Vasavi College of Engineering

(Autonomous)
Accredited by NAAC with A++ Grade
(Sponsored by Vasavi Academy of Education)
(Affiliated to Osmania University& approved by AICTE)
9-5-81, Ibrahimbagh, Hyderabad 500 031, India, www.vce.ac.in

Minutes of the 19th meeting of the Academic Council
held at 10.00 a.m. on 15.07.2023 (Saturday)

Members present:

1.	Dr. S.V. Ramana, Principal, VCE	:	Chairman
2.	Prof. M. Kumar, Dean - Faculty of Engg., O.U., Hyderabad (attended through online mode from CANADA)	:	Member
3.	Prof. P. Venkataiah, Dean - Faculty of Management, O.U., Hyd.	:	Member
4.	Prof. D. Karuna Sagar, Dean - Faculty of Science, O.U., Hyd.	:	Member
5.	Dr. A. Venugopal, Profeesor, NIT-Warangal		
6.	Dr. Raghavendra Kune, Scientist/Engineer "SG, ADRIN", Department of ISRO, Government of India.	:	Member
7.	Dr. Shobhan Babu, Asso. Prof., IIT-Hyd.		
8.	Dr. Rajeev Wankar, Professor, Dept. of Computer Science & Information Sciences, Univ. of Hyd.	:	Member
9.	Dr. B. Sridhar, HoD-Civil, VCE	:	Member
10.	Dr. T. Adi Lakshmi, HoD-CSE, VCE	:	Member
11.	Dr. E. Sreenivasa Rao, HoD-ECE, VCE	:	Member
12.	Dr. M. Chakravarthy, HoD-EEE, VCE	:	Member
13.	Dr. K. Ram Mohan Rao, HoD-IT, VCE	:	Member
14.	Dr. T. Rama Mohan Rao, HoD-Mech., Engg., VCE	:	Member
15.	Dr. P. Hemagiri Rao, CoE, VCE	:	Member
16.	Dr. T. Sudhakara Rao. HoD-Mathematics, VCE	:	Member
17.	Dr. P. Venu Gopal, HoD-Chemistry, VCE	:	Member
18.	Dr. Jacqueline Amaral, HoD-H&SS, VCE	:	Member
19.	Dr. K. Kishore, Professor, Dept., of Mech. Engg., VCE	:	Member
20.	Dr. K. Veera Swamy, Professor, Dept. of ECE, VCE	:	Member
21.	Dr. Nagaratna P. Hegde, Professor, Dept. of CSE, VCE	:	Member
22.	Dr. A. S. Sai Prasad, Director-A & A, VCE	:	Member-Secretary

The following members of the Academic Council could not attend the meeting:
1. Mr. M. Ranganath, Sr. Manager, Deloitte, Hyderabad.
2. Dr. V. Sudhakar, Prof. & Head, EFLU, Hyderabad.
3. Dr. B. Venkatesham, Assoc. Prof., IIT-Hyderabad.

Prof. S.V. Ramana, Principal & Chairman, Academic Council, presided over the meeting.

The following items on the agenda were taken-up for consideration:

Agenda for Approval:

1. **Confirmation of the minutes of the 18th meeting of Academic Council held on 03.12.2022:**
   The minutes of the 18th meeting of Academic Council held on 03.12.2022 were read and confirmed.

2. **Review and approval of the action taken on the resolutions of the 18th Academic Council meeting held on 03.12.2022.**

The following action taken report on resolution of the 18th meeting of the Academic Council is reviewed:

Agenda Item No.	Suggestion	Action Taken
2	a) Prof. A. Venugopal has suggested to explore the feasibility of offering Design Thinking course as mandatory course specific to each Programme/Branch of Engg.	Design Thinking course is being offered as an open elective and is taught by external resource persons.
	b) Prof. B. Venkatesham has suggested to form a Committee to examine how to offer branch specific Design Thinking Course with 50% theory & 50% laboratory components and also suggested that the corresponding laboratory may be multi-disciplinary in nature.	The course is taught with lab-based case studies, as suggested.
	c) Mr. Raghavendra Kune has suggested to utilize the services of experts from T-Hub and also from industry for offering Branch-Specific Design thinking Course.	Case studies are general in nature and the external resource persons are working on the possibility of offering branch-specific case studies.
	d) Prof. M. Kumar suggested to include one/two students as members, while forming the above Committee.	
3	Prof. D. M. Vinod Kumar suggested to include the date of "Display of 1st Internal Examination Marks" in the Almanac.	Almanacs are included with display of I-Internal marks item.
6	Present a course-wise micro-level analysis in respect of Grades secured by the students viz., A+, A, B+, B & C.	The result analysis in respect of Grades secured by the students is enclosed **(Annexure-II).**

After having gone through the Action Taken Report, the following suggestions were made by the members:

Prof. Sobhan Babu suggested to identify the branch-specific experts to handle Design Thinking Course from T-Hub. He further suggested to identify resource persons from Indian Telecom Industry (ITI), Bengaluru to teach some components of the Design Thinking Course.

Academic Council has resolved to approve the action taken by the College.

3. Review and approval of the Almanac for the Academic Year 2023-24 in respect of the following Programmes:

The members have reviewed the proposed Almanac, which are as follows:

B.E- I Semester

S.No.	Name of the Item	Period
1	**Orientation Programme**	13.08.2023
2	**Induction Program & Course Registration**	14.08.2023 to 26.08.2023
3	Commencement of Instruction	28.08.2023
4	Dushera Vacation	23.10.2023 to 28.10.2023
5	I-Internal Tests	09.10.2023 to 12.10.2023
6	Display of I-Internal Marks	18.10.2023
7	Parent- Teacher Meeting	21.10.2023
8	II-Internal Tests	13.12.2023 to 16.12.2023
9	Last date of instruction	16.12.2023
10	Display of Final attendance	19.12.2023
	Display of Final sessional marks	23.12.2023
11	Preparation holidays and practical examinations	18.12.2023 to 30.12.2023
12	SEE Theory	02.01.2024 to 20.01.2024
13	Publication of results	01.02.2024 to 03.02.2024

B.E- II Semester

1	**Online Course Registration**	24.01.2024 to 27.01.2024
2	Commencement of Instruction	22.01.2024
3	I-Internal Tests	04.03.2024 to 07.03.2024
4	Display of I-Internal Marks	13.03.2024
5	Parent- Teacher Meeting	16.03.2024
6	II-Internal Tests	08.05.2024 to 11.05.2024
7	Last date of instruction	11.05.2024
8	Display of Final attendance	14.05.2024
	Display of Final sessional marks	18.05.2024
9	Preparation holidays and practical examinations	13.05.2024 to 18.05.2024
10	Summer Vacation	20.05.2024 to 25.05.2024

11	Commencement of Theory Examinations
	       BE- II semester (Main)
	       BE- I Semester(Suppl.)
		
		27.05.2024 to 15.06.2024
		17.06.2024 to 25.06.2024

12	Publication of B.E – II Semester results Publication of Combined results of BE –I & II Semesters	24.06.204 to 26.06.2024 04.07.2024 to 06.07.2024
13	Commencement of BE- II Semester (Advanced Suppl.)	15.07.2024 to 24.07.2024
14	Commencement of B.E III Semester for the academic year 2024-2025	29.07.2024

BE- III Semester

1	Course registration by students	13.09.2023 to 16.09.2023
2	Commencement of Classwork	18.09.2023
3	Dushera Vacation	23.10.2023 to 28.10.2023
4	1st Internal Test	13.11.2023 to 16.11.2023
5	Display of I-Internal Marks	23.11.2023
6	Parent- Teacher Meeting	25.11.2023
7	2nd internal Test	02.01.2024 to 06.01.2024
8	Last date of instruction	06.01.2024
9	Display of Final attendance	09.01.2024
	Display of Final sessional marks	17.01.2024
10	Preparation holidays and conduct of Lab SEE	08.01.2024 to 17.01.2024
11	Conduct of SEE Theory	19.01.2024 to 10.02.2024
12	Tentative period for Publication of results	23.02.2024 &24.02.2024

BE- IV Semester

1	Course registration by students	07.02.2024 to 10.02.2024
2	Commencement of Classwork	12.02.2024
3	1st Internal Test	02.04.2024 TO 06.04.2024
4	Display of I-Internal Marks	12.04.2024
5	Parent- Teacher Meeting	13.04.2024
6	Summer Vacation	20.05.2024 to 25.05.2024
7	2nd Internal Test	27.05.2024 to 01.06.2024
8	Last date of instruction	01.06.2024
9	Preparation holidays and conduct of Lab SEE	02.06.2024 to 11.06.2024
10	Display of Final attendance	04.06.2024
11	Display of Final sessional marks	08.06.2024
12	Conduct of SEE Theory- IV Sem (Main) III Sem (Suppl) (daily one)	12.06.2024 to 29.06.2024 01.07.2024 to 10.07.2024
13	a) Tentative period for Publication of BE IV-Sem results b) Publication of combined result of BE-I, II, III & IV Semesters Conduct of Advanced Supplementary of BE IV-Sem	08.07.2024 to 10.07.2024 18.07.2024 to 20.07.2024 22.07.2024 to 31.07.2024
14	Commencement of V Semester for the Academic year 2024-2025	05.08.2024

BE V Semester

1	Course registration by students	06.09.2023 to 09.09.2023
2	Commencement of Classwork	11.09.2023
3	Dasara Vacation	23.10.2023 to 28.10.2023
4	1st Internal Test	06.11.2023 to 09.11.2023
5	Display of I-Internal Marks	15.11.2023
6	Parent- Teacher Meeting	18.11.2023
7	2nd internal Test	23.12.2023 to 30.12.2023
8	Last date of instruction	30.12.2023
9	Display of Final attendance Display of Final sessional marks	03.01.2024 06.01.2024
10	Preparation holidays and conduct of Lab SEE	02.01.2024 to 10.01.2024
11	Conduct of SEE Theory	11.01.2024 to 03.02.2024
12	Tentative period for Publication of results	12.02.2024 to 14.02.2024

BE VI Semester

1	Course registration by students	01.02.2024 to 03.02.2024
2	Commencement of Classwork	05.02.2024
3	1st Internal Test	25.03.2024 to 28.03.2024
4	Display of I-Internal Marks	04.04.2024
5	Parent- Teacher Meeting	06.04.2024
6	2nd Internal Test	14.05.2024 to 18.05.2024
7	Last date of instruction	18.05.2024
8	Summer Vacation	20.05.2024 to 25.05.2024
9	Preparation holidays and conduct of Lab SEE	27.05.2024 to 04.06.2024
10	Display of Final attendance	28.05.2024
11	Display of Final sessional marks Conduct of SEE Theory- VI Sem (Main) V Sem (Suppl)	01.06.2024 06.06.2024 to 22.06.2024 24.06.2024 to 03.07.2024
12	a) Tentative period for Publication of BE-VI Semester results b) Publication of combined results of BE- VI & V semesters	01.07.2024 to 03.07.2024 07.07.2024 to 10.07.2024
13	a) Conduct of Advanced Supplementary- BE-VI Semester b) Conduct of CRT	18.07.2014 to 27.07.2024 24.06.2024 to 20.07.2024
14	Commencement of VII Semester for the Academic year 2024-2025	29.07.2024

B.E – VII Semester

1	Course registration by students	16.08.2023 to 19.08.2023
2	Commencement of Classwork	21.08.2023
3	1st Internal Test	09.10.2023 to 12.10.2023
4	Display of I-Internal Marks	18.10.2023
5	Dasara Vacation	23.10.2023 to 28.10.2023
6	Parent- Teacher Meeting	21.10.2023
7	2nd internal Test	05.12.2023 to 09.12.2023
8	Last date of instruction	09.12.2023
9	Display of Final attendance	12.12.2023
	Display of Final sessional marks	16.12.2023
10	Preparation holidays and conduct of Lab SEE	11.12.2023 to 19.12.2023
11	Conduct of SEE Theory	20.12.2023 to 06.01.2024
12	Tentative period for Publication of results	18.01.2024 to 20.01.2024

B.E – VIII Semester

1	Course registration by students	04.01.2024 to 06.01.2024
2	Commencement of Classwork	08.01.2024
3	1st Internal Test	24.02.2024
4	Display of I-Internal Marks	28.02.2024
5	Parent- Teacher Meeting	02.03.2024
6	2nd Internal Test	20.04.2024
7	Last date of instruction	20.04.2024
8	Preparation holidays and conduct of Project Viva	22.04.2024 to 27.04.2024
9	Display of Final attendance	22.04.2024
10	Display of Final sessional marks	26.04.2024
	Conduct of SEE Theory- VIII Sem (Main)	02.05.2024 to 04.05.2024
	VII Sem (Suppl)- Daily one exam	06.05.2024 to 14.05.2024
11	Tentative period for Publication of BE-VIII Semester results	16.05.2024 to 18.05.2024

M.E/M.Tech- III Semester

1	Orientation and Briefing session for registration of subjects	21.09.2023 to 23.09.2023
2	Commencement of classwork	25.09.2023
3	Dasara Vacation	23.10.2023 to 28.10.2023
4	1st Internal Test	25.11.2023
5	Display of I-Internal Marks	01.12.2023
6	2nd Internal Test	13.01.2024
7	Project Seminar (Presentation & Evaluation)	08.01.2024 to 12.01.2024
8	Last date of Instruction	13.01.2024
9	Display of attendance and Sessional Marks	18.01.2024
10	Conduct of SEE Theory	25.01.2024 to 27.01.2024
11	Declaration of results	03.02.2024
12	Make-up Exams	15.02.2024 to 17.02.2024

M.E/M.Tech - IV Semester

1	Registration and commencement of Project work	19.02.2024 to 24.02.2024
2	Project Seminar (Presentation & Evaluation)	03.06.2024 to 08.06.2024
3	Last date for submission of Draft dissertation	08.06.2024
4	Pre-submission Viva Voce Examination	17.06.2024 to 22.06.2024
5	Submission of approved thesis of the students for External Evaluation	20.07.2024
6	Conduct of External Viva-Voce	29.07.2024 to 03.08.2024
7	Pre-submission Viva-Voce Examination(for Late Submission)	21.10.2024 to 26.10.2024
8	Conduct of External Viva-Voce Examination (for late Submission)	18.11.2024 to 23.11.2024

Academic Council has resolved to approve the Almanacs for the B.E and M.E/M.Tech Programmes for the Academic Year 2023-24.

4. **Review and approval of proposal of offering "Minor in CSE" for the B.E – Civil, ECE, EEE & Mech. Engg., students admitted from the Academic Year 2022-23 onwards:**

The Principal informed that, it is proposed to introduce "Minor Programme" in "Computer Science & Engineering" for all B.E. students other than the students studying B.E- CSE, CSE (AI & ML) and IT from the Academic year 2023-24, subject to approval of Osmania University.

He further informed that to acquire the minor degree, the students must obtain 18 to 20 credits in addition to the regular credits required during 4-Years of their Course.

After reviewing the presentation made by the HoD-CSE on the Scheme of Instruction and Examination for the proposed Minor Programme, Dr. Raghavendra Kune suggested to (i) add Computer Networks course (ii) revise the "Web Design" Course to "Web Technologies" (iii) include different types of Operating Systems (Application Oriented) like Windows and Android into the Operating Systems course syllabus.

Academic Council has resolved to approve the proposal of offering "Minor in CSE" from the Academic Year 2022-23 onwards

5. **Review and approval of the Scheme of Instruction & Examination for all the semesters of B.E. & M.E/M.Tech Programmes for the academic year 2023-24:**

The respective HoDs have made a presentation on the Scheme of Instruction & Examination for all the semesters of B.E. & M.E/M.Tech Programmes for the academic year 2023-24.

Academic Council has resolved to approve the Schemes of Instruction & Examination for the Academic Year 2023-24 for all the UG & PG programmes.

Agenda to note:

6. **The Odd-Semester examination results of B.E and M.E/M.Tech Programmes for the Academic Year 2022-23:**

B.E. - I Semester Main Examinations Result Analysis:

S.No	Branch	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE-A	63	54	85.71
2	CSE-B	64	57	89.06
3	CSE-AIML-C	61	53	86.89
4	ECE-A	62	36	58.06
5	ECE-B	63	44	69.84
6	ECE-C	62	37	59.68
7	EEE	57	26	45.61
8	Mechanical-A	37	15	40.54
9	Mechanical-B	45	16	35.56
10	Civil	37	14	37.84
11	IT-A	63	58	92.06
12	IT-B	66	54	81.82
13	IT-C	62	48	77.42
	Total	**742**	**512**	**69.00**

B.E. - III Semester Main Examinations Result Analysis:

S.No	Branch	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE-A	74	68	91.89
2	CSE-B	74	70	94.59
3	CSE-AIML	71	61	85.92
4	ECE-A	69	53	76.81
5	ECE-B	68	58	85.29
6	ECE-C	64	52	81.25
7	EEE	68	50	73.53
8	Mechanical-A	62	40	64.52
9	Mechanical-B	54	32	59.26
10	Civil	59	38	64.41
11	IT-A	71	65	91.55
12	IT-B	66	57	86.36
13	IT-C	68	57	83.82
	TOTAL	**868**	**701**	**80.76**

B.E. - V Semester Main Examinations Result Analysis:

S.No	Branch	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE-A	68	62	91.18
2	CSE-B	67	57	85.07
3	CSE-AIML-C	64	61	95.31
4	ECE-A	67	54	80.60
5	ECE-B	62	50	80.65
6	ECE-C	64	49	76.56
7	EEE	62	47	75.81
8	Mechanical-A	64	36	56.25
9	Mechanical-B	64	40	62.50
10	Civil	63	49	77.78
11	IT-A	66	60	90.91
12	IT-B	66	62	93.94
13	IT-C	65	55	84.62
	TOTAL	**842**	**682**	81.00

B.E. - VII Semester Main Examinations Result Analysis:

S.No	Branch	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE-A	67	66	98.51
2	CSE-B	67	65	97.01
3	CSE-C-AIML	67	66	98.51
4	ECE-A	65	63	96.92
5	ECE-B	64	58	90.63
6	ECE-C	65	61	93.85
7	EEE	66	54	81.82
8	Mechanical-A	63	39	61.90
9	Mechanical-B	65	49	75.38
10	Civil	66	48	72.73
11	IT-A	66	63	95.45
12	IT-B	66	61	92.42
13	IT-C	65	63	96.92
	TOTAL	**852**	**756**	88.73

M.E./M.Tech I-Semester Main Examinations Result Analysis

S.No.	Programme	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE	4	3	75
2	ECE – VLSID	1	1	100
3	EEE – PS&PE	1	1	100
4	Mech – ADM	6	6	100

M.E./M.Tech III-Semester Main Examinations Result Analysis

S.No.	Programme	No. of candidates Registered	No. of candidates passed	Pass Percentage
1	CSE	3	3	100
2	ECE – VLSID	4	4	100
3	ECE – CE & SP	1	1	100
4	EEE – PS&PE	8	8	100
5	Mech – ADM	8	8	100

Dr. Raghavendra Kune suggested to give more attention on the courses which have a large number of failures and take remedial measures.

Prof. A. Venugopal suggested to prepare the data on students passed in "1st attempt", as the same will be reviewed by the NBA/NAAC inspection teams.

The Academic Council noted the Odd-Semester examination results of B.E and M.E/M.Tech Programmes for the Academic Year 2022-23

7. **The status of the College proposal to the AICTE, O.U. & Govt., of Telangana in respect of the following for the Academic Year 2023-24:**

The following proposals, submitted by College, have been approved by the AICTE, O.U. and Government of Telangana:

a) Increase in intake in B.E (CSE) Programme from 120 to 180.

b) Reduction in intake in B.E. (Mech. Engg.,) Programme from 120 to 60.

c) Reduction in intake in M.Tech – Computer Science & Engineering from 18 to 12.

d) Reduction in intake in M.E – Embedded Systems & VLSI Design from 18 to 12.

e) Reduction in intake in M.E – Power Systems & Power Electronics from 24 to 12.

f) Reduction in intake in M.E – Advanced Design & Manufacturing from 18 to 12.

g) Closure of M.E. – Communication Engineering & Signal Processing.

The Academic Council noted the above proposals.

8. **The status of AQAR-2022 submitted to NAAC:**

The College has submitted the AQAR for the year 2021-22 on 12th May, 2023 and also submitted the clarifications to the DVV process.

The Academic Council noted the above.

9. **The status of campus placements for the academic year 2022-23:**

I) ***B.E.:*** *Placements summary (2023 Graduated batch as on 07.07.2023):*

Branch	No. of students eligible	Gross Selection	Net Selection	% Selection	Average Pay Package (Rs. in lakhs per annum)
CSE	192	507	187	97.40	9.65
IT	181	410	172	95.03	9.65
ECE	180	372	160	87.22	7.30
EEE	57	96	47	82.46	5.10
Mech.	96	98	62	63.54	5.10
Civil	52	40	30	57.69	4.00
Total	**758**	**1523**	**658**	86.28	**8.13**

- No. of students with 1 offer : 211
- No. of students with 2 offers : 196
- No. of students with 3 offers : 131
- No. of students with 4 offers : 82
- No. of students with 5 offers : 28
- No. of students with 6 offers : 9
- No. of students with 7 offers : 1

Net selections : **658**

Highest salary : (Atlassian)	Base salary : Rs.20.8 LPA, Sign on bonus : Rs.50,000 (Bonus 10% of salary) Stocks : US$75,000 (over 4-years)
Min. salary :	Rs.3.50 lakhs per annum
Average salary :	Rs.8.13 lakhs per annum

b) ***M.E/M.Tech.:*** *Placements summary (2023 Graduating batch as on 07.07.2023):*

Branch	No. of students eligible	Gross Selection	Net Selection	% Selection	Average Pay Package (Rs. in lakhs)
M.E (ADM)	6	---	---	---	---
M.E (ES&VLSID)	3	2	2	66.66	5.00
M.E (CE & SP)	1	0	0	0	0.00
M.E (PS & PE)	6	1	1	16.66	6.50
M.Tech. (CSE)	3	2	2	66.66	4.50
Total	**19**	**5**	**5**	**26.31**	**4.75**

The Academic Council noted the status of campus placements of 2023 graduated batch and congratulated the efforts of the students, staff & college.

10. **Academic Audit conducted for the Academic Year 2021-22 in February, 2023:**

The Principal informed the members that Academic Audit has been conducted by the team of external experts from O.U, JNTU, NIT-Warangal on 11th February, 2023.

The Academic Council noted the above.

11. **Achievements of the College during the period from 15.12.2022 to 30.06.2023.**

11.1 *Guest lectures/Training Programmes/Workshops/Hackathon organized for students:*

S No.	Department	No. of Programmes organized
1	Civil Engineering	08
2	Computer Science & Engineering	13
3	Electronics & Communication Engineering	24
4	Electrical & Electronics Engineering	4
5	Information Technology	25
6	Mechanical Engineering	3
7	Mathematics	1
8	Physics	---
9	Chemistry	2
10	Humanities & Social Sciences	---
	Total	**80**

11.2 *FDPs/Workshops/Conferences/Training Programmes conducted for faculty:*
The College has organized a workshop on "Time Management" for the benefit of the faculty on 28.03.2023. Dr. K.S.R. Sarma, Assistant Professor, Siva Sivani Institute of Management, Secunderabad, is the Resource Person for the Workshop.

The Department-wise details pertaining to the conduct of various FDPs/Workshops/Conferences/Training Programmes for the benefit of faculty are as follows:

	Department	No. of Programmes organized
1	Civil Engineering	2
2	Computer Science & Engineering	1*
3	Electronics & Communication Engineering	4
4	Electrical & Electronics Engineering	1
5	Information Technology	3+1@
6	Mechanical Engineering	1
7	Mathematics	1+1$
	Total	**15**

* The Department of CSE organized an International Conference on "Cognitive & Intelligent Computing (ICCIC-2022), on 27th & 28th December, 2022.

@ The Department of I.T., conducted an International Conference "Machine Intelligence for GeoAnalytics and Remote Sensing (MIGARS) 2023" from 27.01.2023 to 29.01.2023.

$ The Department of Mathematics has organized 1-Day national level workshop. Prof. Subrahmanya Sastry Challa was the Chief Guest.

The Department of Mathematics has also organized National Mathematics Day on 15.05.2023. Prof. M.A. Srinivas & Prof. M. Raghavendra Sharma were the Chief Guests of the function.

11.3   *FDP/Conferences/Workshops attended by the faculty:*

S No.	Department	No. of faculty attended
1	Civil Engineering	7
2	Computer Science & Engineering	27
3	Electronics & Communication Engineering	66
4	Electrical & Electronics Engineering	13
5	Information Technology	30
6	Mechanical Engineering	14
7	Mathematics	8
8	Physics	7
9	Chemistry	29
10	Humanities & Social Sciences	14
	Total	**215**

11.4   *Journal & Conference publications by the faculty:*

S No.	Department	No. of publications
1	Civil Engineering	2
2	Computer Science & Engineering	44
3	Electronics & Communication Engineering	45
4	Electrical & Electronics Engineering	6
5	Information Technology	27
6	Mechanical Engineering	9
7	Mathematics	9
8	Physics	9
9	Chemistry	3
10	Humanities & Social Sciences	13
	Total	**167**

11.5   *The following faculty members were awarded with Ph.D degree:*

- Ms. B. Sheela Rani Simon, Asst. Prof., Dept. Of of H & SS, from O.U.
- Ms. G. Meena, Asst. Prof., Dept. Of H & SS, from Acharya Nagarjuna Univ.
- Ms. M. Jyothi, Asst. Prof., Dept. Of H & SS, from Osmania University.
- Ms. K. Jhansi Rani, Asst. Prof., Dept. Of H & SS, from Osmania University.
- Mr. K. Rama Krishna, Asst. Prof., of I.T., from Osmania University.
- Ms. A. Srilakshmi, Asso. Prof., of ECE, from JNTU-Hyderabad.
- Mr. V.B.S. Rajendra Prasad, Asso. Prof., of Mech. Engg., from O.U.
- Ms. S. Sri Lakshmi, Asst. Prof., of I.T., from Osmania University.
- Mr. N. Abid Ali Khan, Asst. Prof., of ECE, from Osmania University.
- Mr. P. Ravi, Assistant Professor of EEE, from KL University.
- Ms. G. Sandhya Rani, Assistant Professor of EEE, from Osmania University.

11.6   *Faculty pursuing Ph.D:*

S No.	Department	No. of faculty
1	Civil Engineering	4
2	Computer Science & Engineering	10
3	Electronics & Communication Engineering	10
4	Electrical & Electronics Engineering	6
5	Information Technology	13
6	Mechanical Engineering	8
7	Mathematics	4
8	Physics	---
9	Chemistry	---
10	Humanities & Social Sciences	1
	Total	**56**

11.7 *Patents published:*

- Dr. Kasi Rama Krishna Reddy, Assistant Professor of EEE, certified that a patent entitled "Full-Bridge Soft Switched Driver for Led Based Street Lighting" has been granted.

- Dr. T. Adilakshmi, HoD-CSE and others, published a patent "Optimization of the Pv6 Neighbor Discovery Protocol to Boost Network Performance and Enable Seamless Integration of IoT" (No. 202241066133).

- Dr. T. Adilakshmi, HoD-CSE and others, published a patent GIS Based Swage Monitoring System using IOT (No. 202341001586).

- Dr. R. Santosh Kumar, Asso. Prof., of CSE, VCE and others, published a patent "Mutual Authentication of Sensor Nodes with Intermediate nodes for IoT in the Context of Fog Computing" (No. 202341027057).

- Ms. T. Priyanka, Asst. Professor of CSE, VCE and others, published a patent "Design System of Microservices-Based IoT-Cloud Service Composition over Multiple Clouds" (No. 202341007192).

- Dr. R. Santosh Kumar, Asso. Prof., of CSE, VCE and others, published a patent "The Design of a Low-cost IoT System for Automated Attendee Registration based on Wireless Electronic Sensors" (No. 202341025670).

- Mr. M.V.B. Murali Krishna, Asst. Prof., of CSE, VCE and others, published a patent "Fire Detection and Prevention Device" (No. 382544-001).

- Mr. D. Vaman Ravi Prasad, Asst. Prof., of CSE, VCE and others published a patent "Convoluted Passenger Counter" (No. 202341020809).
- Mr. D. Vaman Ravi Prasad, Asst. Prof., of CSE, VCE and others published a patent "IRIS recognition" (No. 202341018503).

- Ms. J. Madhumathi, Asst. Prof., of CSE, VCE and others published a patent "Implementation of Intelligent Online Security System with Cloud Server" (No. 202341027057).

- Dr. K. Veera Swamy, Professor, Department of ECE, VCE and others published a patent "Microwave Sensor based Soil Analyzer" (No. 373989-001).

- Dr. E. Sreenivasa Rao, HoD-ECE, VCE and others published a patent "AI and IoT Based Automatic Smart Healthcare Monitoring System to Monitor Health for Pet Animals and Birds" (No. 202341006893 A).

- Dr. K. Veera Swamy, Professor, Department of ECE, VCE and others published a patent "Optical Emission Spectrometer" (Design No. 377790-001).
- Dr. K. Veera Swamy, Professor, Department of ECE, VCE and other faculty members of ECE, VCE, published a patent "Image Processing and Face Detection Analysis of Face Verification and the Performance Based on the Age Stages" (No. 202341018 628A).

- Dr. E. Srinivasa Rao, HoD-ECE, VCE and other faculty members of ECE, VCE, published a patent "A Long Range Radio Communication and Water Level Monitoring in Motor Control System Techniques" (No.202341018629A)

- Dr. A. Srilakshmi, Asso. Prof., of ECE, VCE and other faculty members of ECE, VCE, published a patent "GPS Based Tracking and Real Time Altering Message System for Service Delivery" (No.202341027222A).

- Dr. D.M.K. Chaitanya, Asso. Prof., of ECE, VCE and other faculty members of ECE, VCE, published a patent "System and Method for Monitoring and Analysis The Exercise Parameters in Wireless Wearable Devices" (No.202341027221A).

- Dr. K. Krishna Kishore, Asso. Prof., Department of ECE, VCE, published a patent "Device to Learn Braille Board by Blind People" (No.202341034796A)

- Dr. B. Kezia Rani, Asso. Prof., Department of I.T, VCE, published a patent "A Novel Techniques Based on Support Vector Machines for Predicting The Daily Closing Prices of Selected Shares in the Stock Market" (No.202241077043A).

- Dr. B. Kezia Rani, Asso. Prof., Department of I.T, VCE, published a patent "Implementation of Machine Learning Techniques for Attack and Anomaly Detection in IoT Sensors and Sites" (No.202241073450A).

- Ms. S. Renuka, Asst. Prof., Department of I.T., VCE, and others published a patent "analysis of issue faced by mid-level employee in Indian IT Sector" (No. 202241065320A).

- Dr. S.K. Prashanth, Asso. Prof., Dept., of I.T., VCE and others published a patent "IoT Based Face Mask Detecting and Body Temperature Measuring Device" (No. 376913-001).

- Ms. S. Rajyalaxmi, Asst. Prof., Department of I.T, VCE and others published a patent "Systematic Framework for Analyzing the Performance of Supply Chain Finance Management through Block Chain" (No.202241069356A).

- Ms. Haseeba Yaseen, Asst. Prof., Department of I.T. and others published a patent "A Method for identification of appropriate drugs for specific diagnosis" (No.202341016138A).

- Dr. Goswami Tilottama, Professor, Department of I.T. and others published a patent "Research Contribution on Framework for Representing Outdoor Scenes has been granted **(German Patent IPC : G06T 7/10, Appln. No. 20 2023 101 249).**

- Dr. T. Hitendra Sarma, Asso. Prof., Department of I.T., and others published a patent "Development of a Novel Fused descriptor-based framework for recognition of fish species applying Machine Learning Techniques" (No. 202341018025A).

- Dr. S.K. Chaya Devi, Asso. Prof., Department of I.T., and others published a patent "Smart Attendance System" (No. 202341029239A).

- Dr. T. Ramprasad, Asso. Prof., Department of Mathematics, published a patent "A System for calculating binomial Mathematical expression and method thereof" (No. 202241021363).

- Dr. T. Ramprasad, Asso. Prof., Department of Mathematics, published a patent "Statistical Analysis of Healthcare Information System" (No. 202221023350).

- Dr. T. Ramprasad, Asso. Prof., Department of Mathematics, published a patent "The" (No. 202221023350).

- Dr. T. Ramprasad, Dr. Ch. Naga Anuradha & Mr. Y. Bhanu Prakash, faculty of Mathematics, VCE, presented a patent "An AI based system and method for simulating systems described by partial differential equations" (No.202341019981).

11.8 *Outreach programmes conducted:*
- The Department of CSE has organized an Outreach Programme on "Fundamentals of Python and Java Programming" for the students of Govt. ITI, Shanthinagar, masabtank, Hyderabad from 17.04.2023 to 21.04.2023.

- The Department of EEE has organized an Outreach Programme on "Modern Practices in Electrical Engineering" from 20.03.2023 to 25.03.2023 for the Diploma students of Annapurna ITC, Ramsing Pura, Tallagadda, Karwan, Hyderabad.

- The Department of ECE has organized 1-Week Skill Development Workshop for the 1st year ITI Students, Govt. ITI, Mallepally, Hyderabad from 20.02.2023 to 25.02.2023.

- The Department of Mechanical Engineering has organized CAD/CAM training to 32 Diploma students of Govt. Polytechnic, Masab Tank, Hyderabad, from 19.01.2023 to 23.01.2023.

- The Department of Information Technology has organized an Outreach Programme on "Computer Basics and MSOffice" for rural youth of nearby villages.

- The Department of Civil Engineering has organized Outreach Programme for the students from Govt. Polytechnic College, Masab Tank, Hyderabad on 18th April, 2023.

11.9 *MoUs:*
- The Department of Civil Engineering has entered an MoU with Geomap Systems Pvt. Ltd., Hyderabad.

11.10 *Project Proposals:*
- Dr. B. Sridhar (PI), Dr. M.V.S.S. Sastry (Co-PI) and Dr. V Vinayaka Ram (Co-PI) have jointly submitted project proposal "Development of Durable Eco.Friendly Recycled Aggregates Based Prestressed Alkaly-Activated Concrete Railway Sleepers" to SERB.

- The Consultancy Project viz., "Design & Development of Engineering KPI platform using AI & Other Tech Stacks" submitted to M/s. Navaratan Technologies Pvt. Ltd. The cost of project is Rs.1,40,000/-.

- The Project proposal "Drone/UAV Based Multi Sensor High Quality Precision Photogrammentry Laser Mapping and Data Capture, Processing for Geo-Spatial Platforms" submitted by the Department of I.T., has been accepted by DST-MST. The cost of the Project is Rs.34,78,200/-.

- The Consultancy Project proposal "Design & Development od 2-D Convergent & Divergent Nozzle Operating Mechanism" submitted by the Department of Mechanical Engineering, has been accepted by M/s. Misochain, Bengaluru. The cost of the Project is Rs.8,30,000/-.

11.11 *Events organized:*
- The Department of Civil Engineering, VCE, organized "World Water Day-2023" on 21.03.2023.

11.12 *Industrial Visit:*
- A total number of 50 students studying B.E (Civil) – III Semester visited National Academy of Construction, Hyderabad on 03.03.2023.

11.13 *Extra-Curricular Activities:*
- The College NSS Unit organized the following events during the period from 15.12.2022 to 30.06.2023:

  - Blood Donation Camps
  - Voteers' Day
  - Aksharamala – a Volunteer based online coaching to the students studying in Govt. Schools
  - World Environment Day
  - International Yoga Day
  - Anti-Drug Awareness Programmes
  - World Water Day
  - Tree plantation
  - Anti-ragging Awareness Programme

Sports & Games:
The Department of Sports & Games organized the following events during the period from 15.12.2022 to 30.06.2023:

- Annual Sports Meet
- O.U. Inter Collegiate Chess Tournament on 27th & 28th January, 2023. Major K.A. Shivaprasad garu, Vice-President of Telangana State Chess Association and President of Ranga Reddy District Chess Association was the Chief Guest.

- *Students' participation:*
  Some of the notable achievements of our students are as follows:

  - Ms. S. Bhavya, 2/4 I.T. students participated in 34th Federation Cup Handball Championship for Women from 10th to 13th January, 2023, at Karauli, Rajasthan.

  - Ms. S. Bhavya, 2/4 I.T. students participated in 51st Senior Women National Handball 34th Federation Cup Handball Championship on 15th to 19th March, 2023 at Varanasi, U.P.

  - The College Basketball Team participated in O.U. Basketball (Men) Tournament from 13th to 15th December, 2022 and stood Runner-ups.

    The Academic Council has noted the achievements of the College

(Dr. A.S. Sai Prasad)   **(S.V. Ramana)**
Member-Secretary   *Principal*

To

The Members of the Academic Council