

**KRISHNA UNIVERSITY, MACHILIPATNAM, A.P., KRISHNA**  
**ANNUAL SELF-APPRAISAL REPORT (ASAR) FOR THE UNIVERSITY TEACHERS**  
 (As per G.O. Ms. No. 14 Higher Education (UE) Department, Govt. A.P. Dated; 13-02-2019)

ASAR Score for the Academic Year	2022-23
Name of the College	University College of Arts & Sciences
Name of the Faculty with Employee ID No.	D. Vasu Babu
Subject	Mathematics

**ASSESSMENT CRITERIA AND METHODOLOGY FOR UNIVERSITY TEACHERS**

**CATEGORY-I: TEACHING** (includes Lectures, Practicals, Tutorials and other teaching related Activities)

S.No.	Subject / Paper Taught	Method Adopted	Date / Semester	No. of Classes Assigned	No. of Classes Taught	Grading as per Self Evaluation	Grading as per the Principal Evaluation
1	22MAT103 (Probability & Statistics)	Black Board Teaching	I - Semester	64	58	91%	(Total No. of Classes Taught per Academic Year + Total No. of Classes Assigned per Academic Year) X 100 91% 86% 83%
2	22MAT105(C - Programming)	Black Board Teaching	I - Semester	60	49	81%	
3	20MAT206 (Real Analysis - II)	Black Board Teaching	II - Semester	63	57	90%	
4	20MAT203 (Partial Differential Equations)	Black Board Teaching	II - Semester	63	57	90%	
5	20MAT302 (Probability & Statistics)	Black Board Teaching	III - Semester	60	52	86%	
6	20MAT305 (Analytical	Black Board Teaching	III -	62	52	83%	

	Number Theory)		Semester				
7	20LMAT307(Python Interpreter Practice Lab)	Computer Presentation	III – Semester	45	42	93%	93%
8	20MAT402A(Measure & Integration)	Black Board Teaching	IV – Semester	60	52	86%	86%
<b>Total</b>				<b>477</b>	<b>419</b>	<b>88%</b>	<b>88%</b>
<b>Grading Obtained (Good / Satisfactory / Not satisfactory)</b>						<b>Good</b>	

**Grading Criteria:** (a) *Good* : 80% & Above, (b) *Satisfactory* : Below 80% but 70% & Above and (c) *Not satisfactory*: Less than 70%

**Note:** The Principal should verify the No. of classes taught by Faculty as per the Mobile App usage in the College Web portal (the Faculty should also attach screen shot of mobile app as an evidence for No. of classes taught).

**CATEGORY II: ACTIVITIES** (Involvement in the College Students related Activities/Research Activities)

S.No.	Name of the Activity / Contribution (all activities/ contributions shall be considered in the present academic year only)	Name of the Activity Date /Period	Self Evaluation (Yes / No)	Principal Evaluation (Yes / No)
1	Administrative Responsibilities such as Dept. In-charge/ Chairperson/ Dean/ Director/ Co-ordinator/ Warden etc.	24-02-2023- till date as head in charge	Yes	Yes
2	Examination and Evaluation Duties assigned by the College or attending the Examination Paper Evaluation.	Acting as Assist.to ACE (PG) and Observer duties and	Yes	Yes

		invigilation for all semesters		
3	<b>Professional Development;</b> (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refresher / faculty development courses/RC/OC/ARPIT, dissemination and general articles and any other contribution)	27 June to 2 <sup>nd</sup> July 2022	Yes	Yes
4	Student related Co-curricular, Extension and Field based Activities such as Student Clubs, Career Counselling, Study Visits, Student Seminars and other events, Cultural, Sports, NCC, NSS and Community Services.	Value added course	Yes	Yes
5	Organising Seminars/ Conferences/ Workshops/ other College Activities.	05-07 May 2022	Yes	Yes
6	Evidence of actively involved in guiding Ph.D. students.		No	No
7	Conducting Minor or Major Research Project sponsored by National or International Agencies.		No	No
8	At least one single or joint Publication in peer- reviewed or UGC list of Journals.	1	Yes	Yes
<b>Total No. of Activities / Contributions involved in (No. of Yes)</b>			06/yes	
<b>Grading Obtained (Good / Satisfactory / Not satisfactory)</b>			Good	

**Grading Criteria:**

- (a) **Good:** Involved in at least 3 Activities
- (b) **Satisfactory:** 1-2 Activities
- (c) **Not-satisfactory:** Not involved/undertaken any Activity

**Note:** For every Activity/ Contribution necessary evidences should be attached

**OVERALL GRADING:**

S.No.	Category	Grading Obtained (Good / Satisfactory / Not satisfactory)
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		As per Self Evaluation	As per the Principal Evaluation
1	I - Teaching	Good	Good
2	II - Activities	Good	Good
<b>Overall Grading Obtained (Good / Satisfactory / Not satisfactory)</b>		Good	Good

**Overall Grading Criteria:**

- (a) **Good:** Good in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II)
- (b) **Satisfactory:** Satisfactory in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II).
- (c) **Not Satisfactory:** If neither Good nor Satisfactory in overall grading.

**Note:** For the purpose of assessing the grading of Activity at Category - I and Category - II, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for calculation of grade due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down as per the Acts, Statutes and Ordinances of the parent institution.

**CATEGORY-III: ACADEMIC / RESEARCH ACTIVITIES:**

**Methodology for College Teachers for calculating Academic / Research Score:** Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.,

- A. Research Papers in Peer Reviewed /UGC listed Journals (Faculty of Sciences -08/ Faculty of Other Disciplines – 10 per publication):**  
 The Score for joint publications shall be calculated in the following manner: (a) Two authors: 70% of total value of publication for each author. (b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors. Paper presented as part of edited book or proceeding then it can be claimed only once.

The Research score for research papers would be augmented in Peer Reviewed /Referred /UGC listed journals:						
Impact Factor (IF)	Without IF	Less than 1	Between 1 and 2	Between 2 and 5	Between 5 and 10	Above 10
Score	5 Points	10 Points	15 Points	20 Points	25 Points	30 Points

S.No.	Title with Page No.	Name of the Journal (Scopus/ ICI/ Web of Science)	ISSN/ ISBN No.	UGC List No.	Month / Period	Impact Factor	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
1	A Study to evaluate the behavioural confines of "Nomophobia" and attitude towards smartphone operation usage among University students Krishna-Guntur Dist., A.P.(Page No: 713)	The International journal of analytical and experimental modal analysis (SCOPUS)	0886-9367		April/2022	25	20 Points	15



Particulars		Score
a. Development of Innovative pedagogy (Pedagogical strategies (P1 to Px) adopted in the class room)		05
b. Design of new curricula and courses (per Curricula / Course)		02
c. MOOCs	Development of complete MOOCs in 4 quadrants (4 credit course)(In case of MOOCs of lesser credits 05 marks/ credit)	20
	MOOCs (developed in 4 quadrant) per module/lecture	05
	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02
	Course Coordinator for MOOCs (4 credit course)(In case of MOOCs of lesser credits 02 marks/credit)	08
d. e-Content (LMS-LSCs/SDCs)	Development of e-Content in 4 quadrants for a complete course/e-book	12
	e-Content (developed in 4 quadrants) per module	05
	Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	02
	Editor of e-content for complete course/ paper /e-book	10

S.No.	Subject / Paper	e-learning Module	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					

#### D. Research Guidance/ Projects

##### i. Research Guidance:

- i. M.Phil. Degree awarded : 02 per candidate
- ii. Ph.D. Thesis submitted : 05 per candidate
- iii. Ph.D. Degree awarded : 10 per candidate

S.No.	Research Guidance	No. of Candidates (Awarded/ Submitted)	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
1	M.Phil. (Awarded)				
2	Ph.D. (Submitted)				
3	Ph.D. (Awarded)				
<b>Total</b>					

Note: For Joint Supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor, both shall get 70% each.

ii. Research Projects Completed:

Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	10 per Project
Grant Mobilised less than Rs. 10 lakhs	05 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

iii. Research Projects Ongoing:



Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	05 per Project
Grant Mobilised less than Rs. 10 lakhs	02 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

iv. Consultancy Projects: 03 per each Project:

S.No.	Category (Completed / Ongoing)	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>							

Note: Joint Projects: Principal Investigator and Co-investigator would get 50% each.

E. Patents, Policy Documents and Awards/Fellowship:

i. Patents:

Faculty of any Discipline	Score
International	10 per Patent
National	07 per Patent

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

ii. \*Policy Documents: Submitted to an International Body/Organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government.

Faculty of any Discipline	Score
International	10 per Document
National	07 per Document
State	04 per Document

S.No.	Title	Agency	Status (International / National/State)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation

**Total**

**iii. Fellowship/ Awards:**

Faculty of any Discipline	Score
International	07 per Award/ Fellowship
National	05 per Award/ Fellowship

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

**F. \*Invited Lectures Delivered in Conferences / Seminars:**

Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/ full paper in Conference Proceedings (Paper presented in Seminars/ Conferences and also published as full paper in Conference Proceedings will be counted only once)

Faculty of any Discipline	Score
International (Abroad)	07
International (within country)	05
National	03
State / University	02

S.No.	Title of the Paper	Organised By	International/ National/ State/ University level	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation

Total						

- Note: 1. \*For the purpose of calculating research score of the teacher, the combined research score from the categories of E.ii. Policy Document and F. Invited Lectures/ Resource Person/ Paper presentation shall have an upper capping of thirty per cent of the total Research Score of the teacher concerned.
2. The research score shall be from the minimum of three categories out of six categories.
3. The self assessment score should be based on objectively verifiable records.

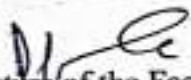
**List of Enclosures:**

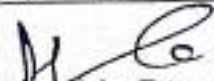
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**ABSTRACT OF GRADE / SCORE**

Criteria of Evaluation	Grade /Score Obtained (Self Evaluation)	Grade /Score given by the Principal	Remarks
Category - I : Teaching (Good / Satisfactory / Not satisfactory)	Good	Good	
Category - II : Activities (Good / Satisfactory / Not satisfactory)	Good	Good	
Overall Grading Obtained (Good / Satisfactory / Not satisfactory)	Good	Good	
Category - III : Academic/Research Activities			
A. Research Papers Published in Journals	20	15	
B. Publications other than Journals (Books, chapters in Books)	05	5	
C. Creation of ICT	-		

D. i. Research Guidance	-		
D. ii. Research Projects Completed	-		
D. iii. Research Projects Ongoing	-		
D. iv. Consultancy	-		
E. i. Patents	-		
E. ii. Policy Document	-		
E. iii. Awards/Fellowship	-		
F. Invited Lectures in Conferences / Seminars	-		
<b>Total (Category - III)</b>	25	20.	

  
Signature of the Faculty


  
Signature of the Dept. I/C

  
Signature of the IQAC Coordinator  
28/6/2023

  
Signature of the Principal  
28/6/23

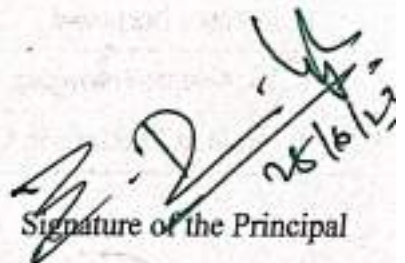
Declaration by ~~Coordinator~~  
IQAC  
Krishna University

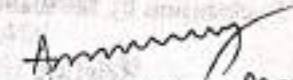
I hereby declare that the above information is true to the best of my knowledge and I hold myself responsible for any mismatch if found.

  
Signature of the Faculty

**Certification by the Principal**

I hereby certify that the substantiating evidence and information furnished by the incumbent and found it to be true.

  
Signature of the Principal

  
(ALAVALA MATTA REDDY)  
AKW RSY

**KRISHNA UNIVERSITY, MACHILIPATNAM, A.P., KRISHNA**  
**ANNUAL SELF-APPRAISAL REPORT (ASAR) FOR THE UNIVERSITY TEACHERS**  
 (As per G.O. Ms. No. 14 Higher Education (UE) Department, Govt. A.P. Dated; 13-02-2019)

ASAR Score for the Academic Year	2022-23
Name of the College	University College of Arts & Sciences
Name of the Faculty with Employee ID No.	Dr. R. Edukondala Nayak
Subject	Mathematics

**ASSESSMENT CRITERIA AND METHODOLOGY FOR UNIVERSITY TEACHERS**

**CATEGORY-I: TEACHING** (includes Lectures, Practicals, Tutorials and other teaching related Activities)

S.No.	Subject / Paper Taught	Method Adopted	Date / Semester	No. of Classes Assigned	No. of Classes Taught	Grading as per Self Evaluation	Grading as per the Principal Evaluation
1	20MAT204(Lattice Theory)	Black Board Teaching	II Semester	60	53	88%	(Total No. of Classes Taught per Academic Year + Total No. of Classes Assigned per Academic Year) X 100
2	20MAT205(Graph Theory)	Black Board Teaching	II Semester	60	52	86%	
3	20MAT301(Topology)	Black Board Teaching	III Semester	63	56	88%	
4	20MAT304(Mathematical Methods)	Black Board Teaching	III Semester	62	62	100%	
5	22MAT101(Ordinary Differential Equations)	Black Board Teaching	I Semester	63	54	85%	
6	22MAT101(Linear Algebra)	Black Board Teaching	I Semester	63	54	85%	

7	22MATLAB101(C – Programming Lab)	Computer Presentation	I Semester	75	75	100%	
<b>Total</b>				<b>446</b>	<b>406</b>	<b>91%</b>	
<b>Grading Obtained (Good / Satisfactory / Not satisfactory)</b>						<b>Good</b>	

**Grading Criteria:** (a) *Good* : 80% & Above, (b) *Satisfactory* : Below 80% but 70% & Above and (c) *Not satisfactory*: Less than 70%

**Note:** The Principal should verify the No. of classes taught by Faculty as per the Mobile App usage in the College Web portal (the Faculty should also attach screen shot of mobile app as an evidence for No. of classes taught).

**CATEGORY II: ACTIVITIES** (Involvement in the College Students related Activities/Research Activities)

S.No.	Name of the Activity / Contribution (all activities/ contributions shall be considered in the present academic year only)	Name of the Activity Date /Period	Self Evaluation (Yes / No)	Principal Evaluation (Yes / No)
1	Administrative Responsibilities such as Dept. In-charge/ Chairperson/ Dean/ Director/ Co-ordinator/ Warden etc.		No	
2	Examination and Evaluation Duties assigned by the College or attending the Examination Paper Evaluation.	I – Semester, III – Semester	Yes	
3	<b>Professional Development;</b> (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refresher / faculty development courses/RC/OC/ARPIT, dissemination and general articles and any other contribution)	17-18 March 2023	Yes	
4	Student related Co-curricular, Extension and Field based Activities such as Student Clubs, Career Counselling, Study Visits, Student Seminars and other events, Cultural, Sports, NCC, NSS and Community Services.	I – Semester, III – Semester	Yes	
5	Organising Seminars/ Conferences/ Workshops/ other College Activities.		No	
6	Evidence of actively involved in guiding Ph.D. students.		No	
7	Conducting Minor or Major Research Project sponsored by National or International		No	



	Agencies.		
8	At least one single or joint Publication in peer- reviewed or UGC list of Journals.		No
Total No. of Activities / Contributions involved in (No. of Yes)			3
Grading Obtained (Good / Satisfactory / Not satisfactory)			Good

**Grading Criteria:**

- (a) **Good:** Involved in at least 3 Activities
- (b) **Satisfactory:** 1-2 Activities
- (c) **Not-satisfactory:** Not involved/undertaken any Activity

**Note:** For every Activity/ Contribution necessary evidences should be attached

**OVERALL GRADING:**

S.No.	Category	Grading Obtained (Good / Satisfactory / Not satisfactory)	
		As per Self Evaluation	As per the Principal Evaluation
1	I - Teaching	Good	Good
2	II - Activities	Good	Good
Overall Grading Obtained (Good / Satisfactory / Not satisfactory)		Good	Good

**Overall Grading Criteria:**

- (a) **Good:** Good in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II)
- (b) **Satisfactory:** Satisfactory in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II).
- (c) **Not Satisfactory:** If neither Good nor Satisfactory in overall grading.

**Note:** For the purpose of assessing the grading of Activity at Category - I and Category - II, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for calculation of grade due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down as per the Acts, Statutes and Ordinances of the parent institution.

### **CATEGORY-III: ACADEMIC / RESEARCH ACTIVITIES:**

**Methodology for College Teachers for calculating Academic / Research Score:** Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.,

- A. Research Papers in Peer Reviewed /UGC listed Journals (Faculty of Sciences -08/ Faculty of Other Disciplines – 10 per publication):**  
 The Score for joint publications shall be calculated in the following manner: (a) Two authors: 70% of total value of publication for each author. (b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors. Paper presented as part of edited book or proceeding then it can be claimed only once.

<b>The Research score for research papers would be augmented in Peer Reviewed /Referred /UGC listed journals:</b>						
<b>Impact Factor (IF)</b>	Without IF	Less than 1	Between 1 and 2	Between 2 and 5	Between 5 and 10	Above 10
<b>Score</b>	5 Points	10 Points	15 Points	20 Points	25 Points	30 Points





S.No.	Research Guidance	No. of Candidates (Awarded/ Submitted)	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
1	M.Phil. (Awarded)				
2	Ph.D. (Submitted)				
3	Ph.D. (Awarded)				
<b>Total</b>					

**Note:** For Joint Supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor, both shall get 70% each.

**ii. Research Projects Completed:**

Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	10 per Project
Grant Mobilised less than Rs. 10 lakhs	05 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

**iii. Research Projects Ongoing:**

Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	05 per Project
Grant Mobilised less than Rs. 10 lakhs	02 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

iv. **Consultancy Projects:** 03 per each Project:

S.No.	Category (Completed / Ongoing)	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>							

**Note:** Joint Projects: Principal Investigator and Co-investigator would get 50% each.

**E. Patents, Policy Documents and Awards/Fellowship:**

i. **Patents:**

Faculty of any Discipline	Score
International	10 per Patent
National	07 per Patent

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

ii. **\*Policy Documents:** Submitted to an International Body/Organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government.

Faculty of any Discipline	Score
International	10 per Document
National	07 per Document
State	04 per Document

S.No.	Title	Agency	Status (International / National/State)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation

<b>Total</b>		
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**iii. Fellowship/ Awards:**

Faculty of any Discipline	Score
International	07 per Award/ Fellowship
National	05 per Award/ Fellowship

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						

**F. \*Invited Lectures Delivered in Conferences / Seminars:**

Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/ full paper in Conference Proceedings (Paper presented in Seminars/ Conferences and also published as full paper in Conference Proceedings will be counted only once)

Faculty of any Discipline	Score
International (Abroad)	07
International (within country)	05
National	03
State / University	02

S.No.	Title of the Paper	Organised By	International/ National/ State/ University level	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation



Total						

- Note: 1. \*For the purpose of calculating research score of the teacher, the combined research score from the categories of E.ii. Policy Document and F. Invited Lectures/ Resource Person/ Paper presentation shall have an upper capping of thirty per cent of the total Research Score of the teacher concerned.
2. The research score shall be from the minimum of three categories out of six categories.
3. The self assessment score should be based on objectively verifiable records.

**List of Enclosures:**

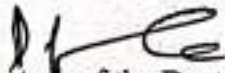
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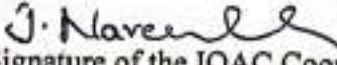
**ABSTRACT OF GRADE / SCORE**


Criteria of Evaluation	Grade /Score Obtained (Self Evaluation)	Grade /Score given by the Principal	Remarks
Category – I : Teaching (Good / Satisfactory / Not satisfactory)	Good	Good	
Category – II : Activities (Good / Satisfactory / Not satisfactory)	Good	Good	
Overall Grading Obtained (Good / Satisfactory / Not satisfactory)	Good	Good	
Category – III : Academic/Research Activities	-	-	
A. Research Papers Published in Journals	- 09	20	
B. Publications other than Journals (Books, chapters in Books)	-	15	
C. Creation of ICT	-		

D. i. Research Guidance	-		
D. ii. Research Projects Completed	-		
D. iii. Research Projects Ongoing	-		
D. iv. Consultancy	-		
E. i. Patents	-		
E. ii. Policy Document	-		
E. iii. Awards/Fellowship	-		
F. Invited Lectures in Conferences / Seminars	-		
<b>Total (Category - III)</b>			

  
Signature of the Faculty

  
Signature of the Dept. I/C

  
Signature of the IQAC Coordinator

  
Signature of the Principal  
27/6/23

**Declaration by the Coordinator  
IQAC**

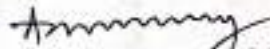
**Krishna University**

I hereby declare that the above information is true to the best of my knowledge and I hold myself responsible for any mismatch if found.

  
Signature of the Faculty

**Certification by the Principal**

I hereby certify that the substantiating evidence and information furnished by the incumbent and found it to be true.

  
(ARAVA MATTAR REDDY)  
ARAV REDDY

  
Signature of the Principal  
23/1/23

**KRISHNA UNIVERSITY, MACHILIPATNAM, A.P., KRISHNA**  
**ANNUAL SELF-APPRAISAL REPORT (ASAR) FOR THE UNIVERSITY TEACHERS**  
 (As per G.O. Ms. No. 14 Higher Education (UE) Department, Govt. A.P. Dated; 13-02-2019)

ASAR Score for the Academic Year	2022 - 2023
Name of the College	KRISHNA UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the Faculty with Employee ID No.	K. ABIDA BEGUM (ID No :1002164787)
Subject	MATHEMATICS

**ASSESSMENT CRITERIA AND METHODOLOGY FOR UNIVERSITY TEACHERS**

S.No.	Subject / Paper Taught	Method Adopted	Date / Semester	No. of Classes Assigned	No. of Classes Taught	Grading as per Self Evaluation	Grading as per the Principal Evaluation
1	Differential Equations & vector calculus	Blended Learning	II SEM (CSE-A&B)	45+45	90	(Total No. of Classes Taught per Academic Year + Total No. of Classes Assigned per Academic Year) X 100	(Total No. of Classes Taught per Academic Year + Total No. of Classes Assigned per Academic Year) X 100
2	Differential Equations & vector calculus	Blended Learning	II SEM (ECE)	45	45		
3	Discrete mathematics & Graph theory	Blended Learning	III SEM (CSE-A&B)	45+45	90		
4	Complex variables & Transform methods	Blended Learning	III SEM (ECE)	45	45		
5	Linear algebra & Multi variate Calculus	Blended Learning	I SEM (CSE-A&B)	45+45	90		
6	Linear algebra & Multi variate calculus	Blended Learning	I SEM (ECE)	45	45		
7	Probability theory & stochastic process	Blended Learning	IV SEM (ECE)	45	45		

8	Deterministic & stochastic statistical methods	Blended Learning	IV SEM (CSE)	45	45		
<b>Total</b>				<b>495</b>	<b>495</b>	100	100
<b>Grading Obtained (Good / Satisfactory / Not satisfactory)</b>						GOOD	Good

**CATEGORY-I: TEACHING** (includes Lectures, Practicals, Tutorials and other teaching related Activities)

**Grading Criteria:** (a) *Good* : 80% & Above, (b) *Satisfactory* : Below 80% but 70% & Above and (c) *Not satisfactory*: Less than 70%

**Note:** The Principal should verify the No. of classes taught by Faculty as per the Mobile App usage in the College Web portal (the Faculty should also attach screen shot of mobile app as an evidence for No. of classes taught).

**CATEGORY II: ACTIVITIES** (Involvement in the College Students related Activities/Research Activities)

S.No	Name of the Activity / Contribution (all activities/ contributions shall be considered in the present academic year only)	Name of the Activity Date /Period	Self Evaluation (Yes / No)	Principal Evaluation (Yes / No)
1	Administrative Responsibilities such as Dept. In-charge/ Chairperson/ Dean/ Director/ Co-ordinator / Warden etc.	Class Incharge	YES	yes
2	Examination and Evaluation Duties assigned by the College or attending the Examination Paper Evaluation.	Examination Duties	YES	yes
3	<b>Professional Development;</b> (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refresher / faculty development courses/RC/OC/ARPIT, dissemination and general articles and any other contribution)	<ul style="list-style-type: none"> <li>❖ International Symposium on Mathematical Sciences and their Applications organized by Department of Applied Mathematics, Yogi Vemana University. Attended 02 Days webinar on 28<sup>th</sup> - 29th Jan, 2022.</li> <li>❖ Paper presented in the 2 day National conference Advances in Mathematical Sciences and its Applications- National level Webinar, Organised by Department of Mathematics, Acharya Nagarjuna University, Guntur, A.P. on</li> </ul>	YES	yes

		17 <sup>th</sup> - 18 <sup>th</sup> March, 2022.		
		* Paper Presented in the 2 day International conference on Mathematics, Statistics & Applications, organized by Dept. Of Mathematics & Statistics Vignam deemed to be University, Udaipur, (I.P.) on 16th - 17 <sup>th</sup> June, 2022.		
		* Paper presented in the 2 day conference on International conference on Mathematical sciences, modeling and computational intelligence organized by Department of Mathematics Kumbarguru college of technology, Coimbatore, India, on 29 & 30 September, 2022.		
4	Student related Co-curricular, Extension and Field based Activities such as Student Clubs, Career Counselling, Study Visits, Student Seminars and other events, Cultural, Sports, NCC, NSS and Community Services.	Cultural	YES	yes
5	Organizing Seminars/ Conferences/ Workshops/ other College Activities.		NO	-
6	Evidence of actively involved in guiding Ph.D. students.		NO	-
7	Conducting Minor or Major Research Project sponsored by National or International Agencies.		NO	-
8	At least one single or joint Publication in peer- reviewed or UGC list of Journals.		YES	yes
<b>Total No. of Activities / Contributions involved in (No. of Yes)</b>			08/05	05
<b>Grading Obtained (Good / Satisfactory / Not satisfactory)</b>			GOOD	Good

**Grading Criteria:**

- (a) **Good:** Involved in at least 3 Activities
- (b) **Satisfactory:** 1-2 Activities
- (c) **Not-satisfactory:** Not involved/undertaken any Activity

**Note:** For every Activity/ Contribution necessary evidences should be attached

**OVERALL GRADING:**

S.No.	Category	Grading Obtained (Good / Satisfactory / Not satisfactory)	
		As per Self Evaluation	As per the Principal Evaluation
1	I - Teaching	GOOD	Good
2	II - Activities	GOOD	Good
Overall Grading Obtained (Good / Satisfactory / Not satisfactory)		GOOD	Good

**Overall Grading Criteria:**

- (a) **Good:** Good in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II)
- (b) **Satisfactory:** Satisfactory in Teaching (Category-I) and Good or Satisfactory in Activity (Category-II).
- (c) **Not Satisfactory:** If neither Good nor Satisfactory in overall grading.

**Note:** For the purpose of assessing the grading of Activity at Category - I and Category - II, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for calculation of grade due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down as per the Acts, Statutes and Ordinances of the parent institution.

**CATEGORY-III: ACADEMIC / RESEARCH ACTIVITIES:**

**Methodology for College Teachers for calculating Academic / Research Score:** Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates and acknowledgement for patent filing and approval letters, students' Ph.D. award letter, etc.,

- A. Research Papers in Peer Reviewed / UGC listed Journals (Faculty of Sciences-08/ Faculty of Other Disciplines – 10 per publication):**  
 The Score for joint publications shall be calculated in the following manner: (a) Two authors: 70% of total value of publication for each author. (b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors. Paper presented as part of edited book or proceeding then it can be claimed only once.

The Research score for research papers would be augmented in Peer Reviewed /Referred /UGC listed journals:						
Impact Factor (IF)	Without IF	Less than 1	Between 1 and 2	Between 2 and 5	Between 5 and 10	Above 10
Score	5 Points	10 Points	15 Points	20 Points	25 Points	30 Points

S.No	Title with Page No.	Name of the Journal (Scopus/ ICI/ Web of Science)	ISSN/ ISBN No.	UGC List No.	Month / Period	Impact Factor	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
1	"MBJ-Neutrosophic LI-Ideals in Lattice Implication Algebras". page no. 791-804.	Journal of Stochastic Modeling & Applications, (UGC CARE APPROVED JOURNAL)	ISSN: 0972-3641,	published in Vol. 26 No. 3,	January -June, 2022	1.344	15	10.5
2	"MBJ-Filters on Lattice Implication Algebras". page Nos. 118-125.	Journal of Physics: IOP Conference series (SCOPUS)	doi: 10.1088/1742-6596/2332/01/012007.	Issue 1. Volume 2332,	Sep' 2022	0.48	10	7
3	"MBJ-Neutrosophic	Mathematical Statistician and	ISSN: 2094-0343, 2326-	Vol.71, No. 3s2 (2022),	Nov' 2022	0.9	10	7



Implicative LI-Ideals in Lattice Implication Algebras". Page nos. 1022 - 1031.	Engineering Applications. (SCOPUS).	9865,	http://philstat.org.ph				
<b>Total</b>						35	24.5

### B. Publications (Other Than Research Papers)

(a) Books authored which are published by;					(b) Translation works in Indian and Foreign Languages by qualified faculties	
12 per International Publishers	10 per National Publishers	05 per Chapter in Edited Book	10 per Editor of Book by International Publisher	08 per Editor of Book by National Publisher	03 per Chapter or Research paper	08 per Book

S.No.	Title of the Book	Name of the Publisher	ISSN/ISBN No.	International/ National	Date / Period	Single Author/ Chapter	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>							0	0

### C. Creation of ICT mediated Teaching Learning Pedagogy and content development of new and innovative courses and curricula

Particulars		Score
a.	Development of Innovative pedagogy (Pedagogical strategies (P1 to Px) adopted in the class room)	05
b.	Design of new curricula and courses (per Curricula / Course)	02
c. MOOCs	Development of complete MOOCs in 4 quadrants (4 credit course)(In case of MOOCs of lesser credits 05 marks/ credit)	20
	MOOCs (developed in 4 quadrant) per module/lecture	05
	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02

	Course Coordinator for MOOCs (4 credit course)(In case of MOOCs of lesser credits 02 marks/credit)	08
d. e-Content (LMS-LSCs/SDCs)	Development of e-Content in 4 quadrants for a complete course/e-book	12
	e-Content (developed in 4 quadrants) per module	05
	Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	02
	Editor of e-content for complete course/ paper /e-book	10

S.No.	Subject / Paper	e-learning Module	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>				<b>0</b>	<b>0</b>

#### D. Research Guidance/ Projects

##### i. Research Guidance:

- i. M.Phil. Degree awarded : 02 per candidate
- ii. Ph.D. Thesis submitted : 05 per candidate
- iii. Ph.D. Degree awarded : 10 per candidate

S.No.	Research Guidance	No. of Candidates (Awarded/ Submitted)	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
1	M.Phil. (Awarded)				
2	Ph.D. (Submitted)				
3	Ph.D. (Awarded)				
<b>Total</b>				<b>0</b>	<b>0</b>

**Note:** For Joint Supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor, both shall get 70% each.

ii. Research Projects Completed:

Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	10 per Project
Grant Mobilised less than Rs. 10 lakhs	05 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					<b>0</b>	<b>0</b>

iii. Research Projects Ongoing:

Faculty of any Discipline	Score
Grant Mobilised more than Rs. 10 lakhs	05 per Project
Grant Mobilised less than Rs. 10 lakhs	02 per Project

S.No.	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					<b>0</b>	<b>0</b>

iv. Consultancy Projects: 03 per each Project:

S.No.	Category (Completed / Ongoing)	Title	Funding Agency	Grant Mobilised in Rs.	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>						<b>0</b>	<b>0</b>

Note: Joint Projects: Principal Investigator and Co-investigator would get 50% each.

E. Patents, Policy Documents and Awards/Fellowship:

i. Patents:

Faculty of any Discipline	Score
International	10 per Patent
National	07 per Patent

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					<b>0</b>	<b>0</b>

ii. \*Policy Documents: Submitted to an International Body/Organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government.

Faculty of any Discipline	Score
International	10 per Document
National	07 per Document
State	04 per Document

S.No.	Title	Agency	Status (International / National/State)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					<b>0</b>	<b>0</b>

**iii. Fellowship/ Awards:**

Faculty of any Discipline	Score
International	07 per Award/ Fellowship
National	05 per Award/ Fellowship

S.No.	Title	Agency	Status (International / National)	Date and Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
<b>Total</b>					<b>0</b>	<b>0</b>

**F. \*Invited Lectures Delivered in Conferences / Seminars:**

Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/ full paper in Conference Proceedings (Paper presented in Seminars/ Conferences and also published as full paper in Conference Proceedings will be counted only once)

Faculty of any Discipline	Score
International (Abroad)	07
International (within country)	05
National	03
State / University	02

S.No.	Title of the Paper	Organised By	International/ National/ State/ University level	Date / Period	Score Obtained (Self Evaluation)	Score as per the Principal Evaluation
Total					0	0

Note: 1. \*For the purpose of calculating research score of the teacher, the combined research score from the categories of E.ii. Policy Document and F. Invited Lectures/ Resource Person/ Paper presentation shall have an upper capping of thirty per cent of the total Research Score of the teacher concerned.

2. The research score shall be from the minimum of three categories out of six categories.
3. The self assessment score should be based on objectively verifiable records.

**List of Enclosures:**

- 1.
- 2.
- 3.

**ABSTRACT OF GRADE / SCORE**

Criteria of Evaluation	Grade /Score Obtained (Self Evaluation)	Grade /Score given by the Principal	Remarks
<b>Category – I : Teaching (Good / Satisfactory / Not satisfactory)</b>	GOOD / 100		
<b>Category – II : Activities (Good / Satisfactory / Not satisfactory)</b>	GOOD/ (8/5)		
<b>Overall Grading Obtained (Good / Satisfactory / Not satisfactory)</b>	GOOD		
<b>Category – III : Academic/Research Activities</b>			
A. Research Papers Published in Journals	35	24.5	
B. Publications other than Journals (Books, chapters in Books)			
C. Creation of ICT			
D. i. Research Guidance			
D. ii. Research Projects Completed			
D. iii. Research Projects Ongoing			
D. iv. Consultancy			

E. i. Patents			
E. ii. Policy Document			
E. iii. Awards/Fellowship			
F. Invited Lectures in Conferences / Seminars			
<b>Total (Category – III)</b>	<b>35</b>	<b>24.5</b>	



Signature of the Faculty

Signature of the Dept. I/C

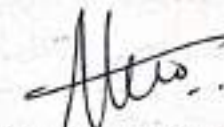
Signature of the IQAC Coordinator



Signature of the Principal

**Declaration by the Candidate**

I hereby declare that the above information is true to the best of my knowledge and I hold myself responsible for any mismatch if found.



Signature of the Faculty

**Certification by the Principal**

I hereby certify that the substantiating evidence and information furnished by the incumbent and found it to be true.

*Ammam*  
 (A LAVALA MATTA REDDY)  
 AKNURTY



Signature of the Principal