

JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION
NOIDA



**PROCEEDINGS OF THE 29TH GOVERNING
COUNCIL MEETING**

HELD ON 12.06.2020 @ 11:00 Hours

**JSS ACADEMY OF TECHNICAL EDUCATION
C-20/1, SECTOR-62, NOIDA, U P**



J.S.S. Mahavidyapeetha
JSS ACADEMY OF TECHNICAL EDUCATION – NOIDA

Members Present

1	Dr. C. G. Betsurmath Executive Secretary, JSS MVP, Mysore	Member
2	Prof. M.H. Dhananjaya, Advisor, JSS MVP, Mysore	Member
3	Dr. B. Suresh Pro Chancellor, JSS AHE & R, Mysore	Member
4	Dr. C. Ranganathaiah Director TED (A&A), JSS MVP, Mysore	Member
5	Dr. H. G. Shivakumar Principal, College of Pharmacy, JSSATE, Noida	Member
6	Dr. Jyoti Gautam Associate Professor (CSE), JSSATE-Noida-Faculty Representative	Member
7	Dr. Surinder Singh, Vice Chancellor, JSS AHE & R, Mysore	Special Invitee
8	Dr. Gurulingappa M. Patil Principal, JSSATE-Noida	Member Secretary

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JSS ACADEMY OF TECHNICAL EDUCATION–NOIDA

**PROCEEDINGS OF THE 29th GOVERNING COUNCIL MEETING
HELD ON 12th JUNE 2020 AT NOIDA AT 11:00 HOURS**

29.00 Welcoming the members to the 29th Governing Council Meeting.

The Member Secretary, Dr Gurulingappa M Patil, welcomed the Chair, members of the Council and Special Invitee to the meeting.

In the absence of His Holiness Mahaswamiji, Chairman of the Governing Council of JSSATE, Noida, Dr. C G Betsurmath, Executive Secretary chaired the meeting.

The Member Secretary introduced the following new members to the Governing Council:

1. Dr H G Shivakumar Principal, College of Pharmacy, JSSATE-N -Member
2. Dr. Surinder Singh, Vice Chancellor, JSSAHER, Mysuru- Special Invitee

After seeking permission from the Chairman, the agenda was taken up for discussion.

29.01 To Read and Record the Proceedings of the 28th Governing Council Meeting held on 20.11.2019.

The Member Secretary started with the Proceedings of 28th Governing Council Meeting held on 20.11.2019. He informed the Council that the Proceeding of 28th Governing Council Meeting was circulated among all the members of the Governing Council on 16.12.2019 and no comments or suggestions were received.

The Council accepted the Proceedings as read and recorded.

29.02 Action Taken Report on Proceedings of 28th Governing Council Meeting.

The Member Secretary explained the Action Taken Report of the 28th Governing Council Meeting held on 20.11.2019.

Resolutions

- **Conduct of International Conference:**

A two-day International Conference on **Intelligent Control and Computation for Smart Energy and Mechatronic Systems (ICCSEMS-2020)** is scheduled to be held at **JSSATE, Noida** on March 20-21, 2020.

- **Action**

The Member Secretary informed to the Governing Council that in order to take preventive measures to combat the threat of the Novel Corona Virus, ICCSEMS-2020 which was scheduled to be held on 20-21 March 2020 has been postponed to 25-26 September 2020. The International Conference will be conducted through online mode. The Member Secretary briefed the progress of the work done for ICCSEMS-2020.

Dr. B. Suresh, Pro Chancellor, JSS AHE&R, Mysuru asked the reason of delay for conducting the International Conference, as it is scheduled through online platform and there is no need of additional preparation.

The Member Secretary has been asked to conduct the International Conference at the earliest and the brochure of the International Conference is to be uploaded on the College website immediately.

New Initiatives:

Noted

Resolution

- HoDs should be asked to get at least one quality MoU per Department per semester. The Member Secretary has been advised to take more efforts for entering MoUs with Industries/Institutes.

Action

The Member Secretary presented that the following MoUs have been signed by the Academy since last Governing Council Meeting:

1. MoU between Emerson Process Management Power & Water Solutions India Pvt Ltd and JSS ATE, Noida signed on 20.03.2020.
2. MoU between Emerson Process Management Power & Water Solutions India Pvt Ltd and JSS ATE, Noida signed on 20.03.2020.
3. The Department of Mechanical Engineering has signed a MoU with NAVYUG Infosolutions Pvt Ltd, Noida on 29.02.2020.

4. The Department of Mechanical Engineering has signed MoU with DBP Engineering Works Limited on 01.01.2020.
5. The Department of Computer Science & Engineering signed a MoU with M/s. Uniconverge Technologies (UCT) Private Limited, Noida on 20.03.2020.

The Governing Council suggested to take prior permission from the Director (A&A), JSSMVP, Mysore before signing MoU with any organisation.

Noted

29.03 Academic Report:

1. Approved intake and students admitted in AY 2019-20:

- (a) The Member Secretary presented the approved intake of the Academy in the AY 2019-20. The annual intake of the Academy in the AY 2019-2020 is 1074.
- (b) The Member Secretary presented the details of UG and PG students admitted in the Academy during the AY 2019-2020 including lateral entry admissions. Total admission the Academy for UG program is 93.85% and PG program is 56.63%.
- (c) Total strength of the students in the Academy during the AY 2019-2020 is 4388.

The Governing Council noted that the admission in various M.Tech programs offered by the Academy is decreasing every year and they asked the reasons.

The Member Secretary said that owing to following reasons the admissions for M.Tech. Programs are low:

- (1) Placement after B.Tech. is very good.
- (2) JSS ATE, Noida students work hard for clearing GATE for joining PSUs and UPSC, CAT and other competitive exams.
- (3) Few students are interested in PG as job opportunities for PG Degree holders are limited.

Sri . B K Gupta, CAO, JSSATE, N said that regular M.Tech program is not popular in NCR region. Students are opting for Government Institutions for M.Tech. Programs as their fee is low as compared with Private Institutions.

Observations made by the Governing Council are as follows:

- Prof. M. H. Dhananjaya, Advisor, JSS MVP suggested that to convert the M.Tech. Programs into blended learning programs.
- Re-engineering of the existing M.Tech. programs to ensure that they remain relevant keeping in view of the changing demands of society and Industry.
- Dr. B Suresh, Pro Chancellor, JSS AHE&R, Mysuru suggested that course credits must be completed and College could adjust the timing for classes to suit the candidates.

Dr. B Suresh, Pro Chancellor, JSS AHE&R, Mysuru opined that the website of the Academy is not providing complete information; e.g. fees details, laboratory facilities etc., and it is required to be more presentable.

Suggestions made by the Governing Council

- Website of the Academy should be more visible.
- UG and PG programs may be shown separately instead of Departments.
- Include the students of the Academy for updating the website of the Academy.

Resolution

- **Website of the Academy is to be updated with more visibility within one month time and a report of the same is to be submitted to Executive Secretary and Director (A&A), JSSMVP, Mysore.**

Noted

2. Application for EoA for AY 2020-21:

The Member Secretary emphasised the status of the application submitted to AICTE for the AY 2020-2021:

- i. Online application for Extension of Approval for the existing courses. **Result is awaited.**
- ii. Closure of MCA from the Academic Year 2020-21 **-Pending due to non-submission of NOCs from University / State Government.**

Noted

3. Year-wise Result Analysis for the Session 2019-20:

The Member Secretary presented the year-wise result analysis of the Academy for the academic session 2019-20.

The Governing Council suggested that Result Analysis with distinction should be incorporated in the Governing Council Report.

Noted

4. NBA Status:

The Member Secretary presented the NBA status of the Academy:

- (i) Two Departments (ME & EE) were given accredited status for 3 years i.e. up to June 2021 by National Board of Accreditation.

Accredited Departments	From-To	Duration
Mechanical Engineering	1 st July 2018 – 30 th June 2021	3 years
Electrical Engineering		

- (ii) Three Departments (CSE, ECE & IT) were given accredited status for 3 years i.e. up to 30th June 2023 by National Board of Accreditation.

Accredited Departments	From-To	Duration
Computer Science & Engineering	2020-2021 to 2022-2023 i.e. upto 30-06-2023	3 years
Electronics & Communication Engineering		
Information Technology		

- (iii) Two UG programs (EEE & CE) Departments pre-qualifier report is ready.

Observations:

- EEE Program: Meets all eligibility criteria.

Noted

(a) Campus Placement:

- The Member Secretary presented the placement details of the Academy during the year 2018-19 and 2019-2020.
- Number of companies visited is 194.
 - Total number of offers is 673
 - Number of students with single job offers is 434

- Number of students with 2 job offers is 224
 - Highest package offered is Rs.40.00 lakhs to Ms. Mitansha Agarwal, student of CSE by the company- Adobe Systems, Noida
 - Lowest package offered is Rs.2.5 lakhs by Arunachal Pradesh Power Corporation Pvt. Ltd
 - Average package offered is Rs.4.5 lakhs
- The Member Secretary presented the details of number of students registered, appeared, and placed in on-campus and off-campus placement during the year 2018-2019 and 2019-2020.

Noted

(b) FDPs/Seminars/Workshops/Guest Lectures conducted:

The Member Secretary presented the number of FDPs/ Seminars/Workshops and Guest Lectures conducted in the Academy since last Governing Council Meeting:

Details of GC	FDPs	Seminars	Workshops	Guest Lectures
29 th GC	01	-	04	6
28 th GC	01	02	10	13

Noted

(c) Research and Developments

(i) Publications of Faculty Members

The Member Secretary presented the details of publications of faculty members between the previous and the current Governing Council Meeting, which is as given below:

Title	Previous GC meeting (20.11.2019)	Current GC meeting (12.06.2020)	Indexed	
			Wos	Scopus
Conferences	21 (04 indexed)	36	06	24
Journals	39 (31 Indexed)	25	07	24
Patent	01	01	Dept. of EEE	

Details of Patent filed by the Academy since last Governing Council meeting:

Patents Filed:

Topic	Author Name	Application Number	Date of filing	Publication date	Department
Automotive Engine Control System for Preventing Drivers who are Inebriated	Mr. J.R.Manju Asst. Prof (EEE)	2020241001559A	14/1/2020	17-01-2020	EEE
Total number of Patent filed				01	

Proposals submitted to various funding agencies during the year 2019-20:

Noted

The Member Secretary presented that the following proposals have been submitted to various funding agencies for the year 2019-2020 since the last Governing Council Meeting:

Sl. No	Name of the Dept.	Name of the PI	Name of Co-PI	Scheme/ Date of submission	Funding Agency	Title of the Proposal	Amount in Rs.
1.	CSE	Dr. Vikram Bali-CSE	Dr. Kakoli Banerjee	AQIS – RPS 30.12.2019	AICTE	Design of Helmet for Preventing Road accident using Machine Learning and Electro Encephalograph Seasons	24,70,588/-
2.	ECE	Dr Gayatri Sakya -ECE		AQIS – RPS 30.12.2019	AICTE	WSN and IoT Based Intelligent Protocol for Fire fighting system in smart city project	25,00,000/-
3.	ME	Dr. Suvandan Saraswat-ME		AQIS – RPS 30.12.2019	AICTE	RAM (Reliability, Availability and Maintainability) Analysis of a system - a case study	16,00,000/-
4.	CSE	Dr. Vikram Bali-CSE	Dr. Rachna Jain	AQIS – STTP 30.12.2019	AICTE	Data Science for Engineers	4,65,000/-
5.	ECE	Dr. B P Mishra-ECE	Dr. Arun Kumar G.	AQIS-STTP 30.12.2019	AICTE	Developing R&D culture in	5,00,000/-

						educational institutes through project-based learning	
6.	EEE	Dr. K.S. Sujatha-EEE		AQIS-STTP 30.12.2019	AICTE	Solar PV and Storage systems.	5,00,000/-
7.	IT	Dr. Vineeta Khemchandani-IT	NA	AQIS-STTP 30.12.2019	AICTE	Data Mining Techniques and Applications	5,00,000/-
8.	EE	Dr. Parveen Poon Terang-EE		AQIS-STTP 30.12.2019	AICTE	Power Electronics Applications for Smart Grid, Electric Vehicles and Renewable Energy	5,00,000/-
9.	CSE	Dr. Vikram Bali-CSE	Ms. Sonali Mathur	AQIS – MODROB 30.12.2019	AICTE	IoT Lab	20,00,000/-
10	ECE	Dr. Arun Kumar G.-ECE	Nil	AQIS – MODROB 30.12.2019	AICTE	Upgradation of Antenna and microwave lab.	20,00,000/-
11.	IT	Dr. Vivek Singhal-IT	NA	AQIS – MODROB 30.12.2019	AICTE	Intelligent Transportation Lab	20,00,000/-
12	ECE	Dr. G. M. Patil	Mr. Abhinav Saxena	SERB 29.11.2019	DST	Optimal Economization and Realistic Utilization of Renewable Energy (Wind & Solar) For Heavy Residential Loads	76,20,000/-
13	EE	Dr. Sanjiba Bisoyi-EE		AQIS-FDP 30.12.2019	AICTE	Recent Development is Power Systems and Power Electronics	7,00,000/-

14	ECE	Dr. Chandra Shankar-ECE		AQIS-FDP 30.12.2019	AICTE	IoT and Machine Learning	7,00,000/-
15	ME	Dr. Navneet Kr. Pandey-ME		AQIS-Conference 30.12.2019	AICTE	1 st National Conference on Mechanical Engineering: Progress and future challenges”	6,00,000/-
16	ME	Dr. Navneet Kr. Pandey-ME		AQIS-STTP 30.12.2019	AICTE	"Research in Thermal Engineering: Progress and Future Challenges"	5,00,000/-
17	CE	Dr. Rajeev Misra-CE		AQIS-STTP 30.12.2019	AICTE	Recent Trends and Advances in Civil Engineering	5,00,000/-
18	CE	Dr. Rajeev Misra-CE		AQIS-MODROB 30.12.2019	AICTE	Modernization of Survey Laboratory	20,00,000/-
19	CSE	Dr Vikram Bali-CSE	Dr Kakoli Banerjee-CSE	SERB 30.04.2020		To Develop a Framework for Identifying, Analyzing and Suggesting Remedies Under Dynamic Conditions of Pandemic.	5,00,000/-
20	ECE	Dr B P Mishra-(ECE)		DST 10.05.2020		Cleaning the Ganga and Agri-water in Hindon basin	5,50,00,000/-

21	EEE	Dr K S Sujatha- (EEE)	Dr H G Shivakumar Dr. Naveen H Halappa Dr. Vikram Patil	DST 30.05.2020	Special Call under SATYAM to fight against COVID-19	Machine learning analysis of lung CT scan images for objective evaluation of yogic practice as an adjuvant treatment for COVID -19	15,63,869/-
22	IT	Dr Vineeta Khemchandani- (IT)	Dr Gunjan Ansari (IT)	DST 30.05.2020	Special Call under SATYAM to fight against COVID-19	Rajyoga meditation based adoptive recovery model to compact with mental stress during COVID-19	15,00,000/-
Rupees Eight Crores Thirty-Three Lakhs Sixty-Nine Thousand Four Hundred and Fifty-Seven only							8,33,69,457/-

Noted

Research Grants Sanctioned/Received from various funding agencies since last Governing Council Meeting:

The Member Secretary presented the following Research Projects grants Sanctioned / received by Institution since last Governing Council Meeting:

Grants Received for Research Projects

Year	Faculty Name with Sanction order No. and date	Funding Agency	Sanctioned in Rs. (lakhs)	Received in Rs. (lakhs)
	CSTUP – 07 Nos. CE (2) CS (1) IT(2)ME(1) ECE(1)	CST UP	1,40,000	1,40,000
	Total		1,40,000	1,40,000

Grants sanctioned from AICTE for conducting STTP

Year	Faculty Name with Sanction order No. and date	Funding Agency	Sanctioned in Rs. (lakhs)
2019-20	Dr Vikram Bali-CSE Ref. No. 34-65/99/RIFD/STTP/ Policy-1/2018-19, dated 12/12/2019, AICTE-AQIS-STTP	AICTE	4,38,000.00
	Dr. Meena Arora- IT Ref. No. 34-65/98/RIFD/STTP/ Policy-1/2018-19, dated 12/12/2019,	AICTE	4,33,333.00
	Dr T G Mamatha Ref. No. 34-65/97/RIFD/STTP/ Policy-1/2018-19, dated 12/12/2019	AICTE	3,70,000.00
	Total		Rs. 12,41,333.00

Grants Received from Dr APJ AKTU Lucknow for CRIP Project under TEQIP-III			
Year	Faculty Name with Sanction order No. and date	Funding Agency	Amount received in Rs. (lakhs) 2019-20
2019-2020	Dr Kakoli Banerji (CSE)/ Mr. Santhosh Kumar (CE) Ref: AKTU/DEAN PGSR/2020/5642 dt.05.06.2020	CRIP Dr APJ AKTU Lucknow	1,30,000/-
	Dr G.M. Patil (ECE)/ Dr. Vineeta Khemchandani (IT) Ref: AKTU/DEAN PGSR/2020/5657 dt.05.06.2020	CRIP Dr APJ AKTU Lucknow	1,75,000/-
	Dr Vikram Bali (CSE)/ Mrs. Sonali Mathur (CSE) Ref: AKTU/DEAN PGSR/2020/5643 dt.05.06.2020	CRIP Dr APJ AKTU Lucknow	2,48,858/-
	Dr Gayatri Sakhya (ECE)/ Dr Chhaya Dalela (IC) Ref: AKTU/DEAN PGSR/2020/5656 dt.05.06.2020	CRIP Dr APJ AKTU Lucknow	2,55,280/-
	Total		Rs. 8,09,138/-

Skill Development Program (SDP)

Year	Item	Funding Agency	Grant Received on 12.12.2019
2019-20	PMKVY-TI AICTE –JSSATE, NOIDA	AICTE	Rs.23,51,250.00

Resolution:

Status of previous projects submitted to funding agencies should be mentioned in the current Governing Council Report.

Noted

Governing Council suggestions for research proposals submission is as follows:

1. Motivate all faculty members to submit proposals to various funding agencies under the supervision of senior faculty members doing research in the pertaining area.
2. The submissions of proposals should be on a wider perspective wherein the research proposals should be submitted to premier funding agencies.
3. Dr. B Suresh, Pro Chancellor, JSS AHE & R suggested continuous monitoring and vetting of the proposals should be done for improving the success rate. He also suggested that the credentials of PIs and Co-PIs should be related to the scheme or the research area under which the proposal is being submitted.
4. Proposals submitted by Dr. B P Mishra, Associate Professor (ECE) and Dr Vineeta Khemchandani, HoD (IT) to DST under SATYAM to fight against COVID-19 need to be reviewed and a report of the same is to be submitted to Director (A&A), JSS MVP, Mysore immediately.

Noted

(d) Awards and Recognitions

- The Member Secretary presented the awards and recognitions of the students and faculty members of the Academy since last Governing Council Meeting.
- The Member Secretary presented the recognitions of the Academy since last Governing Council Meeting:
 1. **Excellent Rank to JSSATE, Noida, UP:** In a recent survey conducted by the Education World Magazine, JSSATE, Noida has secured “2nd Rank“in the State of Uttar Pradesh and “**20th Rank** “ at the National Level, among the top 100 Private Engineering Colleges in the country.
 2. JSS Academy of Higher Education & Research has been recognized as mentor institution under UGC PARAMARSH scheme and JSS Academy of Technical Education, Noida has been identified as one of the mentee Institutions under the said scheme for submission of NAAC proposal.

3. National Institutional Ranking Framework (NIRF)

JSSATE, Noida is placed in the Rank Band of 201–250 in NIRF Ranking 2020.

The Governing Council congratulated and appreciated the team work for the success. Dr. B Suresh, Pro Chancellor, JSS AHE&R said that the NIRF team deserves the appreciation.

4. QS I-GAUGE:

The Institute has submitted Application for QS I-Gauge. We are waiting for the results.

Noted

(e) Other Academic Activities:

The Member Secretary presented the following curricular and extracurricular activities conducted in the Academy since last Governing Council meeting:

1. Entrepreneurship Summit - Noida'20 held on 25th and 26th April 2020.
2. Intellectual Property (IP) Awareness Workshop held on 06.11.2019.
3. Smart India Hackathon – 2020; Software Edition was organised on 21.01.2020 and Hardware Edition on 04.02.2020.

Noted

6. Online Classes and other activities during lockdown period from 23.03.2020 to 16.05.2020

The member Secretary presented the following information regarding online classes and other activities conducted during the lockdown period from 23.03.2020 to 16.05.2020:

- Details of online classes and other activities conducted during the lockdown period from 23.03.2020 to 16.05.2020.
- Statistics of Number of students from Urban area and Rural Area
- Number of webinars/e-summit/FDP /Sessional tests conducted.
- Contributions of faculty, staff and students of JSS ATE, Noida to combat COVID-19.

Academic Activities During lockdown period

Type of data	
Online classes	5157
Assignments	2304
Lecture Notes	5004
Problem solving/ Question papers solving/quiz	1477

Total number of online classes held	5157
Average sessions duration	1.05 Hrs.
Total Duration of online classes	5457.5 Hrs
Av Participants in PG	63.40%
Av Participants in UG	67.04%

Sessionals	Date	Attendance in %
CIA - 2	20-04-2020 to 23-04-2020	99.06
CIA - 3	13-05-2020 to 16-05-2020	98.65

Number of Meetings conducted by HoD with faculty members from 23/03/2020 to 20.05.2020	90
Number of Meetings conducted by HoD with faculty members, Parents, Principal, Dean (Academic) and Registrar from 23/03/2020 to 20.05.2020	39
Number of meetings with administration Officials	10
Number of meetings of Principal with Higher authorities	14
Total	153

Feedback from Students/Parents and Faculty regarding online Teaching-Learning and Examination

Feedback from students/Parents	46.5% (1825) Excellent	36.50% (1413) Good	13.79% (541) Satisfactory	3.71% (146) Not Satisfactory	3925 student responses
Feedback from Teachers	18.70% (36) Excellent	56.99% (108) Good	24.42 % (47) Satisfactory	1.02 (01) Not Satisfactory	192 Faculty responses

Resolution

Documentation of online activities conducted in the Academy during the lockdown period should be maintained and documented. This data will be helpful for applying to various ranking agencies and the same data should be uploaded in the Institution website.

Noted

29.04 Infrastructure & Campus Development

The Member Secretary presented the Infrastructure & Campus Development of Academy after 28th Governing Council Meeting held on 20.11.2019.

Noted

29.05 New Initiatives:

The Member Secretary presented the following new initiatives in the Academy:

- a) Establishment of 'JSS University Noida' at JSSATE, Noida campus.
- b) Submission of proposal for assessment by NAAC under the mentorship of JSS AHE&R, Mysuru.

Noted

29.06 Any other matter with the permission of the Chairman

❖ Smart campus

Relating to the Smart Campus initiative, the Member Secretary has been asked by Dr C. G. Betsurmath, Executive Secretary, JSS MVP to assign the duties and responsibilities to each department on various facets. A report in this regard is to be submitted to the Executive Secretary, JSS MVP, Mysuru within one month. Information on Smart Campus needs to be uploaded on the website.

There were no questions. The Member Secretary thanked the Chair and the Council Members for their participation and valuable suggestions. The meeting concluded with a vote of thanks to the Chair and the members of the Council.

Member Secretary

Date: 03.07.2020