



JSS Mahavidyapeetha
JSS Academy of Technical Education,
Bengaluru 560060 Karnataka INDIA

**PROCEEDINGS OF 36th GOVERNING COUNCIL MEETING HELD
ON 9th June 2020**

Members Present

- 1 **Justice Sri. Shivaraj V. Patil** : Chairman
Co-Chairman, JSS Institutions, Bengaluru
38th Cross, 8th Block, Jayanagar
Bengaluru
- 2 **Dr. C. G. Betsurmath, KAS (Retd.)** : Member
Executive Secretary
JSS Mahavidyapeetha
Dr. Shivarathri Rajendra Circle
Mysuru
- 3 **Prof. M. H. Dhananjaya** : Member
Advisor - Technical Education Division,
JSS Mahavidyapeetha,
JSS Technical Institutions Campus
Mysuru
- 4 **Dr. C. Ranganathaiah** : Member
Director (A & A), Technical Education Division
JSS Mahavidyapeetha
SJCE Campus, Mysuru
- 5 **Sri. H. K. Shivananda, IAS (Retd.)** : Member
Malleshwaram,
Bengaluru
- 6 **Dr. Hilarian Pushparaj** : Member
Director,
M/s. Cognizant Technologies
Bengaluru
- 7 **Dr. Shyam Vasudeva Rao,** : Member
Industrialist,
M/s. Forus Health Pvt. Ltd.,
Bengaluru



- 8 **Sri. Sagar Nidavani** : VTU Nominee
Executive Council Member - VTU
Founder, M/s. Clevertize Marketing & Advertising
Indiranagar II Stage, Bengaluru
- 9 **Dr. Poornima N** : Women
Asso. Professor, E&C Department
JSSATE, Bengaluru
Representative
- 10 **Sri. Veeresh C S** : Special Invitee
Administrative Officer
JSSATE, Bengaluru
- 11 **Dr. Mrityunjaya V. Latte** : Member Secretary &
Principal
JSSATE, Bengaluru
Principal

Members who expressed their inability to attend the meeting.

- 1 **His Holiness Jagadguru** : Chairman
Sri Shivarathri Deshikedra Mahaswamiji
President, JSS Mahavidyapeetha,
Mysuru
- 2 **Dr. B. G. Sangameshwara** : Member
Former Vice Chancellor,
JSS Science & Technology University
Mysuru
- 3 **Dr. S. M. Jamadar, IAS (Retd.)** : Member
Former Chairman,
JSSTICE, Bangalore
- 4 **Sri. H. U. Talawar** : Member
Director of Technical Education, GOK
Palace Road, Bengaluru
- 5 **Dr. R. Sakthivel** : Member
Director, South West Regional Office,
All India Council for Technical Education
Bengaluru
- 6 **Prof. B. Gurumoorthy** : Member
Chairman - CFPDM,
Indian Institute of Science
Bengaluru



H. H. Swamiji, the Chairman could not be present for the meeting due to pre-occupation with other engagements. Justice Sri. Shivaraj V Patil, Co–Chairman, JSS Institutions, Bengaluru was requested to preside over the meeting.

Sri. Shivaraj V Patil presided over the meeting and conducted the proceedings.

The Principal, Member Secretary welcomed the Honorable Chairman and Members for the 36th Governing Council Meeting. He requested Justice Sri. Shivaraj V Patil, Co-Chairman, JSS Institutions, Bengaluru to chair the meeting. The Chairman greeted all the members present in the meeting and initiated the discussions.

36.01 To read and record the Proceedings of the 35th Governing Council Meeting held on 20th September 2019.

The proceedings of the previous Governing Council meeting were read and approved.

Resolution:

The Governing Council resolved to record the minutes of 35th Governing Council meeting held on 20th September 2019 as read and approved.

Member Secretary informed that, Vice Chancellor, VTU has nominated Sri. Sagar Nidavani, Executive council Member, VTU, as Member to the Governing Council of our College.

Member Secretary introduced Sri. Sagar Nidavani to all the members and he was welcomed to JSS Academy of Technical Education, Bengaluru Governing council team.

Before taking up the regular agenda items for discussions, Member Secretary informed the Hon'ble Governing Council Members that the five UG programs of the Institute have received Re-accreditation for a further period of 3 years w.e.f. 01/07/2020 till 30/06/2023.

Chairman congratulated the Institute on securing further accreditation for a period of 3 years and wanted to know, whether NBA has provision for a longer period of accreditation.

Member secretary mentioned that, NBA has a provision to accord accreditation for a longer period of 6 years, if the Institution satisfies the necessary conditions.

Chairman wanted know the NBA conditions on the Institution to get through for securing 6 years accreditation.



Member Secretary informed that the Institute should practice outcome based education very effectively, Excellence in teaching-learning process, Improvement in results and Placements. More importantly, it is necessary to maintain Student-Faculty Ratio (SFR) of 1:15 or better and Faculty should exhibit their academic strength with appreciable innovative teaching skills, Students should clear the University examinations with higher marks, their research works, research projects, Quality Publications, Patents and Consultancy.

Executive Secretary informed that, one more condition is that, the college should score more than 750 marks out of 1000 in the assessment made by the NBA evaluation team.

Director (A&A) mentioned that, to score 750 marks, the college should satisfy all the criteria, mentioned by the Member Secretary. The teaching – learning process has a weightage of 200 marks and we need to score more in this. If we satisfy these criteria, automatically 200 marks will be awarded.

Chairman suggested the Member secretary to ascertain the reasons for not getting 6 years and overcome all the deficiencies. Start working right now and satisfy all the requirements of NBA to get accreditation for 6 years during the further accreditation process.

Member Secretary assured that, he will definitely work hard towards achieving 6 years of accreditation in the next time i.e., in the 3rd cycle of Accreditation.

Member Secretary reported another important recognition received for the Institution from QS I Gauge. The Institution had undergone the survey of QS-I Gauge Rating process and Institution has obtained the rating under “GOLD” category in March 2020. This is valid for 3 years. He added that the QS-I Gauge is an International agency with its head quarters in London, UK. They rate the Technical Institutions considering the facilities available, faculty expertise, academic ambiance in the campus, publications, research, projects, teaching learning process, results, placements etc. This is similar to what NBA Process evaluates which is a very holistic way of assessment.

Chairman once again congratulated the Member Secretary and all those who are involved in this work and suggested to reach to “Diamond” category during the next term.

Executive Secretary informed that, two years back H.H Swamiji has informed the committee that JSS Institutions shall undergo QS-I Gauge rating process to check our ratings in academics and



research works. The Institutions coming under Higher Education Sector are competing in these rankings including NIRF since 2-3 years.

Chairman lauded H.H.Swamiji's vision in involving all the Institutions to participate in the QS-I Gauge rating and other National and International level competitions to get recognition.

Member Secretary mentioned that he is very happy to inform the members that the Institute received a grant of Rs.11.5 Lakhs from AICTE, New Delhi under MODROB and Rs.5 Lakhs from VGST, Govt. of Karnataka for a research project in CSE Department. Also mentioned that, the ongoing projects in the Institute are of total value of Rs.140 Lakhs. The committee noted and appreciated the same.

Resolution:

- **The College shall work towards getting a score of more than 750 out of 1000 for obtaining 6 years of accreditation from NBA in its 3rd Cycle.**
- **Try for achieving diamond category during the next term of QS-I Gauge rating process.**

36.02 Action Taken Report on the points of Previous Governing Council Meeting

33.01 NBA observations:

Observation in the Previous Meeting

- To submit a detailed Department wise report on “to improve teaching learning process” and “results and placements” through “core committee”.
- To make an analysis on how other prestigious colleges like RVCE, PESIT, MSRIT, etc. are in the forefront with good results, placements and ranking and also about Best practices in these Institutions and submit a report in the next meeting.
- To complete the purchase formalities and establish one smart classroom facility in all the Departments.
- To implement decisions taken in the previous meeting without delay.

**Action Taken**

- ◆ CORE committees are formed in each Department with senior faculty as Members. The Committees have prepared the guidelines to improve the teaching learning process and introduce innovative teaching. The Committee has conducted several meetings. A gist of the report of one Department is as follows.

Department of Computer Science Engineering:

Action Plans initiated in the Previous Semester for improving the teaching Learning process, Results and Placement.

- Faculty have incorporated various innovative methods in teaching like self learning, Think-Pair-Share, quiz, collaborative learning and simulation based learning, programming, etc.
- Faculty have taken NPTEL and MOOC courses as it is made mandatory by DT(A&A) to enhance their knowledge and there by the effectiveness of teaching. They are acting as guide and mentor rather than only teaching content.
- Encouraging students to have group discussions working together and obtaining peer feedback.
- Inviting entrepreneurs, subject experts, industry professionals, alumni and senior professors in the respective courses and conduct seminars, workshops etc. Faculties are incorporating audio-visual tools in class room sessions and supplement the textbook contents with models, pictorial material, etc. Welcome New Ideas from the students with an open-mind, where students can innovate ideas. Assignments to improve the quality in writing the answers.
- Tutorial classes are conducted to improve the problem solving skills and Remedial Classes for weak students are conducted.
- Slow learners are mentored to improve their academic performance.
- Group activities and learning through mini projects are incorporated.
- Additional resource materials such as class notes, PPT, handouts, etc. are provided to the students.
- Students are given real-world problems, which has increased their confidence.
- The impact is shown in the tables below where this initiative has brought in under various parameters:

Placements

	2018-19 Before	2019-20 After	Remarks
<i>Total No. of Final Year Students</i>	131	141	
<i>Total No. of Students Eligible</i>	66	80	
<i>Total Placements</i>	67	85	
<i>Highest package of Salary</i>	12 Lakhs	43.17Lakhs	
<i>Average Pay package</i>	5.02 Lakhs	7.8 Lakhs	
<i>No. of Companies Visited</i>	24	21	



Major Achievements in 2019 – 2020 by CSE Dept

- Ms. Soumya H S is placed in M/s ADOBE with highest pay package of **Rs. 43.17 Lakhs** per annum. JSSATE, Bangalore is the only Institute in this region, secured the highest package offer by M/s. ADOBE.
- Ms. Aruna M B is placed in M/s ADOBE with a pay package of **Rs. 23 Lakhs** per annum.
- Three students - Mr. Yogesh C L, Mr. P A Narasimha Ganesh and Mr. Srivathsa K R placed in M/s Onedirect with a package of **Rs. 16 Lakhs** per annum.
- Two Students - Ms. Akshata P Chandra and Ms. Cauvery A are placed in M/s McAfee with a package of **Rs. 10 Lakhs** per annum.

INTERNSHIP DETAILS

	2018-19	2019-20
<i>Certified Internship</i>	125	144
<i>Paid Internship</i>	3	8

- Students worked as paid interns at INTEL, SAMSUNG, ONEDIRECT, MCAFEE, BETSOL and AMERICAN EXPRESS.
- Faculties are participating in online certification of NPTEL and MOOC courses. 15 faculties of the Department are certified in NPTEL courses during 2019 – 2020
- Faculty are attending the FDP programs conducted by Industries

RESEARCH ACTIVITIES

	2018-19	2019-20
No. of Research Guides	7	9
No. of Research scholars	21	22
Publications in WoS	11	7 (ongoing)

OTHER ACTIVITIES

- IoX lab is set up, in association with M/s Eagle Edutech, Bengaluru and the company has sponsored the necessary hardware components.

FUTURE PLANS

- Develop the laboratories as per the revised syllabus & industry trends.
- Organize short term courses, workshops, seminars, webinars etc.
- Activities under Research & Development Cell -
 - ✓ Department level Research group is formed
 - ✓ Faculties are interacting with companies to work on projects and consultancy.



- Improve placement with the help of Alumni
 - ✓ Training via online tests including company specific question papers
 - ✓ Reporting module to monitor student progress
 - ✓ Create a Career portal and publish several articles on campus interview and tips written by Industry experts
 - ✓ Online test questions and conduct mock tests on MOODLE platform
- Develop Department Software Consultancy Cell
 - ✓ Faculty and students are involved in developing website for the following company/organizations:
 1. M/s. Gigsy is an online platform for artists to generate revenue from their creations by establishing firm connects with their fan base.
 2. NGO Pragathi Charitable Trust.
 3. M/s Prinston smart engineers.
 4. JSS ITI, Talavadi, Chamarajanagar District
- **Core Committee Reports of the remaining Departments are enclosed as Annexure – 1 from Page 54 to 67 of Agenda Notes.**

➤ JSS Academy of Technical Education, Bangalore is under “TIER II” group. It is an affiliated Institute under Visvesvaraya Technological University, Belagavi and the Institute follows University curriculum and syllabus.

Autonomous Institutions are listed in “TIER I” group. Deemed Universities and Autonomous Institutes provide sufficient flexibility and incorporate the latest technology subjects to attract students for admissions. This is another reason for the decline of admissions in “TIER II” Institutions.

The total sanctioned intake of Under Graduate programs at JSSATE, Bangalore is 900. Admission details for the last three academic years is shown in the following table.

Table 1: First Year BE Admission Details for three academic years:

Sl. No	Course	Intake	2019 - 20			2018 - 19			2017-18			
			Admtd	Vac	%	Admtd	Vac	%	Intake	Adm	Vac	%
1	ECE	180	154	26	85.55	168	12	93.33	120	118	02	98.33
2	CSE	180	179	01	99.44	179	01	99.44	120	115	05	95.83
3	Mech	180	93	87	51.66	100	80	55.55	120	91	29	75.83
4	ISE	120	110	10	91.66	112	08	93.33	90	84	06	93.33
5	Civil	120	59	61	49.16	64	56	53.33	60	42	18	70.00
6	IEM	60	20	40	33.33	40	20	66.66	60	43	17	71.66
7	E & IE	60	33	27	55.00	44	16	73.33	60	25	35	41.66
Total		900	648	252	72.00	707	193	78.55	630	518	112	82.22



The Institute has enhanced the intake of five UG programs immediately after accreditation in 2018. Intake enhancement was obtained for all these programs in the academic year 2018-19. The total increase in intake is 270. The details of enhancement are shown in the following table.

Table 2: Details of enhancement in intake.

Sl. No.	Course	Intake till 2017-18	Increase in intake	Total Intake from 2018-19
1	ECE	120	60	180
2	CSE	120	60	180
3	ISE	90	30	120
6	CV	60	60	120
7	ME	120	60	180
Total		510	270	780

The intake enhancement during 2017-18 as a result of NBA Accreditation has resulted with satisfactory admissions in ECE, CSE and ISE courses. Admissions in Mechanical and Civil Engineering are unexpectedly low and situation is same in majority of the Institutions across the state.

A meeting was conducted along with the Heads of all the Departments to ascertain the reasons for low admissions.

It is ascertained that, teaching learning process in the Institute is to be improved, naturally this will impact on good results, admissions and thereby placements

- ✦ Approval has been received from the Management for establishing of one Smart Class room for each Department. Action is being initiated.

Discussions in the Present Meeting:

- ✦ Chairman mentioned that, as per the resolution in the previous meeting , committees are formed in all the Departments with senior faculty as Members. He wanted to know whether student representatives from JSSATE are inducted in the committee.
- ✦ Member Secretary informed that, at this point Student Representatives are not included in the Committee only the senior faculty members are inducted.



- *Director (A&A) advised the Member Secretary to include bright students in formulating the academic program, so that, they will give feedback on “how the course should be”. The outcome would be certainly good, since students have better technical exposure.*
- *Chairman opined that, students should be given the knowledge of the efforts initiated by teachers and how it helps them in learning. Only faculty member’s suggestions and recommendations won’t yield good results. Inputs received from the students will be very helpful. He suggested the Principal to select bright students, who have interest to participate and consider their suggestions also and this would be more beneficial.*
- *Executive Secretary desired to know the new methodology used for better teaching learning process other than the regular teaching.*
- *Member Secretary explained that, faculty are now using audio-visual tools, supplement text books containing model and pictorial materials, tutorial classes, etc.*

He further added that, group learning and group discussions are started, which is showing major improvement. To improve effectiveness in teaching learning process, teachers have to equip themselves with developments in technology and adopt problem solving methods. Problem solving, use of animations and video clips help the students to understand the subject in a better way.
- *Director (A&A) mentioned that, UGC considers the teaching as innovative and novel method, only if teachers adopt the Problem solving techniques. They have to Practice regularly the problem solving skills and be ready to crack any given problem. The students are going to be the future Engineers, they have to design, calculate and develop the final product. Unfortunately, now a day nobody is practicing the problem solving method. This will definitely ignite the analytical ability of students. The college should invite experts from industry regularly and understand what the industry expects from Engineering Graduates.*
- *Prof. M H Dhananjaya informed that, Teachers should make them-self available for students in “certain” hours. When student approach a teacher and discuss the subject or doubts in a subject, the scenario of learning improves.*
- *Mr. Sagar Nidawani, VTU Nominee, mentioned that, now a day teachers are restricted to only solving problems from text book. It is necessary that, they have to solve the current live problems and work closely with professionals to understand the current challenges. This should be a continuous process and should be initiated by the Institute*



Resolution:

- *To induct bright student's as Members to the core committee.*
- *Teaching learning process has to be improved by using innovative methods like problem solving, real world problems, solving current live industry problems, more teacher : student interactions, etc.*

Item No. 33.02.01 STAFF REGISTERED FOR HIGHER STUDIES

Observation in the Previous Meeting

- The committee noted that, Dr. Keerthi Shekhar is not coordinating the necessary works (report submission) to complete the consultancy work and also failed to get project from the Skill Ministry, Govt. of India. Members expressed their concern and said that Dr. Keerthi Shekhar's work is not satisfactory.
- HOD, Civil Engineering has been assigned with responsibility of submitting the necessary report in required format and complete the work.

Action Taken

- *HOD, Civil Engineering has submitted a report about the progress of the consultancy work and project report submission. The report was forwarded to Director (A&A), Technical Education Division, JSSMVP, Mysore for consideration.*

Discussions in the Present Meeting:

- *Executive Secretary informed that Mr. Keerthi Shekhar has already left the job. JSSMVP has not accepted his resignation and an enquiry is going on against him. The Civil Engineering department of the institute has to manage the consultancy work sanctioned by RDPR, Govt. of Karnataka*
- *Director (A&A) mentioned that Mr. Keerthi Shekhar was appointed to guide the faculty of Civil Engineering Department on how to write and execute a consultancy project. it is unfortunate that, he did not cooperate with the Department and the college and ultimately he resigned from the post. The Civil Engineering Department faculties are now exposed on how to write a consultancy project, execute it and submit the reports to funding agency. The faculty should start applying for small consultancy works upto Rs. 5 Lakhs to*



any of our state Government instead of applying for large consultancies ranging from Rs.18 to 20 Lakhs.

- Director (A&A) informed that to RDPR, Govt. of Karnataka. He was also asked to guide the faculty on how to execute the consultancy project and submit the report to the funding agency. He mentioned that, it is unfortunate that, he did not cooperate with the Department and the college and ultimately he resigned from the post.
- Member Secretary mentioned that, in every meeting, he will be requesting all the faculty members to write proposals for projects and consultancy work. In spite of my continuous requests and encouragement, none of them are serious about it, only few members are doing that.
- Director (A&A) advised the Member Secretary that, if instructions are given to faculty members orally, they will listen and forget it. Instead, Principal has to mentor them personally and give lecture on how to succeed in writing proposals. The Civil Engineering Department faculties are not making up their mind for small consultancies and projects. There are lot of small consultancy works available which can be brought. He mentioned that, Prof. Dhananjaya has informed that Civil Department in ACSCE college has got crores worth of consultancy project, but the faculty at JSSATE are just coming to college, just complete their academic work and going back. This is not the way, things have to be checked by Principal personally, instruct HOD's to submit the report on how many number of proposals are ready for submission. Conduct meetings with the faculty regularly and guide them on how to succeed in writing and getting proposals.
- Prof. Dhananjaya informed that, consultancy is to be built from the bottom, it cannot happen overnight. Consultancy and projects must be developed as a culture, it cannot be imposed from outside, it should be home grown. Mr. Keerthi shekhar or another man cannot bring a culture. It has to be built up inside. Head of the Department must be called and advise him to encourage faculty members regularly. If a professor is interested in initiating a consultancy, then size of the consultancy and the price doesn't matter. To develop a culture a period of time is required and it will not happen overnight, it take long years of time. In the beginning, let them apply for small works and encourage them. Money is not a criteria in the beginning. Later on, it will be converted into financial implications.
- Executive Secretary mentioned that it is understood that, Mr. Keerthi Shekhar has failed and the Civil engineering Department should not depend on him. Based on the suggestions of Director (A&A) and Prof. M. H. Dhananjaya, the Department faculty should



start working in this direction. Member Secretary has to identify one better person immediately, who can coordinate research and publications works.

- Member Secretary mentioned that, definitely the Civil Engineering Department and other Departments will work, as per the suggestions of Director (A&A) and Prof. M.H. Dhananjaya.
- Chairman informed that let us forget Mr. Kreethi Shekhar, don't even waste a minute to talk about him. Having listened to the guidance of Prof. M. H. Dhananjaya and Director (A&A), work to achieve. Identify one better person, who can handle this and let him be guided by Mysore or any other person.

Resolution:

- **To identify a person to monitor research, projects and consultancy works.**
- **Faculty should apply for good number of small consultancy works available and develop good research culture.**
- **Principal to mentor the faculty members regularly on writing project and consultancy proposals.**
- **HOD's to monitor their faculty members in writing proposals for consultancies and projects. List all the proposals which are ready for submission and bring it to the notice of the Principal for further improvisation.**

Item No. 34.03.03 Admission Details for the Academic Year 2019-20

Observation in the Previous Meeting

- Identify the firm to conduct the language courses and make announcement to all the students and conduct the training program before the next meeting.

Action Taken

- HOD, Mechanical Engineering has been made as Co-ordinator for conducting these courses. He has identified Ms. Anuja Arya from M/s. Meghavee, The School of Languages, Bangalore for conducting courses on foreign languages. She is associated with PES University and Dr. B R Ambedkar School of Economics for teaching, for the last 10 years and also established good number of language labs in Karnataka. The fees charged for teaching the foreign language courses are as follows.



Sl.No.	Languages	Batch size	Duration	Fees (in Rs.)
1.	German	15	40 hrs	Rs.15,000
2.	French	15	40 hrs	Rs.15,000
3.	Spanish	15	40 hrs	Rs.15,000
4.	Japanese	20	80 hrs	Rs.20,000
5.	English	15	40 hrs	Rs.7,500

- A total of 34 students are interested to take the course. Out of the 34 students, 28 students are interested to join the German language course. As a first step, it is proposed to start German language course. The charges for the course are Rs. 15,000/- per student (inclusive of GST). Training will be for a batch of 15 students. It was proposed to start the language Classes once the University Examinations are completed. i.e. during July 2020 possibly using online platform.

Discussions in the Present Meeting:

- Executive Secretary mentioned that it was suggested to conduct foreign language courses as “add on” courses along with the certificate, which would be helpful to students.
- Member Secretary mentioned that, a certificate will be awarded to the students at the end of the course. It is a certified “add on” course.

Resolution:

- **Noted.**

Item No. 34.05 - Academic performance in the University Examinations

Observation in the Previous Meeting

- Departmental Report on Action Plan and guide lines to improve the Results and placement to be submitted to the Committee

Action Taken

- A committee with the senior faculty members from each Department has been formed. The committee has met several times and the detailed report is annexed as Annexure -1 of Agenda Notes.



Resolution:

- Noted.

Item No. 35.03.03 Admission Details for the Academic Year 2019-20

Observation in the Previous Meeting

- Make an analysis about the admissions, vacancy position and year on year reduced admissions and submit a report to Governing council.
- Visit the surrounding PU Colleges and advertise about our college admissions and the fee structure.
- To start new courses on Aerospace Engineering, Mechatronics and other courses.

Action Taken

- A meeting was conducted along with the Heads of all the Departments to ascertain the reasons for low admissions.
- It is ascertained that teaching learning process in the Institute is to be improved. This will definitely impact on good results, admissions and placements.
- Visited the PU Colleges in the surrounding areas viz., Sadhana PU College, Jain College, JSS PU College, etc. and distributed the brochures of the college.
- Starting of the new UG course in Aerospace Engineering incur an investment of Rs.10 Crores approximately on establishing the laboratories, spread over four years. Additional space of 1000 Sq. mt, is required to establish necessary laboratories. In the present scenario, experts in Aerospace Engineering are not available from academic fraternity. It may be necessary to appoint available experts from various research organizations like NAL, DRDO, ISRO, etc. At present, we do not have faculty members with Aerospace specialization. B.E. Aerospace Engineering has been started in VTU, Belgaum in the year 2015. It is understood that, the admission status for the courses in reputed colleges like RVCE, BMSCE, MSRIT and DSCE is 100%. In some colleges viz, MVJCE, SJCIT, ACSCE, etc. are 75%.
- UG course on “Mechatronics” is not yet introduced by VTU, Belgaum
- The Principal informed the Committee that UG course on “Artificial Intelligence and Machine learning” is introduced by the University (VTU) in the year 2019-20. BMSIT, Bangalore has started this program and has good response. Majority of the faculty



available in Computer Science and Information Departments are currently pursuing their research in the same field and few courses relating to “machine Learning” and “Artificial Intelligence” are being taught in current VTU syllabus as Elective subjects. The available infrastructure can be utilized for the first year and for II year onwards the necessary labs can be planned as per the requirements. The total investment may be to the tune of 2.5 Crores spread over for four years. This particular course has “Huge” demand. In 2019-20, few IITs have started this UG program and good number of Institutions in Karnataka are planning to start B.E. program in “Machine Learning and Artificial Intelligence”

Considering the present trend of technology development, it is expected that, there will be a huge demand for technical manpower in “Artificial Intelligence & Machine Learning” sector. It is appropriate to start UG program in “Artificial Intelligence & Machine Learning” to cater to the needs of the Industry.

Resolution:

- ✦ Noted.

Item No. 34.06: CAMPUS INFRASTRUCTURE DEVELOPMENT

Observation in the Previous Meeting

- ✦ Process the loan application.

Action Taken

- ✦ *Approached the Corporation Bank for sanction of a Loan for the construction of additional floor in the existing building and an “Amenities” Block. The Manager of the Bank has agreed to sanction the Loan. Awaiting for the reply from bank.*

Resolution:

- ✦ Noted.

Item No. 35.07– Technical Papers / Publications / Articles presented by faculty

Observation in the Previous Meeting

- ✦ Try to publish journals in Web of Science indexed journals.

Action Taken



- A Committee consisting of six Members viz. Dr. Mrityunjaya V Latte, Principal, Dr. D R Swamy, Dean–Research, Dr. Prabhudev Jagadish, Dean-Student Welfare, Dr. Shalini Patil, Asst. Professor- Maths, Dr. Satish Seth, Asst. Professor- E&C and Dr. Chamaraja N A., Asst. Professor – Chemistry has been constituted to look into the publications and guide all the faculty members on preparing and writing papers to publish in refereed and peer reviewed journals, WOS, Scopus Index.
- Faculty are being advised continuously during the faculty meetings, Screening Committee meetings, etc. to publish their research articles in refereed & peer reviewed journals more in WoS indexed journals which will help us get NIRF Ranking.
- Junior faculty members have been made to understand the necessity of their publications in journals listed under Web of Science and Scopus.

Resolution:

- **Noted.**

Item No. 35.11 Report on Training & Placement**Observation in the Previous Meeting**

- To submit the report of the committee.
- To insert placements records and faculty Details with their strength in the website.
- To prepare brochure/letter covering the best of the Institute and circulate among Industries.

Action Taken :

- The following table indicates the details of number of students recruited, pay package offered by various companies. It is expected that, good number of companies will visit the Institute in the near future.

Batch: 2018						
Sl. No	Branch	No Of Students In Final Year	No Of Students Registered	No Of Students Eligible	No Students Placed	% age on Eligibility
1	CSE	136	136	92	82	89.13
2	ISE	86	78	43	33	76.74
3	ECE	129	129	90	54	60.00
4	EIE	51	45	19	8	42.11
5	IEM	43	41	25	10	40.00
6	MECH	122	78	68	11	16.18
7	CIVIL	46	43	23	1	4.35
UG Total		613	550	360	199	55.28
MBA		50	50	38	6	
Total		663	600	398	205	51.11



Batch: 2019						
Sl. No	Branch	No Of Students In Final Year	No Of Students Registered	No Of Students Eligible	No Students Placed	% age on Eligibility
1	CSE	131	102	66	66 +1	100.00
2	ISE	74	66	38	38 +7	100.00
3	ECE	143	119	83	83 + 5	100.00
4	EIE	43	38	22	22 + 2	100.00
5	IEM	39	39	21	15	71.43
6	MECH	116	63	28	12	42.86
7	CIVIL	63	46	22	1	4.55
UG Total		609	473	280	252	90.00
MBA		55	55	44	13	29.55
Total		664	528	324	265	81.79

Batch: 2020						
Sl. No	Branch	No Of Students In Final Year	No Of Students Registered	No Of Students Eligible	No Students Placed	% age on Eligibility
1	CSE	141	140	80	80 + 5	100.00
2	ISE	96	95	56	56 + 07	100.00
3	ECE	116	109	62	56	90.32
4	EIE	39	36	21	18	85.71
5	IEM	49	40	21	6	28.57
6	MECH	146	117	61	18	29.51
7	CIVIL	67	40	18	0	0.00
UG Total			654	577	319	
MBA			60	56	36	
Total			714	633	355	62.01

Placement Details for the academic year 2019-20 Batch as on 07/06/2020

Sl. No	Companies Name	Total Offers	Offered CTC
1	M/s ADOBE	01	Rs. 43.17 Lakhs per annum
		01	Rs. 25.6
2	M/s One Direct	4	Rs. 16 Lakhs per Annum (LPA)
3	M/s Mc Afee	2 +1	Rs. 10 Lakhs
4	M/s Hashedin Tech	2	Rs. 8 Lakhs per annum
5	M/s Lido	3	Rs. 7 Lakhs per annum
6	M/s Avanseus	3	Rs. 5 Lakhs per annum
7	M/s Betsol	4	Rs. 4.5 LPA
8	M/s Accenture	141	Rs. 4.5 LPA – 125 Students Rs. 6.5 LPA – 16 Students
9	Infosys	51	Rs. 3.6 LPA
10	M/S Mindtree	4	Rs. 3.5 LPA
11	M/s TCS	47	Rs. 3.6 LPA

- With regard to placement it is submitted that, the recruitment process has changed in recent years. All the companies outsource the recruitment process to a hiring agency. The



Institute has established good credentials with “Software” Industries. Our students have demonstrated their credibility and are appreciated very well by their higher ups in the Industry.

- *One of the major demands from student’s side is “campus placements” in Product Development Companies. It is particularly with Mechanical, Civil, Industrial Engg. and Instrumentation Engineering. The hiring agencies viz. M/s Co-Cubes and M/s AMCAT are the two main organizations decide the Institute for various companies in Bangalore. These companies support the students with assessment of preliminary knowledge, which indicate the necessity of training in certain aspects. This training is to be provided by the Institute. The neighboring colleges viz. RNSIT, RVCE and SJBIT have established good understanding with these two agencies and register all the students from second year itself. The two agencies M/s CO-Cubes and M/s AMCAT charges between Rs. 2000 - to 2,500/- per student. It is one time registration process and these agencies expect the Institute to place the work order for this.*
- *It is also necessary to strengthen the Training and placement unit with dedicated staff and necessary infrastructure to conduct the interviews during the recruitment process. One senior faculty from Engineering branches be placed in Charge of T&P of the college.*
- *Faculties have been informed to put more efforts to increase the number of students eligible for placement. A committee has been constituted to look into the teaching learning process, Improvement in Results and Placement.
Placements statistics have been incorporated in the college website.*
- *The strength of faculty in various disciplines is published in the website.*
- *During admissions, hoardings were put up at the college entrance about “Accreditation” of all UG programs in the Institute and the students selected with “Highest package”. It was also updated daily on the TV installed in the foyer. The details were also published regularly on college website, college twitter account and face book account.*
- *A brochure covering the complete details of the Institute is prepared and has been circulated to all the Industries with a request to visit the Institute for campus recruitment.*

Resolution:

- **Noted.**



ITEM No. 36.03: ITEMS FOR INFORMATION

36.03.01 New Appointments / Promotions / Relief :

Note : Details of Appointments / Promotions / Reliefs from 1/06/2019 to 05/09/2019

A	Appointments	Teaching – 07 Nos. Non-Teaching -- 02 Nos.
B	Promotions	Nil
C	Reliefs	Teaching - 07 Nos
D	Vacancy	➤ Professors – 02 Nos. ➤ Associate Professors – 08 Nos. ➤ Assistant Professors – 59 Nos

Discussions:

- Chairman wanted to know whether, the appointments are done as per the procedure.
- Member Secretary explained that all the procedures are followed in the recent recruitment process.

Resolution:

- Noted.

36.03.02 Staff registered for Higher Studies

Note :

- Ph.D. Awarded during the period from 01/09/2019 to 30/05/2020 – 08 Nos.
- Faculty submitted Thesis during the above period - 06 Nos.
- Total number of faculty pursuing Ph.D. programme - 58 Nos.
- Total No. of Non-teaching staff pursuing higher studies - 06 Nos.

Resolution:

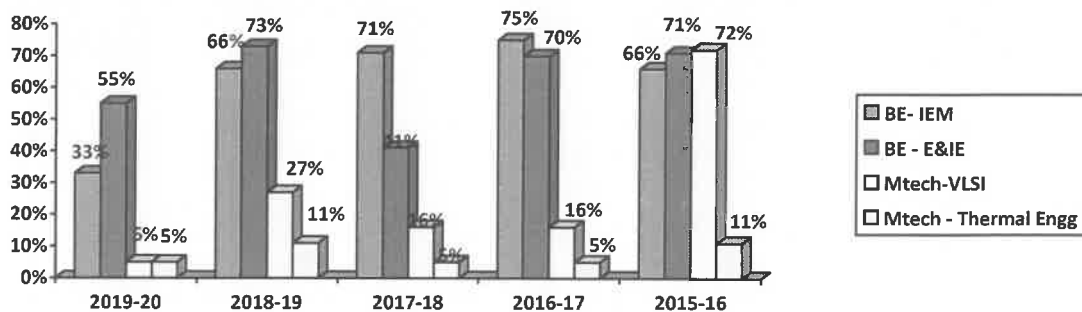
- Noted.

ITEM No. 36.03.03 Admissions

Note :

- The demand for the two UG courses and two PG courses has declined drastically for the last five years. AICTE has reduced that intake of M.Tech in Thermal Engg. to “Nine” (09). Admissions to both the PG courses is in single digit for the last five years. It is proposed to close these programs with the permission of the Honourable Governing Council Members.
 - a. B.E. (Electronics & Instrumentation Engineering)
 - b. B.E. (Industrial Engineering & Management)
 - c. M.Tech. (Thermal Engineering)
 - d. M.Tech. (VLSI Design & Embedded Systems)

Graph showing the Percentage of admissions received for these courses for the last five years.



Closure of course - BE in Electronics & Instrumentation Engineering:

- The intake of BE, E&C has been raised from 120 to 180 from the academic year 2018 -19. In the current academic year 2019-20 the sanctioned intake is 180 for first year and second year.
- It is proposed to utilize the services of the faculty members available in E&IE Department, by transferring them to Electronics and Communication Department. Since the closure of the course will be progressive, every year certain number of faculty will be transferred to E&C Department.

Closure of course BE in Industrial Engineering and Management:

- The intake of BE, Mechanical Engg. has been increased from 120 to 180 from the academic year 2018 - 19. In the current academic year 2019-20, the sanctioned intake is 180 for first year and second year.



- It is proposed to utilize the services of the faculty members available in IEM Department, by transferring them to Mechanical Engineering. Since the closure of the course is progressive, every year certain number of faculty will be transferred to Mechanical Engineering Department.
- Also, the available space of classrooms and Laboratories will be used for the programs, where intake is enhanced to 180.

Discussions in the Present Meeting:

- Prof. M.H. Dhananjaya informed that, he has a feeling that instead of closing IEM and E&IE courses, restructuring these courses is more relevant. Closure is not the solution; with so much of difficulty these two courses are started. In these two branches infrastructure is developed, faculties have gained expertise in both theory and Laboratory. Now, it is necessary to make these courses more relevant for the present day requirements. Member secretary along with industry experts can see that, the curriculum of IEM and E&IE can be properly modified to create demand and it must be relevant. Students are not joining to these courses, because it is not relevant to the present requirements of the Industry.
- Prof. Ranganathaiah, Director (A&A) remarked that he agrees with Advisor's suggestion but there is a bottle neck in this. The restructuring of the courses can not be done by the College but VTU has to do it since ATE-B is an affiliated College of VTU. However, he suggested that the Principal who is a member of Academic Council can pursue this with other colleges under VTU who are offering these two courses and put a collective effort to accept the restructuring by the University.
- Member Secretary informed that, this was discussed with both the Departments regularly from the last five years and they have been asked to visit near PU colleges to advertise about these branches. It was also asked to prepare the curriculum to suit as per the industry needs as you suggested. In this regard several meetings are conducted at the department level. But the present trend is, students are not opting for admission to these courses. The admissions are reducing every year. Since five years, students admitted under "COMED K" and "Management" quota is "zero".
- Executive Secretary wanted to know the intake of IEM and E&IE courses. Member Secretary mentioned that, the intake of both the courses is 60 each.
- Executive Secretary expressed that, admission are low even in Mechanical and Civil Department also.



- Member Secretary explained that, admission to Mechanical and Civil Department are low only in first year, but in second year through lateral entry the vacant seats of first year will be filled and it is 100%. This is not happening in IEM and E&IE branches.
- Dr. Shyam Vasudev Rao mentioned that, even at SJCE, Mysore, E&IE course has been changed to “Bio Medical Instrumentation Engg. He asked the Member Secretary that Can this be converted in the same manner. Member Secretary informed that University permits us to close E&IE and start any new course.
- Chairman informed that, if closer becomes necessary after trying all the suggestions, make alternative steps to start new courses. Investment made on establishing these two Departments should not be a burden and go waste. It has to be utilized. If the new courses are in good demand, we have to move with the time and adjust to the situation. Ensure that infrastructure and faculty members are utilized.
Alternatively plan to start new programs.
- Member Secretary informed that the available faculty in both the Departments will be utilized for E&C and Mechanical Department. The intake of these two courses are raised to 180, two years back and definitely, it is possible to accommodate all the faculty of IEM and E&IE Department progressively.
- Chairman informed to make a report about these two courses after trying all the suggestions and submit a report in the next Governing Council Meeting.

Resolution:

- ***To redesign the syllabus of E&IE and IEM Departments to suit as per the current needs of the Industry.***
- ***To contact the University and talk to the concerned to change the curriculum of E&IE and IEM branches to suit as per the Industry /societal needs.***
- ***To submit a report to the Governing Council about this in the next GC Meeting.***
- ***If the efforts of restoring the demand for IEM and E&IE courses are not effective. Chairman suggested to “Close” the programs as per the proposal and start new program which are in demand.***

**Item No. 36.04: Budget Estimate for the Academic Year 2020-21 and Audit Objections****Budget Estimate for the Academic Year 2020-21**

<i>Year</i>	<i>Expected Revenue</i>	<i>Estimated Expenditure</i>
2020-21	Rs. 4047.40 Lakhs	Rs. 3307.35 lakhs

The summary of the proposed Budget for the year 2020-21

Sl. No.	Account Head	Amount Earmarked Rs. In Lakhs
1	Salary	2500.00
2	Faculty Development programmes	65.00
3	Seminars & Conferences	12.50
4	Equipments	94.00
5	Furniture	16.75
6	General Maintenance	16.00
7	Electricity, Security, Housekeeping, etc	220.00
8	Sports and Cultural	5.00
9	Loan Interest	80.00
10	Loan Principle	125.00
11	Others	1306.90

Expenditure

Year	Revenue Earned	Expenditure (Including Capital Expenditure)
2018-19	Rs. 3701.64 Lakhs	Rs.3363.18 Lakhs
2019-20	Rs. 3584.15 Lakhs	Rs.2509.87 Lakhs (upto 31-12-2019)

Internal Audit is in progress.

Resolution:

➤ **Noted.**

Item No. 36.05: ACADEMIC PERFORMANCE IN THE UNIVERSITY EXAMINATIONS**Note:**

- The print copy of Results for the University Examinations held during December 2019 /January 2020 have been not yet received from the University. This will be submitted in the next meeting.

Resolution:

➤ **Noted.**



Item No. 36.06: CAMPUS INFRASTRUCTURE DEVELOPMENT (Phase – III constructions)

Note:

- The Institute has approached Corporation Bank, Mysore main branch, Mysore for sanction of Loan. The required documents have been submitted. Awaiting the reply from the Bank.

Discussions in the Present Meeting:

- Chairman suggested to approach other banks for obtaining loan.
- Member Secretary informed that he has approached State Bank of India and Punjab National Bank for sanction of loan, but there were some technical problems regarding the co-lateral security for the sanction of loan.
- Chairman informed that, if you are facing technical problem in all banks, take the matter to Executive Secretary and examine, he will solve the problem. Otherwise all of us will try to find solution.
- Executive Secretary informed the Member Secretary to meet him in his office with all the necessary documents.

Resolution:

- **To meet the Executive Secretary, JSSMVP, Mysore in person with all the documents required for sanction of Loan.**

Item No. 36.07: TECHNICAL PAPERS / PUBLICATIONS / ARTICLES PRESENTED BY THE FACULTY

Note :

Brief summary of Technical Papers and Articles Published by Staff in Previous three academic years

No.	Sl.	Academic Year	No. of Technical Papers and Articles Published by Staff
01		2017-2018	138
02		2018-2019	113
03		2019-2020	131*

*From 01/04/2019 to 31/03/2020



Discussions in the Present Meeting:

- *Member Secretary presented the statistics of research work and publications of faculty members.*
- *Executive Secretary wanted to know that the research details presented are from last meeting to the present meeting.*

Member Secretary confirmed that, the statistics presented are from last meeting to the present meeting.

- *Chairman desired to know whether the Institution has a separate Director /co-ordinator to look after the research activities of the Institute. Member Secretary informed that, the Institute has Dean (Research), who will look after research works along with his teaching responsibilities.*
- *Director (A&A) added that there are certain private Engineering colleges, who have recruited a person as Director (Research), who is having strong research background to give proper guidance to the entire college. Universities also appoint separate Director to look after research but colleges don't have that kind. If the Institute is very much interested to push the R & D strength, it is required to identify an external person, who has a very strong background in research. It is appropriate to bring external member to the Institution, so that he will motivate and encourage the faculty on research.*
- *Chairman informed that, it is fine that college has got their Dean Research, But, Dean has own Department works and responsibilities, he will coordinate in order to focus R&D and other publications. It is desirable to have one external person, as suggested by Director (A&A) or otherwise somebody among the faculty members, who are strong in research and willing to take up the responsibility, can be designated as coordinator at the Institution level. He suggested Member Secretary to appoint one Director to look after exclusively research and publication division.*

He informed the Member Secretary to identify a suitable person and bring it as an agenda in the next meeting with financial obligations.

Resolution:

- ***To identify a strong person as a co-ordinator, who will exclusively look after research and publications. Bring it as an agenda item in the next meeting with financial obligations.***

**Item No. 36.08: SEMINARS & WORKSHOPS ATTENDED BY STAFF**

Note :

Brief summary of seminars /Conferences /Workshops attended by staff members for the last three years

Sl. No.	Academic Year	No. of Seminars/ Workshops / Conferences attended by our staff
01	2017-2018	131
02	2018-2019	164
03	2019-2020	85* + NPTEL

*From 01/04/2019 to 31/03/2020

Resolution:➤ **Noted.****Item No. 36.09: SEMINARS, WORKSHOPS, CONFERENCES AND GUEST LECTURES, CONDUCTED BY THE COLLEGE**

Note:

A brief summary of seminars /Conferences /Workshops /Guest Lectures organized by the College or the last three years

Sl. No.	Academic Year	No. of seminars/ Conferences/ Workshops/ Guest Lectures conducted by JSSATE
01	2017-2018	56
02	2018-2019	62
03	2019-2020*	86*

*From 01/04/2019 to 31/03/2020

No. of Projects Sanctioned - 04

No of Consultancy works Sanctioned - 02

No. of Project Submitted by Faculty Members: 16

University Ranks - 02

Resolution:➤ **Noted.**

**Item No. 36.10: REPORT ON TRAINING AND PLACEMENT**

Note:

Placements for 2020 Batch

SL NO	Branch	No of Students registered	No of Students eligible	Actual placement	Independent Offer	Multiple offer	Percentage of placement	Salary Offered
1	CSE	140	80	80	55	25	100.00	3 Lakhs to 43.17 Lakhs
2	ISE	95	56	56+2	40	18	100.00	
3	ECE	108	61	48	37	11	78.69	
4	E&I	36	21	17	14	3	80.95	
5	ME	117	61	17	16	1	27.87	
6	IEM	40	21	5	5	0	23.81	
7	CIVIL	40	18	0	0	0	0.00	
	Total	576	318	225	167	58		

Discussions in the Present meeting:

- *Member Secretary presented the statistics of Placements of 2020 batch students.*
- *Chairman expressed that the number of companies visited for placement has been low and he wanted to know the reason.*
- *Member Secretary informed that due to COVID-19, good number of companies have postponed campus recruitment and definitely many more companies will visit the college very shortly.*
- *Chairman expressed his happiness over the increase in paid internships in CSE Department. He informed that, it is of a good help to students. He informed the Member Secretary to catch good number of companies in a similar way.*

Resolution:

- *To identify good number of companies who are offering paid interns to students. Ensure that, our students join these companies.*
- *To improve placements.*

Item No. 36.11: REPORT ON SPORTS & CULTURAL ACTIVITIES**➤ Sports Activities**

- *Our students have participated in various sports events conducted in neighboring Institutions. From 01/09/2019 to 28/02/2020.*



- The Institute hosted VTU Bangalore south Zone Men's Basket Ball tournament at JSSATE grounds on 16th and 17th September 2019. Students from various Institutes in and around Bangalore participated in the tournament and won prizes.
- The Institute hosted VTU Bangalore South Zone LAWN TENNIS tournament at JSSATE grounds on 23rd and 24th September 2019. Students from various Institutes participated in the tournament and won prizes.

Resolution:

- **Noted.**

Item No. 36.12 REPORT ON JSS ADVANCED JEWELLERY DESIGN TECHNOLOGY CENTRE

Activities of the Centre from 01/09/2019 to 28/02/2020

- The centre is conducting training programs regularly and generating revenue through Titan project by creating designs.

Resolution:

- **Noted.**

36.13 A REPORT on JSSATE-STEP

Activities of the Centre from 01/09/2019 to 28/02/2020

- *Conducted seminar on Entrepreneurship by Mr. Shiva Shankar CEO, STEP, SJCE, Mysore on 24th September 2019 for the students, in a way to get idea about the role of Entrepreneurship and Startups eco system activities.*
- *Organized a digital marketing seminar for the students on the SEO, web development application development, Google analytics. The sessions were handled by Mr. Ravi Bramhapuram, CEO, "Cloud on hire" and his team members during November 2019.*
- *The seminar was all about giving the students the idea about the digital marketing context that companies use in today's world to boost /promote their company advertisements on social media (Facebook, Instagram, etc.), Social Media Marketing (SMM), Email Marketing, Search Engine Optimization (SEO) /Search Engine Marketing (SEM), Social Media Optimization (SMO), Pay per Click (PPC), Google Ad words and Google Analytics.*



- As instructed by the Management, JSSATE-STEP is co-ordinating a series of “One day workshop” on “Entrepreneurship” for the students of JSSATE, Bengaluru at GINSERV. Accordingly a workshop was organized at GINSERV on 25th February for the students of Computer Science & Engineering. One hundred (100) students attended the workshop. This activity is going to be taken up every month.

Incubation Status

- The Incubation space is of 1000 Sq feet with 7 cabins with seating space of: 4 seater cabins – 4 Nos., 6 seater cabins – 3 Nos. The Following facilities are provided for the startups:

The incubation space is fully air-conditioned with Plug and play workstation, internet connectivity lease line up to 300 Mbps (sharing), Power line back up with UPS, Access control facility, Meeting /discussion room for individual companies, Conference hall facility with 220 seats at the JSSATE main campus.

Mentor /Adviser /Service Provider interaction with companies:

- Mr. Ravi Shankar – He will be working with us as Mentor and management consultant for the startups at STEP Bangalore.
- Mr. Aakarsh Naidu- He will help companies incubated in building strategies and connect with the investors and mentors from the specific industry.

Sl. No.	Name of the Incubatee	Firm Name
1	Mr. Nikil	M/s. Polytune Constructions llp
2	Mr. Kiran H	M/s. Doresys Infotech India Pvt. Ltd.,
3	Mr. Kiran Kumar C	M/s. Joy Decoded

Resolution:

- **Noted.**

Member Secretary made another small power point presentation about the online teaching activities conducted during COVID 19 period as per the advise of Executive Secretary.

Resolution:

- **Noted.**



Item No. 36.14 ANY OTHER MATTER WITH THE PERMISSION OF
CHAIR

NIL

The meeting concluded with thanks to the chair and the members of the Governing council.


06.08.2020

Prof. Mrityunjaya V Latte
Principal & Member Secretary