

## Evaluative Report of the Department of **APPLIED SCIENCES AND HUMANITIES**

1. Name of the department : Applied Sciences And Humanities
2. Year of Establishment : 1998
3. Names of Programmes / Courses offered : Mathematics, Physics, Chemistry, English, Environmental Studies
4. Names of Interdisciplinary courses and the departments/units involved : CP, ITWS, EM, ED, CP LAB
5. Annual/ semester/choice based credit system (programme wise) : .Semester system as per JNTUK Regulation
6. Participation of the department in the courses offered by other departments : B.Tech. CE&CSE- P&S, M. Tech. CE, ACT \ B.Tech. EEE, CVSM, B.Tech. EEE-ES
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NA
8. Details of courses/programmes discontinued (if any) with reasons : NA
9. Number of Teaching posts :

	Sanctioned	Filled
Professors		4
Associate Professors		1
Asst. Professors		5

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.), : Document attached

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.N.V.V.S. Suryanarayana	M.Sc.,M.Phil.,Ph.D., M.I.S.C.A.	Professor& Vice-Principal	APPLIED Mathematics	22	—
Dr M.L.N.Acharyulu	M.Sc., M.Phil., Ph.D.	Professor	Chemistry	19	—

Dr.T. Radha Krishna Murty	M.A., M.Phil., Ph.D.	Professor & HOD	English Literature	18	—
Mrs.P.V. Nagamani	M.Sc., M.Phil.	Sr.Assistant Professor	Environmental Science	13	—
Mr.P.Hari krishna	M.Sc., M.Phil.	Sr,Assistant Professor	Mathematics	15	—
Mr.N.Rama Chandra Rao	M.P.Ed; M.Phil.	Assistant Professor	Physical Education and Sports Sciences	19	—
Mr. M.Dhanunjaya Naidu	ML&IS, UGCNET, MG&MC	Assistant Professor	Library Science	18	—
Mrs.B. Neeraja	M.A.	Assistant Professor	English Literature	5	—
Mrs. A. Bharathi	M.Sc., B. Ed.	Assistant Professor	Mathematics	6	—
Mr. K. Somasekhar	M. Phil., M.Tech.	Assistant Professor	Physics	13	—
Mrs.G. Subhashini	MSc., B.Ed.	Assistant Professor	Physics	4	—
Ms.V.Asunee Kumari	MSc.	Assistant Professor	Mathematics		—
Dr. N.Sandhya rani	M.Sc., Ph.D.	Assistant Professor	Mathematics	1	—
Mr.V.Ramesh Naidu	MA English	Assistant Professor	English Literature	6 Months	—
Mr. S.Antony Cruse	M.A. English	Assistant Professor	English Literature	6 Months	—
Mr. P.Prasad	M.A. English	Assistant Professor	English Literature	6 Months	—
Mr. A.Venkata Apparao	M.Sc., M.Phil.	Assistant Professor	Physics	6 Months	—

11. List of senior visiting faculty : -----

12. Percentage of lectures delivered and practical classes handled(programme wise)

by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) :

14. Number of academic support staff  
(technical) and administrative staff;  
sanctioned and filled :

	Sanctioned	Filled
Academic support staff (technical)		1
Administrative staff		2

15. Qualifications of teaching faculty  
with DSc/ D.Litt/ Ph.D/ MPhil/PG :

Name of teaching Faculty	Qualification
Dr.N.V.V.S. Suryanarayana	M.Sc., M.Phil, Ph.D.
Dr M.L.N.Acharyulu	M.Sc. Ph.D.
Dr.T. Radha Krishna Murty	M.A, M.Phil, Ph.D.
Mrs.P.V. Nagamani	M.Sc., M.Phil.
Mr.P.Hari krishna	M.Sc., M.Phil.
Mr.N.Rama Chandra Rao	M.P.Ed; M.Phil.
Mr. M.Dhanunjaya Naidu	ML&IS, UGCNET, MG&MC
Mrs.B. Neeraja	M.A.
Mrs. A. Bharathi	M.Sc., B. Ed.
Mr. K. Somasekhar	M.Sc., M. Phil., M.Tech.
Mrs.G. Subhashini	MSc., B.Ed.
Ms.V.Asunee Kumari	M.Sc.
Dr. N.Sandhya rani	M.Sc. Ph.D.
Mr.V.Ramesh Naidu	MA

Mr. S.Antony Cruse	M.A.
Mr. P.Prasad	M.A. English
Mr. A.Venkata Apparao	M.Sc. M.Phil.

16. Number of faculty with ongoing projects from

a) National b) International funding agencies

and grants received : -----

17. Departmental projects funded by

DST-FIST; UGC, DBT, ICSSR, etc.

and total grants received : -----

18. Research Centre /facility recognized

by the University : -----

19. Publications:

Publication per faculty; Number of papers published in peer reviewed journals (national /international) by faculty and students; Number of publications listed Publications, One International Journal in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.); Monographs; Chapter in Books; Books Edited; Books with ISBN/ISSN numbers with details of publishers; Citation Index; SNIP; SJR; Impact factor; h-index

- : 1.Dr. NVVS, Suryanarayana-10  
2.Dr.T.RadhakrishnaMurty-1Publication  
3.Dr. M.L.N.. Acharyulu- 21 publications  
4. Mrs. P.V.Nagamani- 1 Publication  
5. Dr. N. Ramachandra Rao- 6 publications  
6. Mr. K. Soma Sekhar- 1 International, 1 National

20. Areas of consultancy and income generated

: Nil

21. Faculty as members in

a) National committees

: ----

b) International Committees

c) Editorial Boards

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme

: NA

b) Percentage of students placed for projects  
in organizations outside the institution  
i.e.in Research laboratories/Industry/other agencies :

23. Awards/ Recognitions received by faculty  
and students

a) Faculty : Nil  
b) Students

24. List of eminent academicians

and scientists/ visitors to the department.

: Prof. Brahmaji Rao, Swami Gunneshananda  
Akshya Patra, Susumna Kriya, Yoga

25. Seminars/ Conferences/Workshops

organized & the source of funding  
Conference Awareness Programmes

: One day work shop on Meditation and Mind  
power techniques- S R Murty, President.,  
Spiritual Society, Visakhapatnam,  
NSS special c Palavalasa 30<sup>th</sup> November 2016

6. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage (%)**	
			*M	*F	I	II
I B Tech.						
CE	60	3	3	0	0	33.38
EEE	60	1	1	0	100	0
ME	120	28	28	0	7.69	29.16
ECE	60	11	6	5	9	18.18
CSE	60	33	18	15	12.12	21.87

\*M=Male F=Female \*\* relate to out going batch in the particular year.

27. Diversity of Students

Name of the Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
CE			0
EEE			0
ME	100%	NIL	0
ECE			0
CSE			0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

: NA

29. Student progression

:

Student progression	Against percentage enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

NA

30. Details of Infrastructural facilities

a) Library

: Dept. Library

b) Internet facilities for

Staff & Students

: 1 HoD, 1 Staff, 1 clerk, 30 ECS LAB

c) Class rooms with ICT facility

: 1 in ECS LAB

d) Laboratories

: Physics, Chemistry, ELCLS Lab document enclosed

31. Number of students receiving financial assistance from college, university, government or other agencies

: 58 Students

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

: British council

33. Teaching methods adopted to improve student learning

: Usage of LCD, giving detailed notes and study material

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

: NSS ,

S.No.	Particulars	Date
1	International day of Yoga	21-6-2016
2	NSS orientation programme	23-9-2016
3	Blood donation camp	5-10-2016
4	Plantation programme	10-2-2017

35. SWOT analysis of the department and Future plans

: SWOT Analysis

Strengths	Weakness
Having doctorates in Maths, Chemistry and English. Three well experienced faculty having more than 17 years experience and 3 pursuing Ph.D	<ol style="list-style-type: none"> <li>1. Canteen facility,</li> <li>2. Transport system</li> <li>3. Girls hostel</li> <li>4.</li> </ol>
Opportunities	Threats
<ol style="list-style-type: none"> <li>1. New facilities</li> <li>2. Organizing seminars in work shops in other reputed institutes</li> </ol>	<ol style="list-style-type: none"> <li>1. Poor Admissions</li> <li>2. Campus placement recruitment</li> <li>3. Poor student enrollment</li> </ol>

**Future Plans:** To increase the result of the department and overall well being of the department, by increasing the strength and by properly motivating the faculty and students to achieve the success and for the future development, Getting NAAC for institute.

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4. Names of Interdisciplinary courses and the departments/units involved : CP, ITWS, EM, ED, CP LAB
5. Annual/ semester/choice based credit system (programme wise) : .Semester system as per JNTUK Regulation
6. Participation of the department in the courses offered by other departments : B.Tech. CE&CSE- P&S,

universities, industries, foreign institutions, etc.

: NA

7. Details of courses/programmes discontinued (if any) with reasons : NA

8. Number of Teaching posts :

	Sanctioned	Filled
Professors		1
Associate Professors		2
Asst. Professors		14

9. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.),

: Document attached

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.N.V.V.S. Suryanarayana	Ph.D	PROFESSOR & VICE PRINCIPAL	APPLIED Mathematics	23	
Mrs.P.V. Nagamani	M.Phil.	Associate Professor& HoD	Environmental Science	21	
Dr.N.Rama Chandra Rao	M.P.Ed; M.Phil.	Associate Professor	Physical Education and Sports Sciences	19	



Mrs. B. Neeraja	M.A.	Assistant Professor	English Literature	6	
Mrs.G. Subhashini	M.Sc., B.Ed.	Assistant Professor	Physics	5	
Ms. D.Aruna	M.Sc.	Assistant Professor	Mathematics	10	
Mr. V.Ramesh	M.Sc.	Assistant Professor	Organic Chemistry	6 Months	
Ms.V.Kavitha	M.Phil.	Assistant Professor	English Literature	6 Months	
Mr.B.Sudhakar Rao	M.Sc.(B.Ed.)	Assistant Professor	Pure Physics	3	
Dr. V.Shruthi	Ph.D	Assistant Professor	Engg. Chemistry	1	
Mrs. S.Sunanda	M.Phil. B.Ed.	Assistant Professor	APPLIED Mathematics	9	
Mr.S Anthony Cruse	M.A.	Assistant Professor	English Literature	3	
Mr. K. Ramesh Kumar	M.A.	Assistant Professor	English Literature	7 Months	
Mr. Vijay Sunkaranam	M.Sc., B.Ed.	Assistant Professor	Mathematics	7 Months	
Europa Gohain	M.Sc., B.Ed.	Assistant Professor	Physics	7 Months	
Mr.D.V.V. Sudhakar Rao	ML&IS	Assistant Professor	Master of Library and information Science	14	
Mr.M..Anil kumar	ML&IS	Assistant Professor	Library Information Science	19	

11. List of senior visiting faculty : -----

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 1:10

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :

	Sanctioned	Filled
Academic support staff (technical)		1
Administrative staff		1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG :

Name of teaching Faculty	Qualification
Dr.N.V.V.S. Suryanarayana	M.Sc. M.Phil. Ph.D
Mrs.P.V. Nagamani	M.Sc. M.Phil.
Dr.N.Rama Chandra Rao	M.P.Ed; M.Phil.
Mrs. B. Neeraja	M.A.
Mrs.G. Subhashini	M.Sc., B.Ed.
Ms. D.Aruna	M.Sc.
Mr.V.Ramesh	M.Sc.
Ms.V.Kavitha	M.A M.Phil.
Mr.B.Sudhakar Rao	M.Sc.(B.Ed.)
Dr.V.Shruthi	M.Sc. Ph.D
Mrs. S.Sunanda	M.Sc. M.Phil. B.Ed.
Mr.S Anthony Cruse	M.A.
Mr. K Ramesh Kumar	M.A.
Mr.Vijay Sunkaranam	M.Sc., B.Ed.
Europa Gohain	M.Sc., B.Ed.
Mr.DVV Sudhakar Rao	ML&IS
Mr.M..Anil kumar	ML&IS

16. Number of faculty with ongoing projects from

a) National b) International funding agencies

and grants received

: -----

17. Departmental projects funded by

DST-FIST; UGC, DBT, ICSSR, etc.

and total grants received

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18. Research Centre /facility recognized

- by the University : -----
19. Publications:
- Publication per faculty; Number of papers published in peer reviewed journals (national /international) by faculty and students; Number of publications listed Publications, One International Journal in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.); Monographs; Chapter in Books; Books Edited; Books with ISBN/ISSN numbers with details of publishers; Citation Index; SNIP; SJR; Impact factor; h-index : 1.. Dr. NVVS, Suryanarayana-10  
2.. Mrs. P.V.Nagamani- 1 Publication  
3.. Dr. N. Ramachandra Rao- 6 publications
20. Areas of consultancy and income generated : Nil
21. Faculty as members in
- a) National committees : ----
- b) International Committees
- c) Editorial Boards
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/ programme : NA
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : NA
23. Awards/ Recognitions received by faculty and students
- a) Faculty : Nil
- b) Students :
24. List of eminent academicians and scientists/ visitors to the department. : *Sri P.G Rajeswara Rao CEO, Third apple*
25. Seminars/ Conferences/Workshops organized & the source of funding :

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage (%)**	
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I B Tech.						
CE	60	4	4	0	0	
EEE	60	2	1	1	0	
ME	120	32	32	0	9.68	
ECE	60	19	10	9	42.11	
CSE	60	21	8	13	9.52	

\*M=Male F=Female \*\* relate to out going batch in the particular year.

27. Diversity of Students

Name of the Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
CE			0
EEE			0
ME	100%	NIL	0
ECE			0
CSE			0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

: NA

29. Student progression

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Student progression	Against percentage enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

NA

30. Details of Infrastructural facilities
- a) Library : Dept. Library
  - b) Internet facilities for Staff & Students : 1 HoD, 1 Staff, 1 clerk, 30 ECS LAB
  - c) Class rooms with ICT facility : 1 in ECS LAB
  - d) Laboratories : Physics, Chemistry, ELCLS Lab document enclosed
31. Number of students receiving financial assistance from college, university, government or other agencies : 58 Students (documents enclosed)
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts ~ -----
33. Teaching methods adopted to improve student learning : Usage of LCD, giving detailed notes and study material
34. Participation in Institutional Social Responsibility (ISR) and Extension activities : NSS , AR, B.C,T.C,D.C, Hostel, C.C
35. SWOT analysis of the department and Future plans : SWOT Analysis

Strengths	Weakness
Having doctorates in Maths, Chemistry and Physical Education well experienced faculty having more than 17 years experience	
Opportunities	Threats
	Poor Admissions

Future Plans: To increase the result of the department and overall well being of the department, by increasing the strength and by properly motivating the faculty and students to achieve the success and for the future development.