08-2022	Analysis of fluid product
DAY-5 29-08-2022	Learning the procedure of product
DAY-6 30-08-2022	Learning the procedure of product

Supervisor comments:

Given work was completed

D. Nageshwar
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-3	
DATES	31-08-2022 - 06-09-2022
DAY-1 31-08-2022	Explaining the sizing process
DAY-2 01-09-2022	Explaining the power blending process
DAY-3 02-09-2022	Explaining the Granulation process
DAY-4 03-09-2022	Explaining the Drying process
DAY-5 05-09-2022	Explaining the Compression process
DAY-6 06-09-2022	Explaining the pressing process

Supervisor comments:

Given work was completed

D. Nagarajan
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-4	
DATES	07-09-2022 - 13-09-2022
DAY-1 07-09-2022	Detail Analysis of sizing process
DAY-2 08-09-2022	Detail Analysis of blending process
DAY-3 09-09-2022	Detail Analysis of Granulation process
DAY-4 10-09-2022	Detail Analysis of Drying process
DAY-5 12-09-2022	Detail Analysis of Compression process
DAY-6 13-09-2022	Detail Analysis of pressing process

Supervisor comments:

Given work was completed

D. Rajashekar
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-5	
DATES	14 - 09 - 2022 - 20 - 09 - 2022
DAY-1 14 - 09 - 2022	Explanation of tablet testing
DAY-2 15 - 09 - 2022	Explanation of Tablet deduction
DAY-3 16 - 09 - 2022	Explanation of Fette machine
DAY-4 17 - 09 - 2022	Explanation of physical properties of powder
DAY-5 19 - 09 - 2022	Explanation of shape of powder
DAY-6 20 - 09 - 2022	Explanation of packing of powder

Supervisor comments:

Given work was completed


Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-6	
DATES	21-09-2022 - 27-09-2022
DAY-1 21-09-2022	Detail Analysis of Testing of tablet
DAY-2 22-09-2022	Detail Analysis of Tablet disintegration
DAY-3 23-09-2022	Detail Analysis of Fette machine
DAY-4 24-09-2022	Detail Analysis of Physical properties of product
DAY-5 26-09-2022	Detail Analysis of shape of product
DAY-6 27-09-2022	Detail Analysis of packing of product

Supervisor comments:

Given work was completed

D. Nigrala
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-7

WEEK-7	
DATES	28-09-2022 - 04-10-2022
DAY-1 28-09-2022	Introduction of p-formal product
DAY-2 29-09-2022	Explanation of use of the product
DAY-3 30-09-2022	Explanation of benefits of product
DAY-4 01-oct-2022	Explanation of side effect of the product
DAY-5 03-10-2022	Explanation of causes of the product
DAY-6 04-10-2022	Explanation of working process of product

Supervisor comments:

Given work was completed

D. Nigam
Student signature

[Signature]
Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-8	
DATES	05-10-2022 - 11-10-2022
DAY-1 05-10-2022	Introduction of fluid tablet
DAY-2 06-10-2022	Explanation of use of products
DAY-3 07-10-2022	Explanation of benefits of products
DAY-4 08-10-2022	Explanation of side effects of the products
DAY-5 10-10-2022	Explanation of causes of the product
DAY-6 11-10-2022	Explanation of working process of product

Supervisor comments:

Given work was completed

D. Nigralan
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-9

DATES	
	12-10-2022 - 18-10-2022
DAY-1 12-10-2022	Introduction of desktop tablet presses
DAY-2 13-10-2022	Introduction of Rotary tablet presses
DAY-3 14-10-2022	Introduction of powder mixer
DAY-4 15-10-2022	Introduction of Tablet press loading
DAY-5 17-10-2022	Introduction of Film coating machine
DAY-6 18-10-2022	Introduction of Capsule polisher

Supervisor comments:

Given work was completed

D. Nagaraj
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-10	
DATES	19-10-2022 - 25-10-2022
DAY-1 19-10-2022	Explain working process of Desktop tablet presses
DAY-2 20-10-2022	Explain working process of Rotary tablet presses
DAY-3 21-10-2022	Explain working process of powder mixture
DAY-4 22-10-2022	Explain working process of tablet press tooling
DAY-5 24-10-2022	Explain working process of Film Coating
DAY-6 25-10-2022	Explain working process of Capsule polishing

Supervisor comments:

Given work was completed

D. Nageshwar
Student signature


Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-11	
DATES	26-10-2022 - 01-11-2022
DAY-1 26-10-2022	observing the manufacturing process of medicine
DAY-2 27-10-2022	Explanation about manufacturing process of medicine
DAY-3 28-10-2022	detail analysis of manufacturing process of medicine
DAY-4 29-10-2022	Packing and loading the material into vehicles
DAY-5 31-10-2022	checking the weights of the products
DAY-6 01-11-2022	Explanation of precautions of product

Supervisor comments:

Given work was completed

D. Nagesh
Student signature

[Signature]
Signature of supervisor

STUDENT DAY TO DAY ACTIVITIES

WEEK-12	
DATES	09-11-2022 - 15-11-2022
DAY-1 09-11-2022	observing the medicine working process
DAY-2 10-11-2022	Exploration of medicine working process
DAY-3 11-11-2022	Detail analysis of working process of medicine
DAY-4 12-11-2022	observation of safety measures of medicines
DAY-5 14-11-2022	Exploration of safety measures of medicines
DAY-6 15-11-2022	Exploration of precautions of the medicine

Supervisor comments:

Given work was completed

D. Nagarajan
Student signature


Signature of supervisor

Assessment model for the semester long apprenticeship / on the job training / internships during the VI Semester:

Name of the Student:	D Naga Sai kumar	
Class & Year of Study	III - B.Sc (MCCS)	
Registered Number	K2001247	
Internal Assessment Component	Max Marks	SUBMIT/PRESENTED
1. Project Log	10	YES/NO ✓
2. Project implementation	20	YES/NO ✓
3. Project Report	10	YES/NO ✓
4. Presentation	10	YES/NO ✓
TOTAL	50	YES/NO ✓
External Assessment Component	Max. Marks	SUBMIT/PRESENTED
Performance Assessment by the Evaluation Committee, converting the grades awarded by the industry, enterprise, etc.	100	YES/NO ✓
External Viva Voce	50	YES/NO ✓
GRAND TOTAL	200	YES/NO ✓

Student internship / Project Work / On the Job Training / Apprenticeship Performance Evaluation

Term of Internship: From dd/mm/yyyy To dd/mm/yyyy	17-08-2022 To 17-11-2022
Date of Evaluation:	02-01-2023
Student Name: & Registration No:	D. Naga Sai kumar K2001247
Organization Name & Address:	Padma's Laboratories Pvt Ltd Chinnayakanahalli, Gannuram, Mysuru, 521236
Name of the Supervisor:	G. Kaishraveri madam
Supervisor email/phone:	gkveri2003@gmail.com
Faculty Internship Coordinator:	G. Kaishraveri madam

Rating Scale:

Oral communication	Good
Written communication	Good
Initiative	Good
Interaction with staff	Good
Attitude	Good
Dependability	Good
Ability to learn	Good
Planning and organization	Good
Professionalism	Good
Creativity	Good
Quality of work	Good
Productivity	Good
Progress of learning	Good
Adaptability to organization's culture/policies	Good
OVERALL PERFORMANCE	Good

Supervisor Report after Completion of Third Internship:

Good Internship was completed


Signature of the Supervisor


Signature of HOD


Signature of the HR Manger

(Dr. V. SREERAM)

CERTIFICATES [FEW FOR REFERENCE]



DARWIN RESEARCH & AYUR PHARMA



Administrative Office :
54-18-37/4, AIR Colony
VIJAYAWADA - 520 008
Phone : 0866-2470708

Date: 16th August 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. P.JASWANTH** having Roll No.: K2001205 of Kakaraparti Bhavanarayana (KBN) College has successfully completed his internship in our organization from 05th July 2022 to 15th August 2022.

During this tenure of 180 Hrs, it was found his conduct was satisfactory.

We wish him all the best for a bright future ahead.

Thanking you

M/S DARWIN FORMULATIONS PVT LTD.,


PRODUCTION MANAGER

(K.Padmasree., M.Pharm)

Factory : Plot No. 96 & 97, ALEAP Industrial Estate, Surampally - 521 212.

Gannavaram Mandal, Krishna Dist., A.P.

E-mail : info@darwin.co.in / sales@darwin.co.in / admin@darwin.co.in



DARWIN RESEARCH & AYUR PHARMA



Administrative Office :
54-18-37/4, AIR Colony
VIJAYAWADA - 520 008
Phone : 0866-2470708

Date: 18th November 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. P.JASWANTH** having Roll No.: K2001205 of Kakaraparti Bhavanarayana (KBN) College has successfully completed his internship in our organization from 16th August 2022 to 15th November 2022.

During this tenure of 540 Hrs, it was found his conduct was satisfactory.

We wish him all the best for a bright future ahead.

Thanking you

M/S DARWIN FORMULATIONS PVT LTD.,




PRODUCTION MANAGER

(K.Padmasree., M.Pharm)

Factory : Plot No. 96 & 97, ALEAP Industrial Estate, Surampally - 521 212.
Gannavaram Mandal, Krishna Dist., A.P.
E-mail : info@darwin.co.in / sales@darwin.co.in / admin@darwin.co.in



LAKSHMI ORGANICS PVT. LTD.

Factory & Regd. Office: Plot No.53G, J&F, Road No-LR-10,
IDA, Kondapally, VIJAYAWADA-521 228. Contact : +91-9902071080

e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Rotta Yesu Raju ID NO 20926 ,a student of Bachelor Science at kakaraparathi Bhavanarayana college (Autonomous), he has under gone Internship training at our M/S **Lakshmi Organics Pvt. Ltd.**, for the period of Jan-Mar.

During his training period we found hard working & dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.,

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975086





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e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Boorada Anusha Sri ID No 20902 , a student of Bachelor Science at Kakaraparathi Bhavanarayana college (Autonomous), She has under gone Internship training at our M/S Lakshmi Organics Pvt.Ltd., for the period of Jan-Mar .

During her training period, we found hard working and dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.,

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975080





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e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Nakkapalli Chandra Kala ID No 20906, a student of Bachelor Science at Kakaraparathi Bhavanarayana college (Autonomous), She has under gone Internship training at our M/S Lakshmi Organics Pvt.Ltd., for the period of Jan-Mar .

During her training period, we found hard working and dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975080





LAKSHMI ORGANICS PVT. LTD.

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e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Pothana Deepika ID NO 20905 , a student of Bachelor Science at Kakaraparathi Bhavanarayana college (Autonomous), she has under gone Internship training at our M/S Lakshmi Organics Pvt. Ltd., for the period of Jan-Mar.

During her training period, we found hard working & dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.,

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975080





LAKSHMI ORGANICS PVT. LTD. ¹⁶

Factory & Regd. Office: Plot No.53G, J&F, Road No-LR-10,
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e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Tadi Pavani ID No 20916 , a student of Bachelor Science at Kakaraparthi Bhavanarayana college (Autonomous), She has under gone Internship training at our M/S **Lakshmi Organics Pvt.Ltd.**, for the period of Jan-Mar .

During her training period, we found hard working and dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975080





LAKSHMI ORGANICS PVT. LTD.

Factory & Regd. Office: Plot No.53G, J&F, Road No-LR-10,
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e-mail : info@lakshmiorganics.com
Website : www.lakshmiorganics.com

GSTIN : 37AAACL3817F1ZP
CIN : U24110AP1997PTC027272

Date:08.04.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss Kodamala Spandana ID No 20917 , a student of Bachelor Science at Kakaraparthi Bhavanarayana college (Autonomous), She has under gone Internship training at our M/S Lakshmi Organics Pvt.Ltd., for the period of Jan-Mar .

During her training period, we found hard working and dedicated towards work.

For LAKSHMI ORGANICS PVT LTD.,

N. Deepak Kumar

DEEPAK KUMAR NAMALA
(Managing Director)
DIN No: 07975080





PADMAJA LABORATORIES PVT LTD

INDUSTRIAL AREA, CHINAVUTAPALLI, GANNAVARAM PEDAUTAPALLI, AP -521286

Date: - 16-08-2022

Place: - Vijayawada

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. D.Naga Sai Kumar bearing Roll No. 203847** student of **II B.Sc (MCCS)** student of **KBN Degree College (Autonomous) Vijayawada**. He has successfully completed his internship programme of **180 hours** during the period of from **07.07.2022 to 16.08.2022** at our organisation.

During the period of his internship programme with us he had been exposure to different processes and was found deligent,hardworking and inquisitive.

Very truly Yours

Authorized signature with stamp



PADMAJA LABORATORIES PVT LTD

INDUSTRIAL AREA, CHINAVUTAPALLI, GANNAVARAM PEDAUTAPALLI, AP -521286

Date: - 17-11-2022

Place: - Vijayawada

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. D.Naga Sai Kumar bearing Roll No. 203847** student of III B.Sc (MCCS) student of KBN Degree College (Autonomous) Vijayawada. He has successfully completed his internship programme of 540 hours during the period of from 17.08.2022 to 17.11.2022 at our organisation.

During the period of his internship programme with us he had been exposure to different processes and was found deligent,hardworking and inquisitive.

Very truly Yours ,

Authorized signature with stamp



PADMAJA LABORATORIES PVT LTD

INDUSTRIAL AREA, CHINAVUTAPALLI, GANNAVARAM PEDAUTAPALLI, AP -521286

Date: - 17-11-2022

Place: - Vijayawada

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. S.Chakri bearing Roll No. 203848** student of III B.Sc (MCCS) student of KBN Degree College (Autonomous) Vijayawada. He has successfully completed his internship programme of 540 hours during the period of from 17.08.2022 to 17.11.2022 at our organisation.

During the period of his internship programme with us he had been exposure to different processes and was found deligent,hardworking and inquisitive.

Very truly Yours ,

Authorized signature with stamp



PADMAJA LABORATORIES PVT LTD

INDUSTRIAL AREA, CHINAVUTAPALLI, GANNAVARAM PEDAUTAPALLI, AP -521286

Date: - 16-08-2022

Place: - Vijayawada

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. S.Chakri bearing Roll No. 203848** student of II B.Sc (MCCS) student of KBN Degree College (Autonomous) Vijayawada. He has successfully completed his internship programme of 180 hours during the period of from 07.07.2022 to 16.08.2022 at our organisation.

During the period of his internship programme with us he had been exposure to different processes and was found deligent,hardworking and inquisitive.

Very truly Yours ,



Authorized signature with stamp



Seeko Biotics

Ref :

12.04.2023
Date :

TO WHOM SOEVER IT MAY CONCERN

This is to certify that M/s. **KROVVIDI SAI RAMYA SRI** Register no. **K2000529**

B.Sc., (CBZ) of Kakarapati Bhavanarayana (KBN) College has

successfully completed her internship in our Organisation from

9th January.2023 to 9th April.2023.

During this tenure of 540 Hrs, it found her conduct was satisfactory. We wish her all

best for a bright future ahead.

For Seeko Biotics


Proprietor





Seeko Biotics

Ref :

12.04.2023
Date :

TO WHOM SOEVER IT MAY CONCERN

This is to certify that **M/s. GURRAM KOUSALYA LAKSHMI PRASANNA**

Register no. **K2000538 B.Sc., (CBZ)** of Kakarapati Bhavanarayana (KBN) College

Has successfully completed her internship in our Organisation from

9th January.2023 to 9th April.2023.

During this tenure of 540 Hrs, it found her conduct was satisfactory. We wish her all

best for a bright future ahead.

For Seeko Biotics


Proprietor





Seeko Biotics

Ref :

12.04.2023
Date :

TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Mr. JIDUGU PRADEEP KUMAR** Register no. **K2000532**
B.Sc., (CBZ) of Kakarapati Bhavanarayana (KBN) College has successfully
completed his internship in our Organisation from 9th January.2023 to 9th April.2023.
During this tenure of 540 Hrs, it found his conduct was satisfactory. We wish him all
best for a bright future ahead.

For Seeko Biotics

Pradeep
Proprietor





Date:30.11.2022

CERTIFICATE

This is to certify that **Mr.ABDUL AZEEM (Regd.No:21MBA001)** is a student of MBA from **Kakaraparti Bhavanarayan College (Autonomous)**, Kothapeta, Vijayawada-520001 has completed his project work i.e., a study on "**CUSTOMER SATISFACTION**" in **PEARL BEVERAGES LIMITED**, Nadimpalem, from 10.10.2022 to 30.11.2022.

For **PEARL BEVERAGES LIMITED**



RL NARASIMHA RAO

GENERAL MANAGER (HR)

HEAD OFFICE

702, Ansal Bhavan Katurha Gandhi Marg, New Delhi 110 001
Tel: (011) 23359611, 23716782, 23721746 Fax: (011) 23327747



MODEL DAIRY PRIVATE LIMITED

FACTORY : NIDAMANURU - 521 104, VIJAYAWADA (A.P.)

☎ : FACTORY : 2842396, 2842777, FAX - 0868-2842111.

MAADM15



S.No.

Date :

Date : 02-12-2022

CERTIFICATE

This is to certify that Mr. ABOTHULA MOHINI SATYA SAI (Regd. No. 21MBA002) MBA student from K.B.N COLLEGE, PG CENTRE, Vijayawada, Krishna District, has done his project work in Model Dairy Pvt. Ltd., on "A STUDY ON CAPITAL STRUCTURE", in Finance Division. Which is bonafide work presented in partial fulfillment for the award of Master of Business Administration during the period 10-10-2022 to 30-11-2022.

During the this period he has shown good interest on the subject, we wish him a good success in his future.

Thanking You,

For MODEL DAIRY PVT. LTD.

P. Satya Vani
(P. SATYA VANI)

(Public Relation Manager)



Date: 30.11.2022

Hyderabad.

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.A.MANO HAR (Regd.No:21MBA003)** student of MBA Kakaraparti Bhavanarayana College (Autonomous), Kothapeta, Vijayawada-520001 has undergone internship in our organization from 10.10.2022 to 30.11.2022. He has completed her project work in Finance- "A STUDY ON SECURITY ANALYSIS" at organization.

He conduct during the training period was satisfactory and we wish him all success in his future endeavours.

With best regards,

For Karvy Stock Broking Ltd.,



Mr. Jayant Kumar
General Manager

Karvy Stock Broking Limited

Registered Office: Karvy House, 46, Avenue 4, Street No.1, Banjara Hills, Hyderabad – 500 034.

T: 91 40 23312454 | F: +91 40 23311968 | service@karvy.com | www.karvy.com

Date:03/12/2022

To
The Head of the Department,
MBA Department,
K B N COLLEGE,
Vijayawada.

Sub:project work completion

Dear Sir,

We are pleased to inform you that your student Ms.AVALA NAGA JYOTHI Regd No:21MBA005 of MBA has successfully completed the project required for the curriculum of MBA programme on the Topic" FINANCIAL DERIVATIVES FEATURES " in our organization for a period 10-10-2022 To 30-11-2022.

Yours faithfully,
For SHAREKHAN LIMITED,


(SYAM PRASAD PUVVADA)
Branch In Charge



SHAREKHAN LIMITED

Regd. Office: A-206, Phoenix House, Phoenix Mills Compound, Senapalli Bopal Marg, Lower Parel, Mumbai - 400 013.
Tel: 91-22 6748 2000 Fax: 91-22 6610 4793 / 6610 4794
SEBI Registration No: BSE: Cash-INB 011073351, F&O-INF 011073351; NSE: CASH - INB231073330-
F&O INF 231073330 DP: NSDL: IN-OP-NSDL-233-2003, CDSL: IN-OP-CDSL-271-2004 PMS INF 00000662.

**BRANCH: D. No. 40-1-129, Second Floor, Old Coolex Building, Opp. ICICI Bank, Old Coolex Building,
M. G. Road, Vijayawada - 520 010. Tel.: 0866 - 6629993 / 2493753 / 6641919 / 662332**



MODEL DAIRY PRIVATE LIMITED

FACTORY : NIDAMANURU - 521 104, VIJAYAWADA (A.P.)

☎ : FACTORY : 2842396, 2842777, FAX : 0866-2842111

MADM15



S.Va.

Date :

Date : 01-12-2022

CERTIFICATE

This is to certify that Ms. BASAVA HARIKA (Regd. No. 21MBA007) MBA student from K.B.N COLLEGE, PG CENTRE, Vijayawada, Krishna District, has done her project work in Model Dairy Pvt. Ltd., on "A STUDY ON CAPITAL BUDGETING", in Finance Division. Which is bonafide work presented in partial fulfillment for the award of Master of Business Administration during the period 10-10-2022 to 30-11-2022.

During the this period She has shown good interest on the subject, we wish her a good success in her future.

Thanking You,

For MODEL DAIRY PVT. LTD.

P. Satya Vani
(P. SATYA VANI)

(Public Relation Manager)



Date: 10.01.2023

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Ms. **BATTULA KIRANMAI**
(Roll No.21MBA008) D/o. Durga vara prasada Rao II year
MBA Student of Kakaraparti Bhavanarayana College,
Vijayawada has done Project work on **CAPITAL**
STRUCTURE from 10.10.2022 to 30.11.2022.

For Prakasa Spectro Cast Pvt. Ltd.

[Signature]
Managing Director

Date: 20.01.2023

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Ms. **BAVANA INDIRA**
(Roll No.21MBA009) II year MBA Student of Kakaraparti
Bhavanarayana College, Vijayawada has done Project work
on **CAPITAL BUDGETING** from 10.10.2022 to
30.11.2022.

For Prakasa Spectro Cast Pvt. Ltd.


Managing Director



Phone : (0866)-2842716, 2842816, Cell : +91- 8790022886
Website : www.prakasa.in | E-mail : prakasaspectro@gmail.com

GSTIN : 37AADCP0387R1ZQ CIN : U74999AP199PTC018720



Date: 20.01.2023

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. **BOBBILI SRIKANTH RAVI TEJA** (Roll No.21MBA011) II year MBA Student of Kakaraparti Bhavanarayana College, Vijayawada has done Project work on **INVENTORY MANAGEMENT** from 10.10.2022 to 30.11.2022.

For Prakash Spectro Cast Pvt. Ltd.





ITC LIMITED
AGRI BUSINESS DIVISION – ILTD
Grand Trunk Road, Post Box No. 317
Guntur – 522 004 A.P., India
Tele Phone: + 91 863 2354001 – 08
Fax + 91 863 2235042 – 2354017

02nd Dec 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. BOBBILI YERRI NAIDU (Regd.No:21MBA012)** student of MBA Kakaraparti Bhavanarayana College (Autonomous), Kothapeta, Vijayawada-520 001 has successfully completed his project titled "**A STUDY ON PERFORMANCE APPRAISAL**" at ITC Limited – Agri Business Division from 10th Oct 2020 to 30th Nov 2022.

We wish him success in all his future endeavors.

For ITC Limited - ABD

Syain Kiran P
Manager QD



Registered Office : ITC Limited, Virginia House, 37 J.L. Nehru Road, Kolkata 700 071 India

FMCG & TOBACCO • HOTELS • PAPERBOARDS • PACKAGING • AGRI - BUSINESS

Visit us at www.itcportal.com / www.itc-iltid.com



Date:02nd Dec 2022

CERTIFICATE

This is to certify that **Mr.BODDU RAJKUMAR (Regd.No:21MBA013)** is a student of MBA from **Kakaraparti Bhavanarayana College (Autonomous)**, Kothapeta, Vijayawada-520 001 has completed his project work i.e., a study on "**STRESS MANAGEMENT**" in **PEARL BEVERAGES LIMITED**, Nadimpalem, from 10th Oct 2022 to 30th Nov 2022.

For **PEARL BEVERAGES LIMITED**



RL NARASIMHA RAO

GENERAL MANAGER (HR)

HEAD OFFICE

702, Ansal Bhavan Katurha Gandhi Marg, New Delhi 110 001
Tel: (011) 23359611, 23716782, 23721746 Fax: (011) 23327747

HR/CEBPL/Dec'22/211

Date- 01st December 2022

Project Completion Certificate

This letter is to certify that **Ms. Bogadhi Sravani** enrolled with (Regd. No. 21MBA014) studying MBA from K.B.N College has successfully completed her **MBA-Finance Project with Choice Equity Broking Private Limited**. Her Internship tenure was from 10th October, 2022 to 30th November, 2022. She has worked as an Intern for a project on

"A study on Performance of selected Pharmaceutical Stocks listed in NSE".

We are happy to acknowledge her for contribution to the company with respect to all the roles assigned to her.

We wish her all the best for her future endeavors.

For, Choice Equity Broking Private Limited




Authorized Signatory

HR/CEBPL/Dec'22/212

Date- 01st December 2022

Internship Completion Certificate

This letter is to certify that Ms. Bogavalli Sri devi enrolled with 2103015 studying MBA from K B N College has successfully completed her Internship Program with Choice Equity Broking Private Limited. Her Internship tenure was from 10th October,2022 to 30th November,2022. She has worked as an Intern for a project on "A Study On Mutual fund"

We are happy to acknowledge her for contribution to the company with respect to all the roles assigned to her.

We wish her all the best for her future endeavors.

For, Choice Equity Broking Private Limited



Authorized Signatory



AN ISO 9001 - 2015 & ISO 22000 - 2005 CERTIFIED COMPANY

MODEL DAIRY PRIVATE LIMITED

NIDAMANURU, VIJAYAWADA - 521 104, ☎ 2842396, 2842777



9.10.2022

CERTIFICATE

This is to certify that Mr. B. Yeswanth kumar bearing reg. Number 2103017 studying MBA in KBN college P.G Centre autonomous Vijayawada has successfully completed HR project work on " Emperical study on quality of work life " at our concern from 10.10.2022 to 30.11.22.

We wish him the very best for all his future endeavours



HR/CEBPL/Dec'22/213

Date- 01st December 2022

Internship Completion Certificate

This letter is to certify that Mr. Bysani Siva Durga Kalyan enrolled with 21MBA018 studying MBA from K B N College has successfully completed his Internship Program with Choice Equity Broking Private Limited. His Internship tenure was from 10th October,2022 to 30th November,2022. He has worked as an Intern for a project on "A Study On Forex market"

We are happy to acknowledge him for contribution to the company with respect to all the roles assigned to him.

We wish him all the best for his future endeavors.

For, Choice Equity Broking Private Limited

Authorized Signatory

Date: 10.01.2023

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Ms. **CHANDRAVADIYAR UMAMAHESWARI** (Roll No.21MBA019) D/o. Pungavanam II year MBA Student of Kakaraparti Bhavanarayana College, Vijayawada has done Project work on **FINANCIAL STATEMENT ANALYSIS** from 10.10.2022 to 30.11.2022.

For Prakasa Spectro Cast Pvt. Ltd.,



Managing Director

Internship Completion Certificate

This is to certify that **VALLEPU NAVEEN KUMAR** Reg. No: **K2010401** has completed his/her Internship in Quality thoughts on **INDIAN PREMEIR LEAGUE Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparthi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **VALLABHAPURAM HIMA BINDU** Reg. No: **K2010402** has completed his/her Internship in Quality thoughts on **SONGS OF SPOTIFY Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparthi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **RAMADURGAM ADITYA** Reg. No: **K2010403** has completed his/her Internship in Quality thoughts on **DATA SCIENTISTS SALARIES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **SAYA KIRAN KUMAR** Reg. No: **K2010404** has completed his/her Internship in Quality thoughts on **OYLYMPICS ATHLETES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **KakaraparthiBhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **DHARMA VARAPU MANI VARUN** Reg. No: **K2010405** has completed his/her Internship in Quality thoughts on **HARRYPOTER Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **KakaraparthiBhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **K. VENKATA MURALI KRISHNA** Reg. No: **K2010407** has completed his/her Internship in Quality thoughts on **DATA ANALYSIS ON WORLD WITH COVID-19 Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **ALAMURI JAYASREE** Reg. No: **K2010408** has completed his/her Internship in Quality thoughts on **OYLYMPICS ATHLETES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **KakaraparthiBhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **MALAVALA DHANALAKSHMI** Reg. No: **K2010409** has completed his/her Internship in Quality thoughts on **HR ANALYTICS U s i n g Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **KakaraparthiBhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **MANDA SUSHMA** Reg. No: **K2010410** has completed his/her Internship in Quality thoughts on **REVIEWS ON PURCHASING AT ONLINE MOBILES U s i n g Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparthi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **BOPADDA SRIVANI** Reg. No: **K2010411** has completed his/her Internship in Quality thoughts on **DATA ANALYSIS ON HOLLYWOOD MOVIES U s i n g Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **HARI PAVAN VENKATA SAI KUMAR** Reg. No: **K2010412** has completed his/her Internship in Quality thoughts on **MOVIES DATA ANALYSIS Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **P. VENKATA SAI DURGA KISHORE** Reg. No: **K2010413** has completed his/her Internship in Quality thoughts on **SUPER MARKET SALES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparthi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **PEDDI ANUSHA** Reg. No: **K2010414** has completed his/her Internship in Quality thoughts on **DATA ANALYSIS ON AUTOMOTIVES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **K.NAGA DURGA BHAVANI** Reg. No: **K2010417** has completed his/her Internship in Quality thoughts on **ANALYSING THE SHOPPING MALLS DATA U s i n g Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **SABBI SANJAY** Reg. No: **K2010418** has completed his/her Internship in Quality thoughts on **OYLMPICS ATHLETES Using Power Bi Tools From 09-01-2023 To 10-05-2023(540hours)** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF SCIENCE** in the Department of **Mathematics & Statistics** in **KakaraparthiBhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **CHIPPADA INDRANI** Reg. No: **K2000201** has completed his/her Internship in *Quality thoughts* on **AUTOMATION TESTING ON MAKEMYTRIP WEBSITE** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **Kakaraparathi Bhavanarayana College(Autonomous)**.

The overall performance of the Intern during his/her internship is found to be satisfactory.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **NANDIGUM VENKATA LAKSHMI**
Reg. No: **K2000202** has completed his/her Internship in Quality
thoughts on **ANALYSIS ON SMART CART E-COMMERCE LTD Using**
Power Bi Tools under my supervision as a part of partial fulfillment
of the requirement for the Degree of **BACHELOR OF SCIENCE IN**
COMPUTERS in the Department of **Computer Science &**
Applications in **Kakaraparathi Bhavanarayana College**
(Autonomous).



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **NELLI ESWAR** Reg.No: **K2000203** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON SNAPDEAL** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **Kakaraparthi Bhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **SHAIK SAMEER** Reg.No: **K2000204** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON SNAPDEAL** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **Kakaraparathi Bhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **Pilla Chandrika Naga Durga** Reg. No: **K2000205** has completed his/her Internship in Quality thoughts on **Automate Amazon like E-Commerce website testing Using Selenium automation tool** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTERS SCIENCE** in the Department of **Computer Science & Applications** in **Kakaraparathi Bhavanarayana College (Autonomous)**.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **PADALA VENKAT GOPAL** Reg. No: **K2000206** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON AMAZON WEBSITE** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **Kakaraparthi Bhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **NUNNAGOPPALA BHANU PRAKASH**
Reg.No: **K2000207** has completed his/her Internship in Quality
thoughts on **AUTOMATION TESTING ON AMAZON WEBSITE** Using
SELENIUM TOOL under my supervision as a part of partial fulfillment
of the requirement for the Degree of **BACHELOR OF COMPUTER
SCIENCE** in the Department of **Computer Science&Applications**
in **KakaraparthiBhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **PAKKURTHI RAMU** Reg.No: **K2000208** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON SNAPDEAL WEBSITE** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **KakaraparthiBhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **SHAIK TAJ KHADAR** Reg.No: **K2000209** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON SWIGGY WEBSITE** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **KakaraparthiBhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **MALLARAPU DURGAMALLESWARI**
Reg.No: **K2000210** has completed his/her Internship in Quality
thoughts on **AUTOMATION TESTING ON MAKE MY TRIP WEBSITE**
Using **SELENIUM TOOL** under my supervision as a part of partial
fulfillment of the requirement for the Degree of **BACHELOR OF**
COMPUTER SCIENCE in the Department of **Computer**
Science&Applications in **Kakaraparthi Bhavanarayana**
College(Autonomous).

The overall performance of the intern during his/her internship is found to be satisfactory.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **KAPPA TEJA VENKATA LAKSHMI**
Reg. No: **K2000211** has completed his/her Internship in Quality
thoughts on **AUTOMATION TESTING ON MEESHO WEBSITE** Using
SELENIUM Tools under my supervision as a part of partial fulfillment
of the requirement for the Degree of **BACHELOR OF COMPUTER
SCIENCE** in the Department of **Computer Science & Applications**
in **Kakaraparthi Bhavanarayana College (Autonomous)**.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **VANAMA DURGA MANOGNA** Reg. No: **K2000218** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON MEESHO WEBSITE** Using **SELENIUM Tools** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science & Applications** in **Kakaraparthi Bhavanarayana College (Autonomous)**.


(Signatory with Seal)

Internship Completion Certificate

This is to certify that **Kommoju Kinnera Naga Mallika**
Reg. No: **K2000219** has completed his/her Internship in Quality
thoughts on **Automate Amazon like E-Commerce website testing**
Using **Selenium automation tool** under my supervision as a part of
partial fulfillment of the requirement for the Degree of **BACHELOR OF**
COMPUTERS SCIENCE in the Department of **Computer Science &**
Applications in **Kakaraparathi Bhavanarayana College**
(Autonomous).



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **PAMARTHI VISHNU VARDHAN** Reg.No: **K2000220** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON SNAPDEAL** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **KakaraparthiBhavanarayana College(Autonomous)**.

The overall performance of the intern during his/her internship is found to be satisfactory.



(Signatory with Seal)

Internship Completion Certificate

This is to certify that **KORIKANA GAYATHRI** Reg.No: **K2000221** has completed his/her Internship in Quality thoughts on **AUTOMATION TESTING ON MAKEMYTRIP WEBSITE** Using **SELENIUM TOOL** under my supervision as a part of partial fulfillment of the requirement for the Degree of **BACHELOR OF COMPUTER SCIENCE** in the Department of **Computer Science&Applications** in **KakaraparthiBhavanarayana College(Autonomous)**.

The overall performance of the Intern during his/her internship is found to be satisfactory.



(Signatory with Seal)

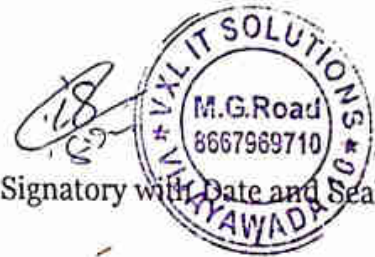
Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that INTURI SRIKANTH, Reg. No: K2002502, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.

Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that **SHAIK SADIQ**, Reg. No: **K2002504**, of **KAKARAPATI BHAVANARAYANA (KBN) COLLEGE**, Underwent Internship in **VXL IT SOLUTIONS** from **9th JANUARY, 2023** to **10th MAY, 2023**.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.

Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that GUJJARU KALYANI, Reg. No: K2002505, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.

Authorized Signatory



Date and Seal

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that GORRE MADHAVI, Reg. No: K2002506, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.



Authorized Signatory _____ Date and Seal

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that MITTISILA DEVA SAMHITHA, Reg. No: K2002507, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.



Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that M.SRAVANI, Reg. No: K2002508, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.


Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that NAMBURU ASRITHA, Reg. No: K2002509, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.


Authorized Signatory with Date and Seal





06/05/2023

Dear Jeswanth Appasani,

We are pleased to present this internship completion letter to acknowledge your successful completion of a three-month internship with our company. Your dedication and hard work during the internship period, which ran from 27th January 2023 to 2nd May 2023, have been commendable.

During your internship, you were assigned to work remotely from home and focused on Wordpress development, demonstrating your skills and commitment to learning and growth. Your contribution to various projects and tasks was invaluable, and your ability to adapt to the work-from-home environment is highly commendable.

Throughout your internship, you consistently displayed a strong work ethic, a proactive attitude, and excellent problem-solving skills. Your attention to detail and ability to meet deadlines helped ensure the successful completion of tasks and projects. Moreover, your willingness to collaborate and seek guidance from the team members whenever necessary showcased your ability to work effectively in a professional environment.

Over the course of the internship, you gained hands-on experience in various aspects of Wordpress development, including but not limited to:

- Theme customization and modification
- Plugin installation and configuration
- Website optimization and performance enhancement
- Troubleshooting and debugging

Your dedication to expanding your knowledge and skills in these areas is evident through the high-quality work you delivered. The feedback received from your supervisors and team members has been consistently positive, highlighting your strong technical aptitude and ability to adapt to new challenges.

We believe that your time with us has provided you with a solid foundation in Wordpress development, as well as valuable insights into the dynamics of working in a professional setting. We hope that the skills and experiences you gained during this internship will serve as a strong starting point for your future career in the field.

On behalf of Everite Solutions, I would like to express our gratitude for your contributions and congratulate you on successfully completing your internship. We have no doubt that you have a bright future ahead, and we wish you the best in all your future endeavors.

Please find enclosed a certificate of completion as a token of our appreciation for your hard work and dedication. Should you require any additional documentation or support, please do not hesitate to reach out to us.

Once again, congratulations on your successful internship completion, and we look forward to hearing about your continued success in the future.

Sincerely,

Kalyani Karuturi
Kalyani Karuturi
HR Manager
Everite Solutions Pvt Ltd

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that SAMBHANA SATISH KUMAR, Reg. No: K2002512, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.


Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that **CHIRUVOLU BHARATH**, Reg. No: K2002514, of **KARAPATI BHAVANARAYANA (KBN) COLLEGE**, Underwent Internship in **VXL SOLUTIONS** from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.



Authorized Signatory with Date and Seal

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that **PATTEM PAVAN SAI MARKANDEYULU**, Reg. No: **K2002515**, of **KAKARAPATI BHAVANARAYANA (KBN) COLLEGE**, Underwent Internship in **VXL IT SOLUTIONS** from **9th JANUARY, 2023** to **10th MAY, 2023**.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.



Authorized Signatory

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that PILLA VINOD KUMAR, Reg. No: K2002516, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.


Authorized Signatory with Date and Seal



Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that GUNUPURU DILEEP KUMAR, Reg. No: K2002517, of KAKARAPATI BHAVANARAYANA (KBN) COLLEGE, Underwent Internship in VXL IT SOLUTIONS from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be Satisfactory.



Authorized Signatory with Date and Seal

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that **KARRE MOWLIKA**, Reg. No: **K2002518**, of **KAKARAPATI BHAVANARAYANA (KBN) COLLEGE**, Underwent Internship in **VXL IT SOLUTIONS** from **9th JANUARY, 2023** to **10th MAY, 2023**.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.



Authorized Signatory with Date and Seal

Date: 11/05/2023

CERTIFICATE FROM INTERN ORGANIZATION

This is to certify that **LOVA KUMARI M**, Reg. No: K2002520, of **KAKARAPATI BHAVANARAYANA (KBN) COLLEGE**, Underwent Internship in **VXL IT SOLUTIONS** from 9th JANUARY, 2023 to 10th MAY, 2023.

The overall performance of the intern during his/her internship is found to be **Satisfactory**.



Authorized Signatory with Date and Seal